

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076541.D
 Acq On : 06 Feb 2023 13:58
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2023
 Supervised By : Mahesh Dadoda 02/07/2023

Quant Time: Feb 07 00:59:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 00:55:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	557966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	947211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	866939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	420376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	330675	35.006	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	70.020%#		
35) Dibromofluoromethane	8.177	113	297464	36.360	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	72.720%#		
50) Toluene-d8	10.571	98	1138748	39.411	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	78.820%#		
62) 4-Bromofluorobenzene	12.853	95	418584	44.140	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	339141	53.970	ug/l	100
3) Chloromethane	2.377	50	306568	54.059	ug/l	100
4) Vinyl Chloride	2.530	62	255306	54.438	ug/l	100
5) Bromomethane	2.953	94	173854	43.261	ug/l	100
6) Chloroethane	3.124	64	146977	50.168	ug/l	100
7) Trichlorofluoromethane	3.506	101	547266	53.636	ug/l	100
8) Diethyl Ether	3.977	74	198743	53.563	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	313448	52.699	ug/l	100
10) Methyl Iodide	4.600	142	479367	56.184	ug/l	100
11) Tert butyl alcohol	5.536	59	237410	252.805	ug/l	100
12) 1,1-Dichloroethene	4.353	96	298818	52.907	ug/l	100
13) Acrolein	4.189	56	311898	242.457	ug/l	100
14) Allyl chloride	5.036	41	416700	56.422	ug/l	100
15) Acrylonitrile	5.736	53	694506	264.099	ug/l	100
16) Acetone	4.442	43	547774	274.388	ug/l	100
17) Carbon Disulfide	4.724	76	778833	54.263	ug/l	100
18) Methyl Acetate	5.036	43	373556	52.614	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	997476	54.353	ug/l	100
20) Methylene Chloride	5.289	84	339256	50.526	ug/l	100
21) trans-1,2-Dichloroethene	5.794	96	321633	54.053	ug/l	100
22) Diisopropyl ether	6.683	45	889534	54.065	ug/l	100
23) Vinyl Acetate	6.618	43	2944839	277.720	ug/l	100
24) 1,1-Dichloroethane	6.583	63	559758	53.593	ug/l	100
25) 2-Butanone	7.488	43	848790	258.464	ug/l	100
26) 2,2-Dichloropropane	7.500	77	466939	53.046	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	375997	53.972	ug/l	100
28) Bromochloromethane	7.824	49	218096	50.429	ug/l	100
29) Tetrahydrofuran	7.847	42	556499	266.304	ug/l	100
30) Chloroform	7.977	83	599652	52.296	ug/l	100
31) Cyclohexane	8.265	56	524830	42.144	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	548359	53.642	ug/l	100
36) 1,1-Dichloropropene	8.377	75	443736	52.980	ug/l	100
37) Ethyl Acetate	7.571	43	355745	53.250	ug/l	100
38) Carbon Tetrachloride	8.371	117	484702	53.114	ug/l	100
39) Methylcyclohexane	9.606	83	574745	56.571	ug/l	100
40) Benzene	8.612	78	1348835	52.899	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	191292	53.617	ug/l	100
42) 1,2-Dichloroethane	8.677	62	434813	51.314	ug/l	100
43) Isopropyl Acetate	8.694	43	588799	54.195	ug/l	100
44) Trichloroethene	9.353	130	353567	51.865	ug/l	100
45) 1,2-Dichloropropane	9.624	63	323907	52.361	ug/l	100
46) Dibromomethane	9.712	93	229526	51.739	ug/l	100
47) Bromodichloromethane	9.888	83	467722	52.685	ug/l	100
48) Methyl methacrylate	9.682	41	281178	54.182	ug/l	100
49) 1,4-Dioxane	9.700	88	128001	1047.089	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	1753380	269.286	ug/l	100
52) Toluene	10.635	92	888272	54.583	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	489935	57.018	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	547936	56.519	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	336785	52.871	ug/l	100
56) Ethyl methacrylate	10.876	69	506325	59.219	ug/l	100
57) 1,3-Dichloropropane	11.165	76	560867	53.349	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	784517	267.245	ug/l	100
59) 2-Hexanone	11.200	43	1266229	267.670	ug/l	100
60) Dibromochloromethane	11.359	129	373341	55.156	ug/l	100
61) 1,2-Dibromoethane	11.471	107	350337	55.057	ug/l	100
64) Tetrachloroethene	11.106	164	347100	47.429	ug/l	100
65) Chlorobenzene	11.894	112	931581	51.962	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	353432	53.793	ug/l	100
67) Ethyl Benzene	11.965	91	1715394	54.355	ug/l	100
68) m/p-Xylenes	12.076	106	1353333	110.574	ug/l	100
69) o-Xylene	12.400	106	667483	55.492	ug/l	100
70) Styrene	12.412	104	1100174	57.509	ug/l	100
71) Bromoform	12.582	173	262057	55.894	ug/l #	100
73) Isopropylbenzene	12.700	105	1755340	52.386	ug/l	100
74) N-amyl acetate	12.494	43	520802	53.324	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	474811	48.892	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	419456m	45.991	ug/l	
77) Bromobenzene	12.982	156	397185	50.381	ug/l	100
78) n-propylbenzene	13.035	91	2012457	53.978	ug/l	100
79) 2-Chlorotoluene	13.129	91	1201769	50.777	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	1508656	53.112	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	144647	56.253	ug/l	100
82) 4-Chlorotoluene	13.129	91	1201769	50.777	ug/l	100
83) tert-Butylbenzene	13.441	119	1344638	53.235	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1506409	53.460	ug/l	100
85) sec-Butylbenzene	13.617	105	1873046	55.011	ug/l	100
86) p-Isopropyltoluene	13.735	119	1573845	56.763	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	753081	51.567	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	744244	50.522	ug/l	100
89) n-Butylbenzene	14.059	91	1279311	58.162	ug/l	100
90) Hexachloroethane	14.335	117	257910	54.478	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	737327	51.451	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	84321	50.373	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	350955	55.569	ug/l	100
94) Hexachlorobutadiene	15.506	225	187489	51.705	ug/l	100
95) Naphthalene	15.641	128	1037592	55.777	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	333388	54.910	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

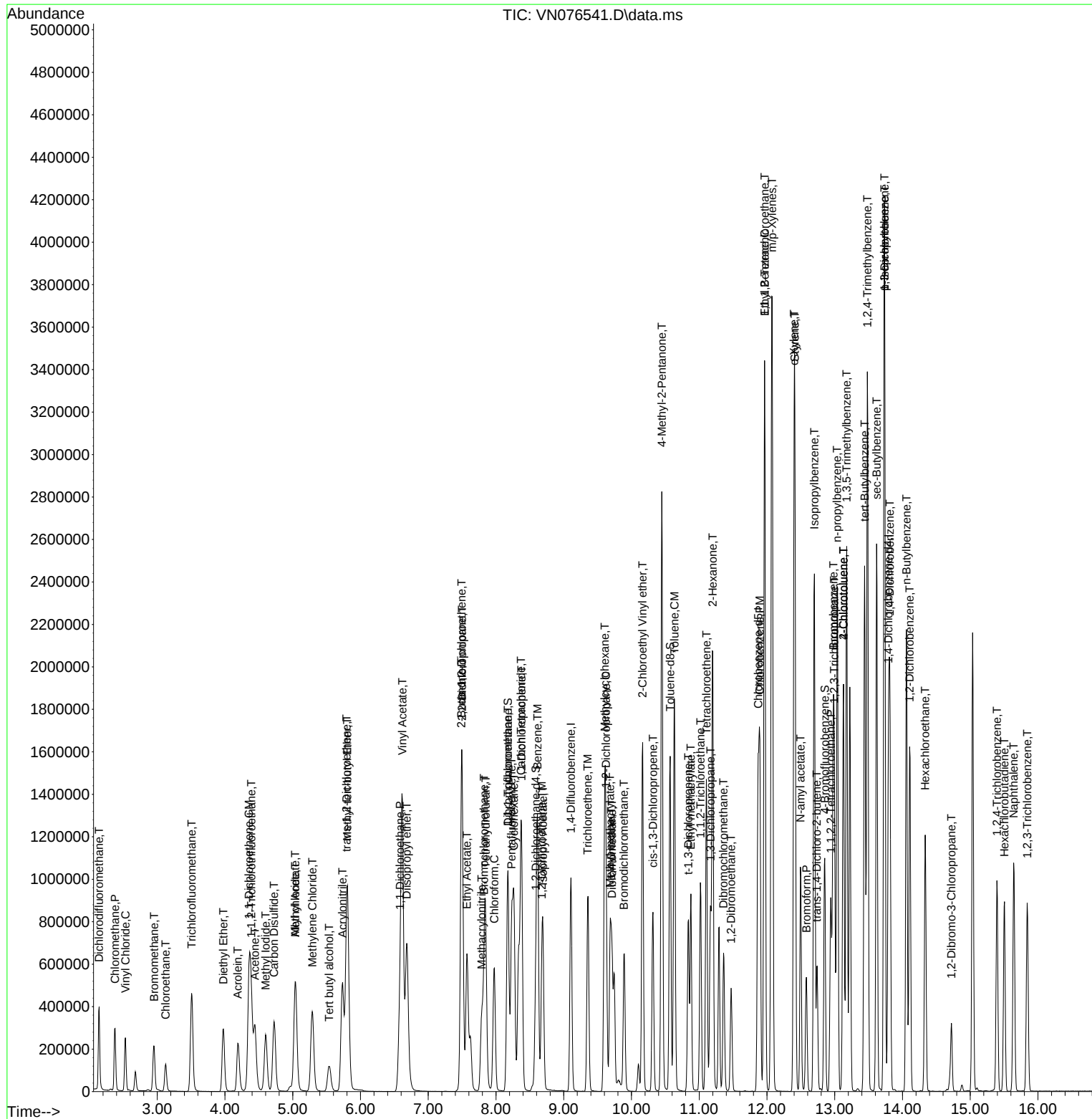
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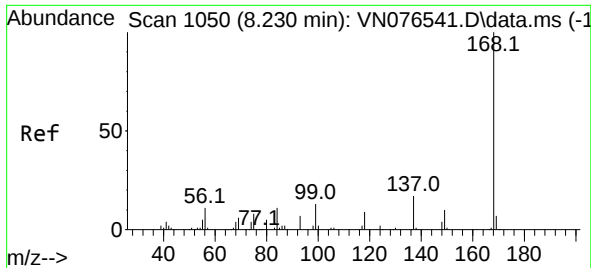
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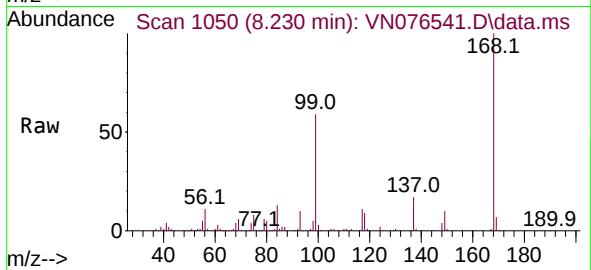
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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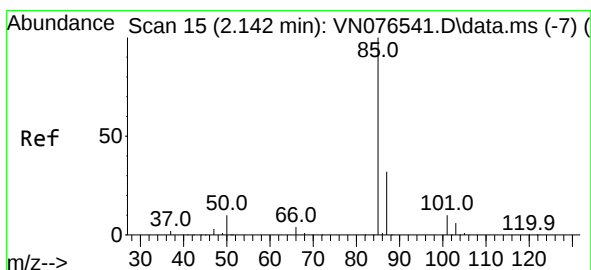
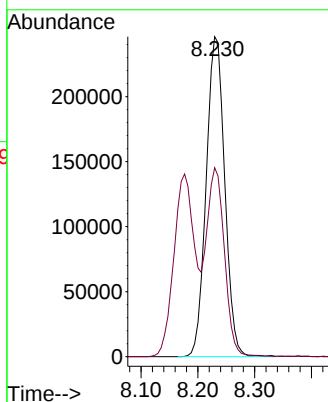
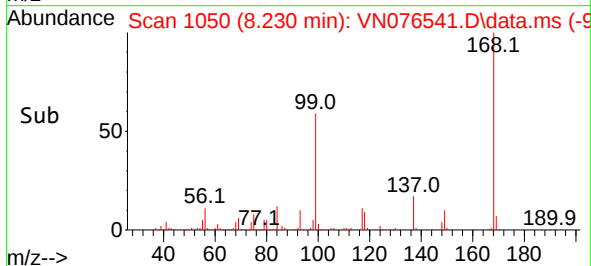
Instrument :
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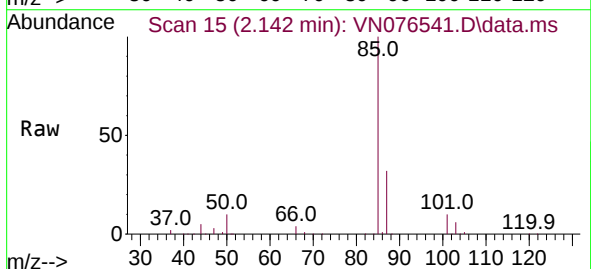
Tgt Ion:168 Resp: 557960
Ion Ratio Lower Upper
168 100
99 58.9 47.1 70.7

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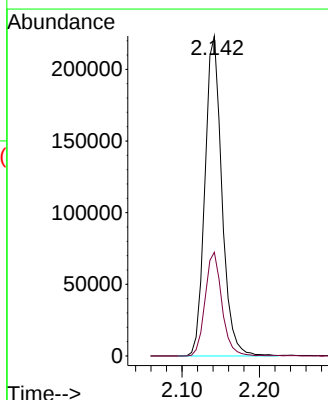
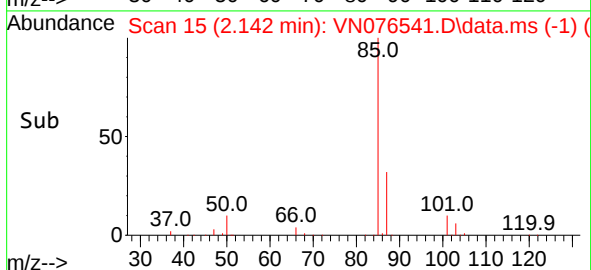
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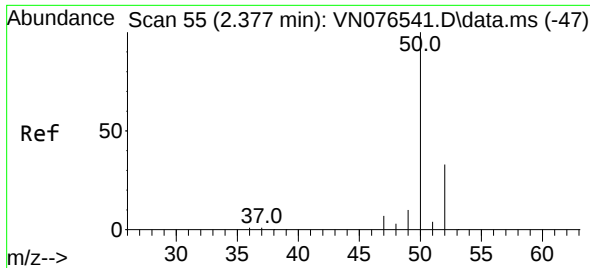


#2
Dichlorodifluoromethane
Concen: 53.970 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.000 min
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Tgt Ion: 85 Resp: 339141
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6





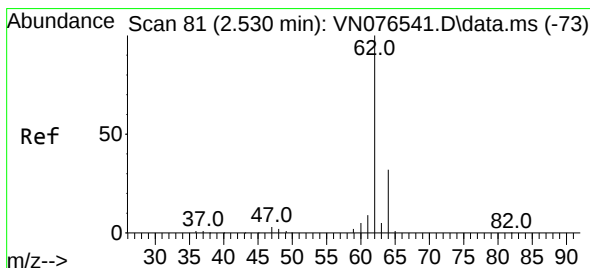
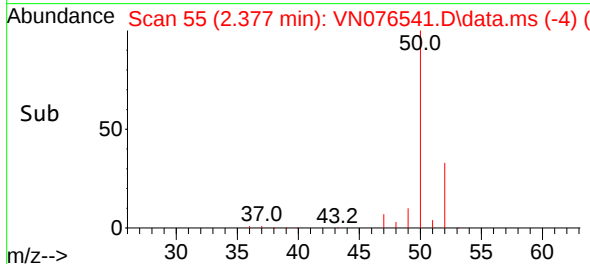
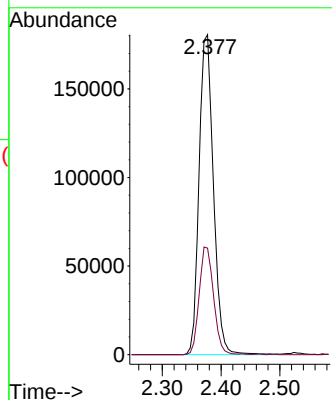
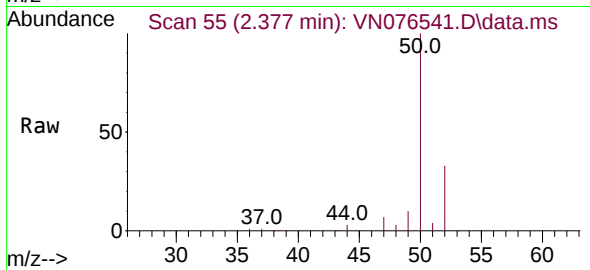
#3
Chloromethane
Concen: 54.059 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

Instrument :
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Tgt Ion: 50 Resp: 306568
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0

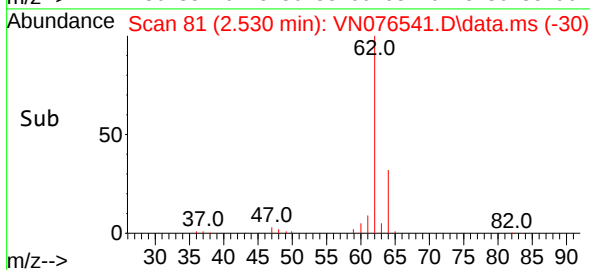
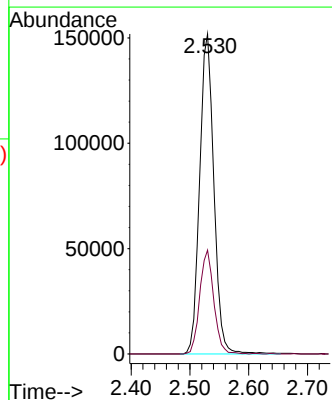
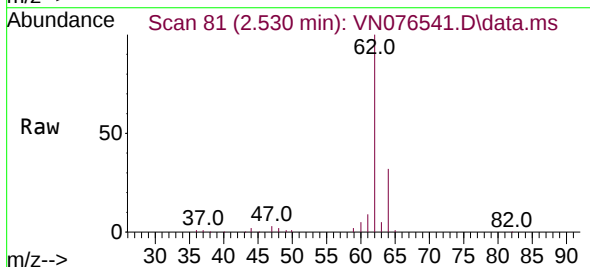
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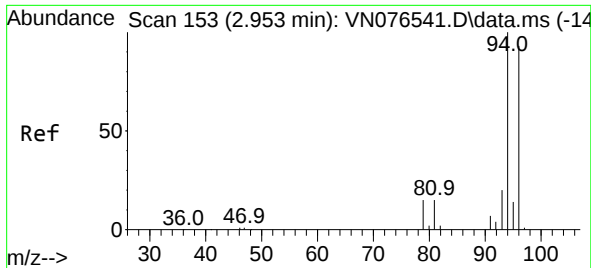
Reviewed By :John Carlone 02/07/2023
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#4
Vinyl Chloride
Concen: 54.438 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

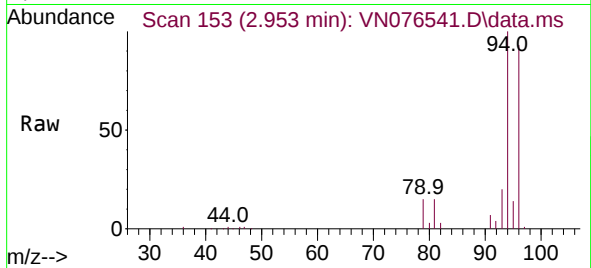
Tgt Ion: 62 Resp: 255306
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9





#5
Bromomethane
Concen: 43.261 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076541.D
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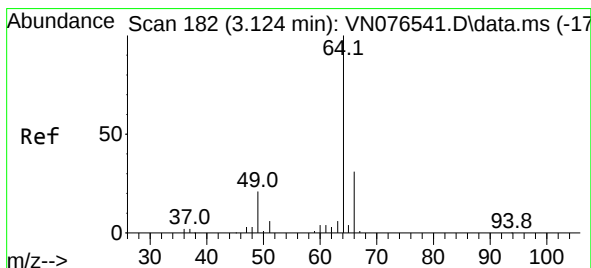
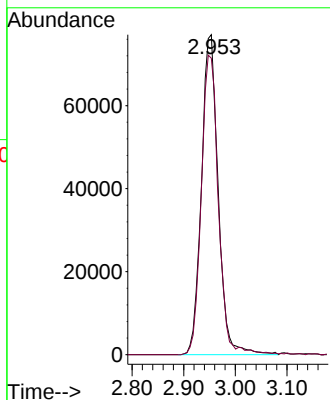
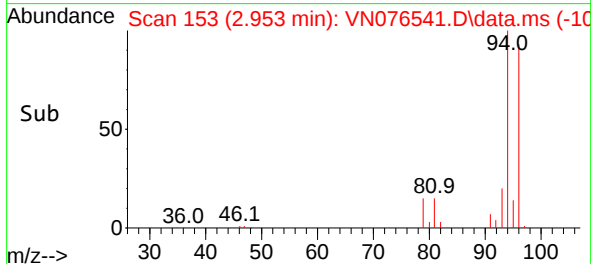
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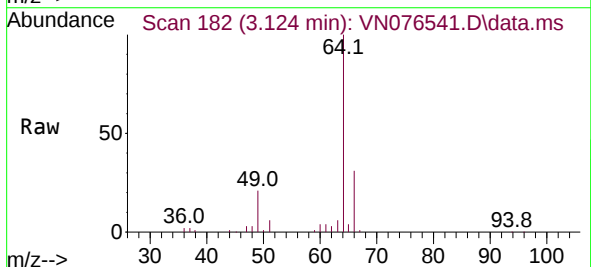
Tgt Ion: 94 Resp: 173854
Ion Ratio Lower Upper
94 100
96 92.6 74.1 111.1

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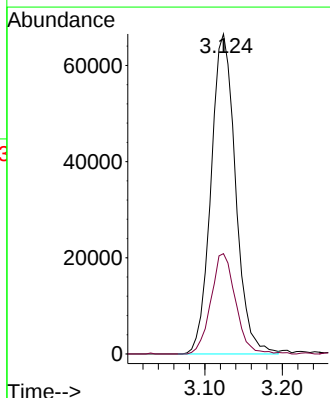
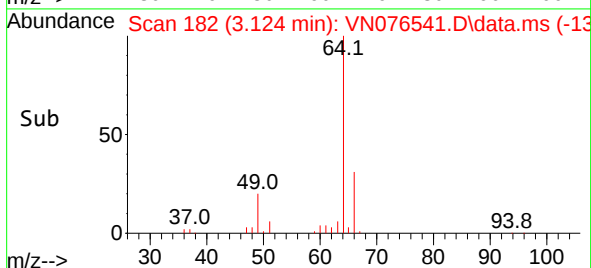
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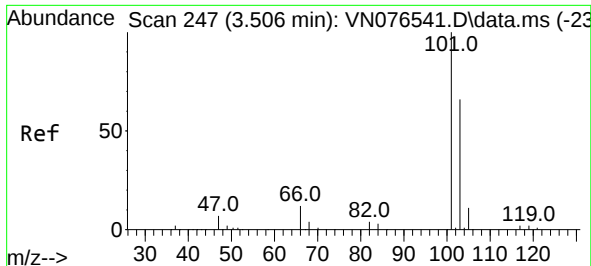


#6
Chloroethane
Concen: 50.168 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58



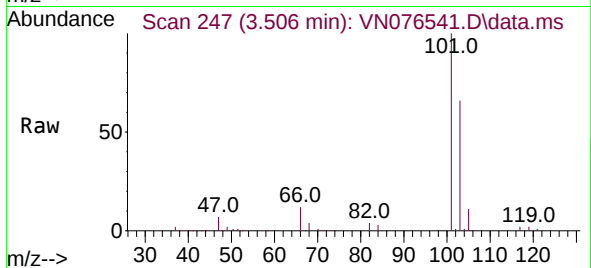
Tgt Ion: 64 Resp: 146977
Ion Ratio Lower Upper
64 100
66 31.3 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 53.636 ug/l
 RT: 3.506 min Scan# 247
 Delta R.T. 0.000 min
 Lab File: VN076541.D
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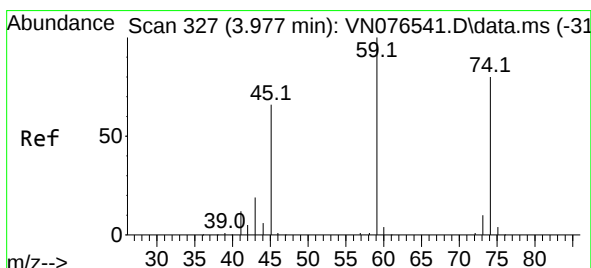
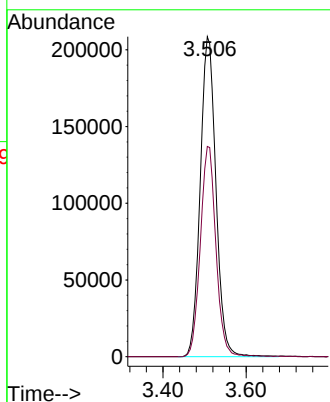
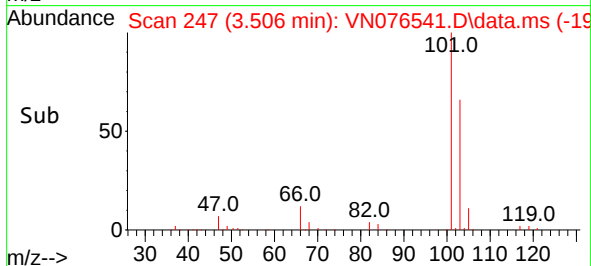
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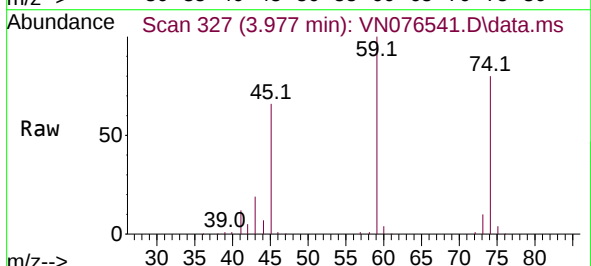
Tgt Ion:101 Resp: 547260
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.6 78.8

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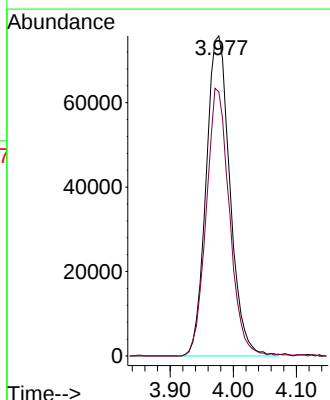
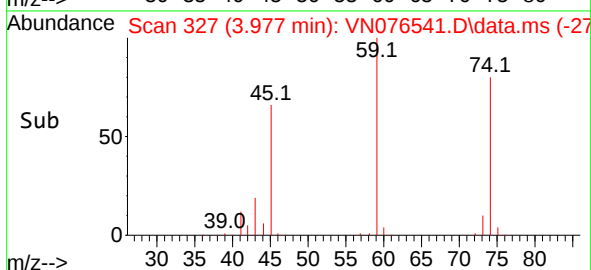
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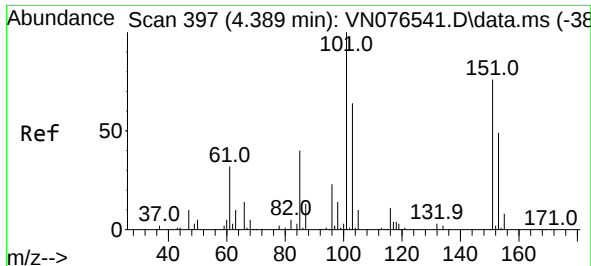


#8
 Diethyl Ether
 Concen: 53.563 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.000 min
 Lab File: VN076541.D
 Acq: 06 Feb 2023 13:58



Tgt Ion: 74 Resp: 198743
 Ion Ratio Lower Upper
 74 100
 45 81.7 40.8 122.5





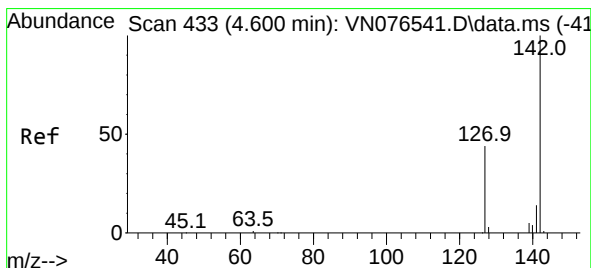
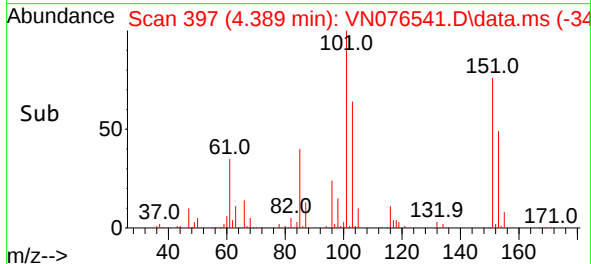
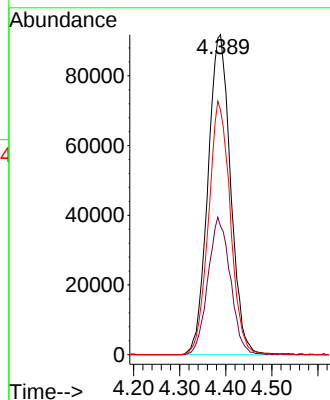
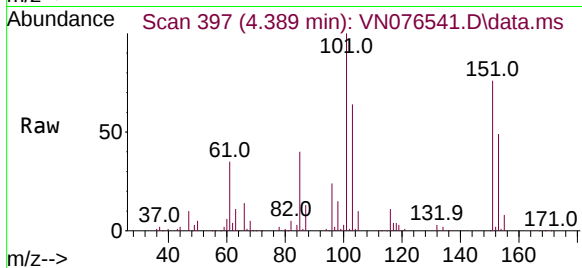
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.699 ug/l
RT: 4.389 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 313448
Ion Ratio Lower Upper
101 100
85 42.4 33.9 50.9
151 76.5 61.2 91.8

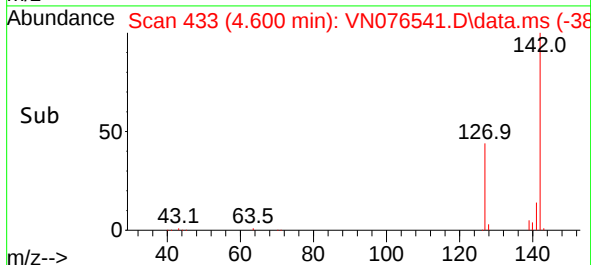
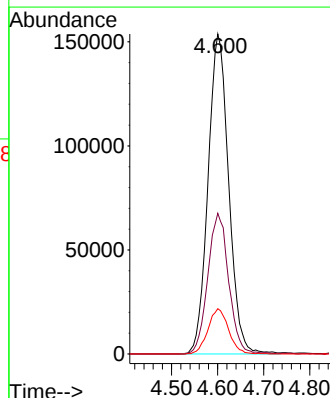
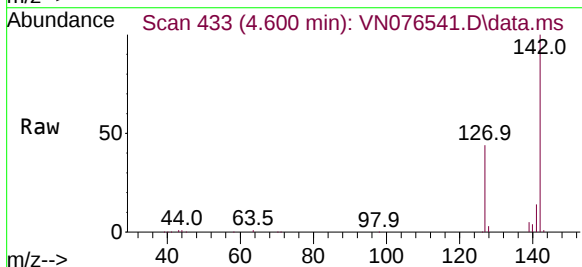
Manual Integrations
APPROVED

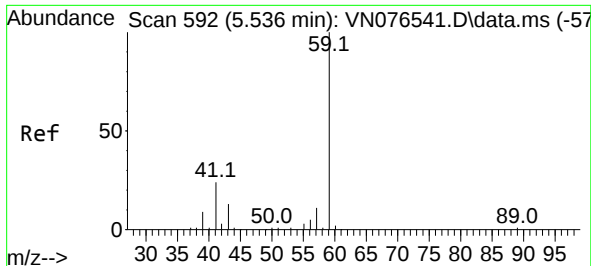
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#10
Methyl Iodide
Concen: 56.184 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

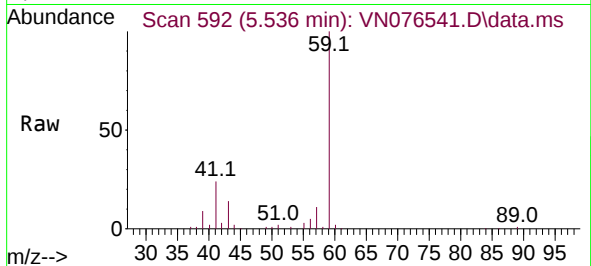
Tgt Ion:142 Resp: 479367
Ion Ratio Lower Upper
142 100
127 44.4 35.5 53.3
141 14.1 11.3 16.9





#11
Tert butyl alcohol
Concen: 252.805 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

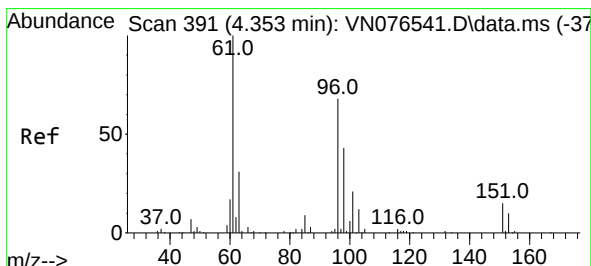
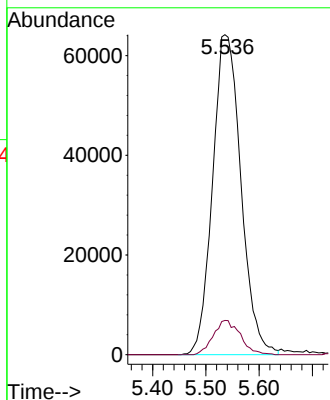
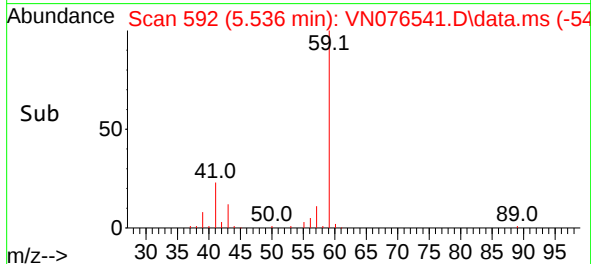
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



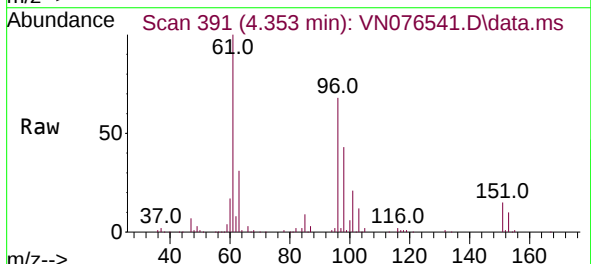
Tgt Ion: 59 Resp: 237410
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

Manual Integrations
APPROVED

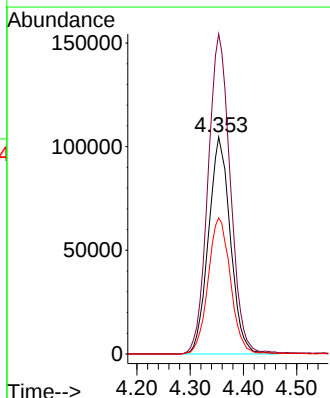
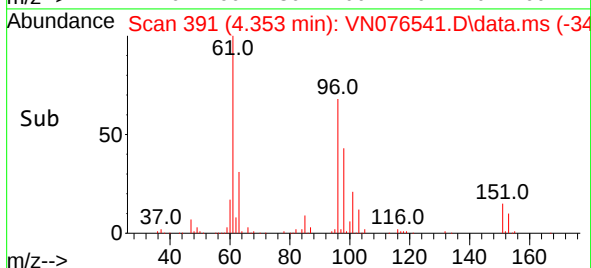
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

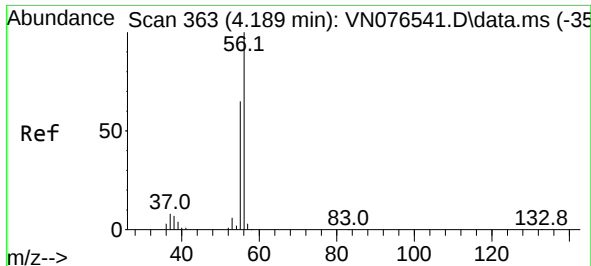


#12
1,1-Dichloroethene
Concen: 52.907 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58



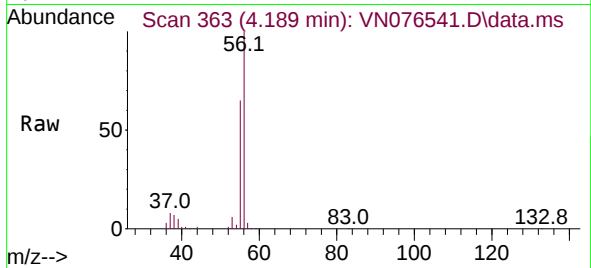
Tgt Ion: 96 Resp: 298818
Ion Ratio Lower Upper
96 100
61 147.4 117.9 176.9
98 62.7 50.2 75.2





#13
Acrolein
Concen: 242.457 ug/l
RT: 4.189 min Scan# 363
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

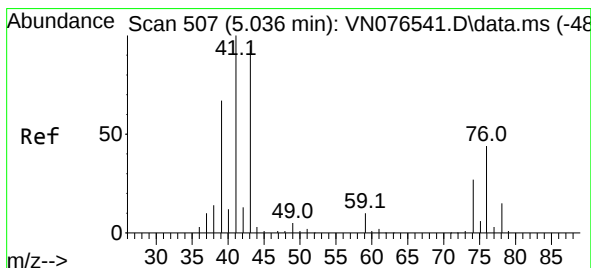
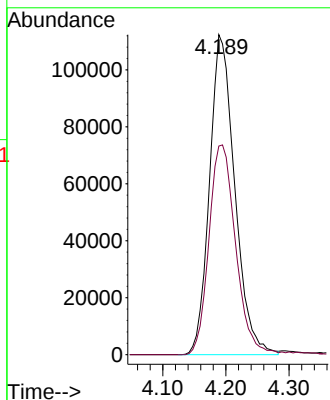
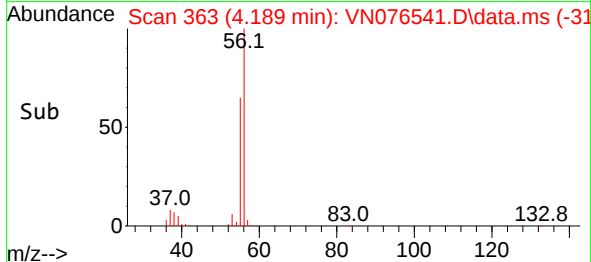
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 311898
Ion Ratio Lower Upper
56 100
55 69.3 55.4 83.2

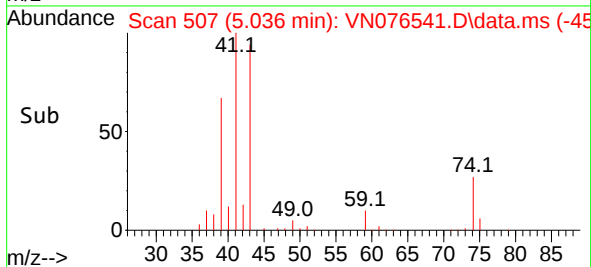
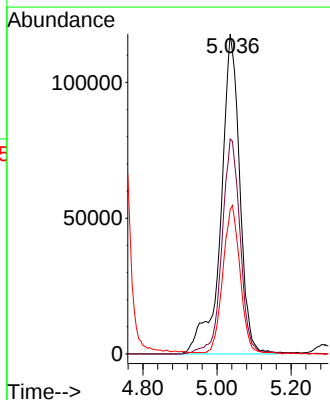
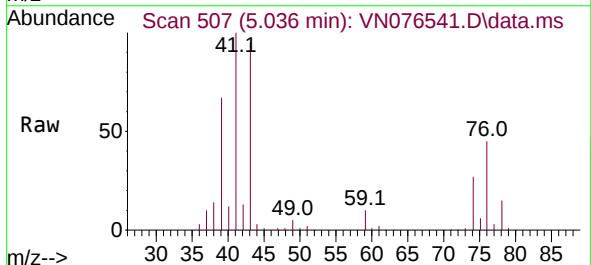
Manual Integrations
APPROVED

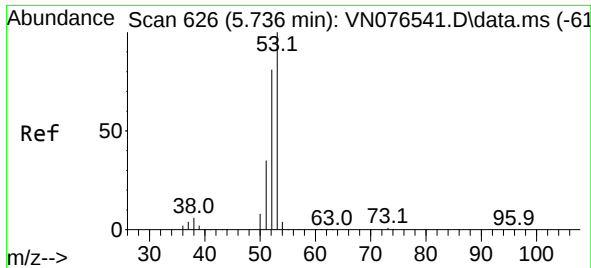
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#14
Allyl chloride
Concen: 56.422 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

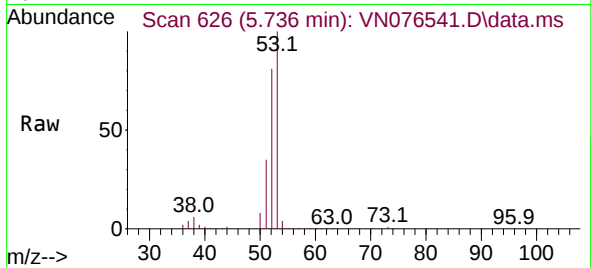
Tgt Ion: 41 Resp: 416700
Ion Ratio Lower Upper
41 100
39 64.5 51.6 77.4
76 41.4 33.1 49.7





#15
Acrylonitrile
Concen: 264.099 ug/l
RT: 5.736 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

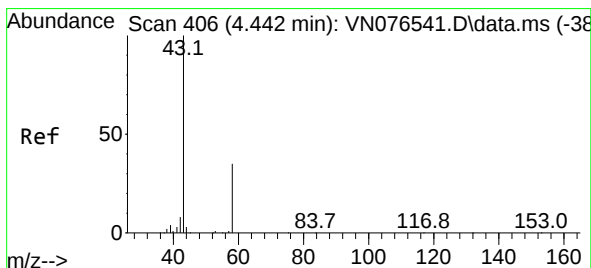
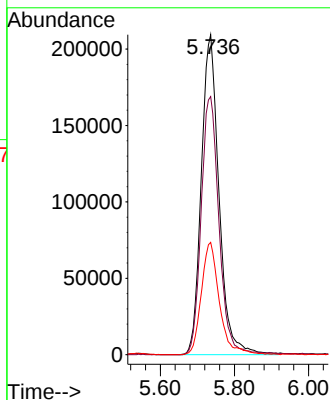
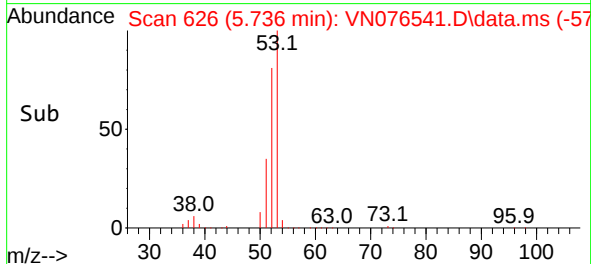
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 694500
Ion Ratio Lower Upper
53 100
52 81.2 65.0 97.4
51 35.9 28.7 43.1

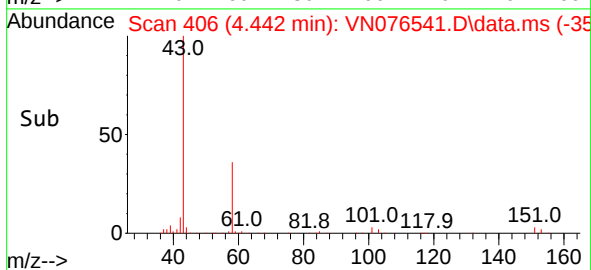
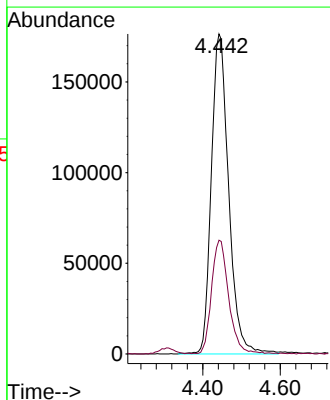
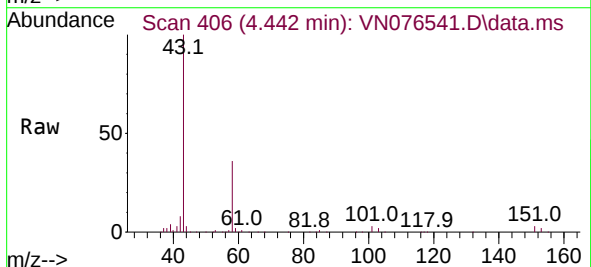
Manual Integrations
APPROVED

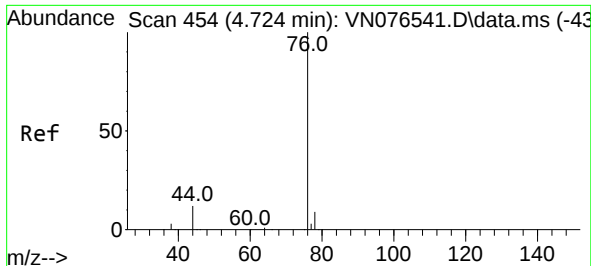
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#16
Acetone
Concen: 274.388 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

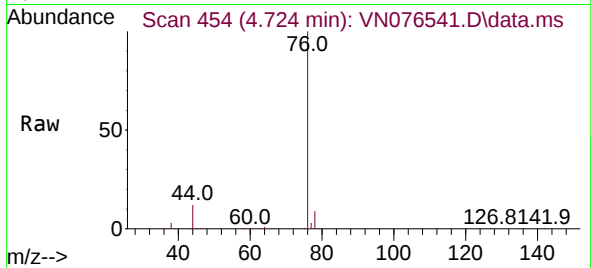
Tgt Ion: 43 Resp: 547774
Ion Ratio Lower Upper
43 100
58 35.4 28.3 42.5





#17
Carbon Disulfide
Concen: 54.263 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

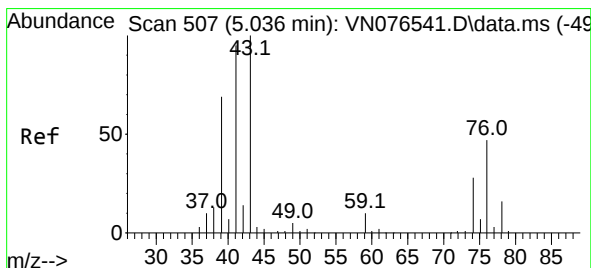
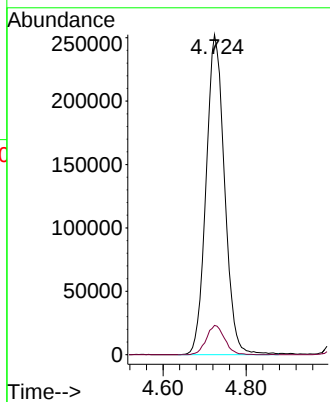
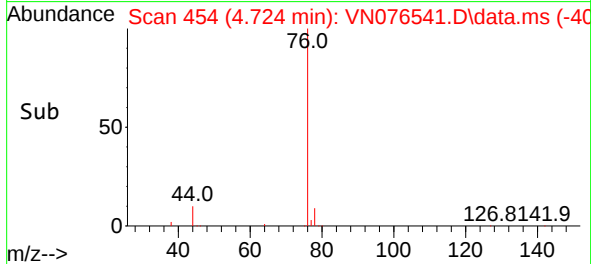
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC050



Tgt Ion: 76 Resp: 77883
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

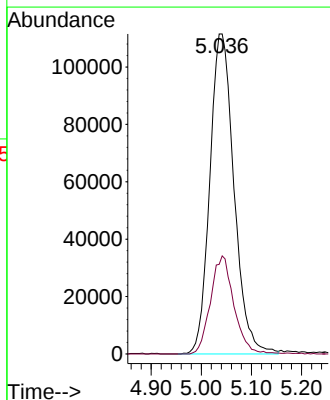
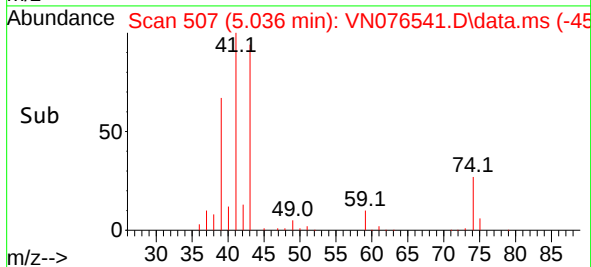
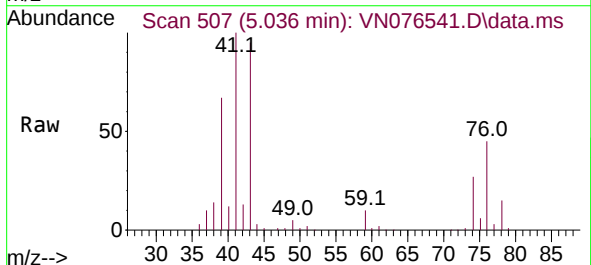
Manual Integrations
APPROVED

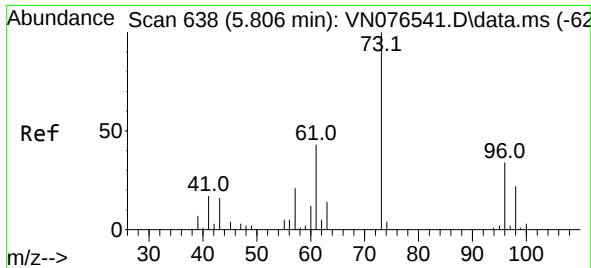
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#18
Methyl Acetate
Concen: 52.614 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

Tgt Ion: 43 Resp: 373556
Ion Ratio Lower Upper
43 100
74 29.5 23.6 35.4





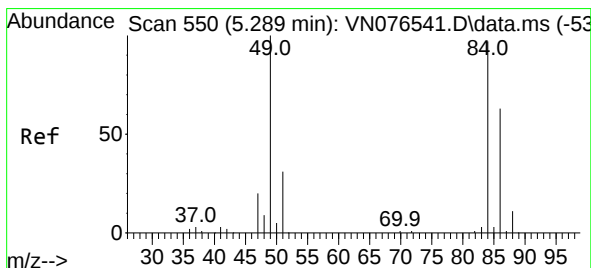
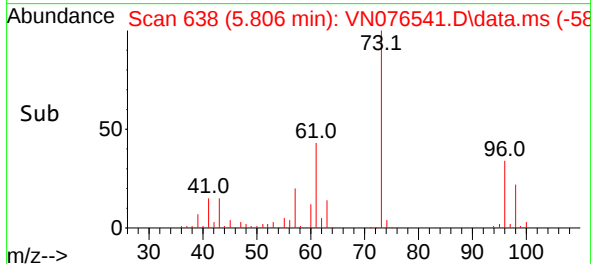
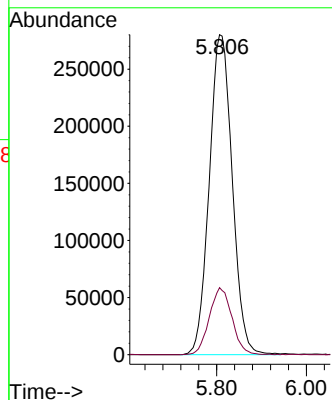
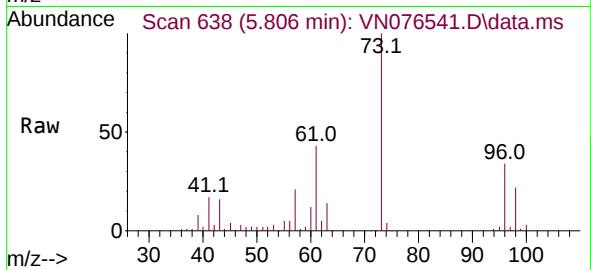
#19
Methyl tert-butyl Ether
Concen: 54.353 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 997470
Ion Ratio Lower Upper
73 100
57 21.0 16.8 25.2

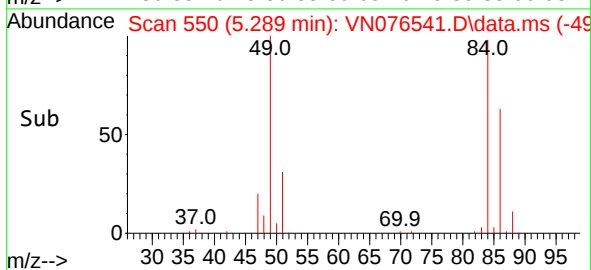
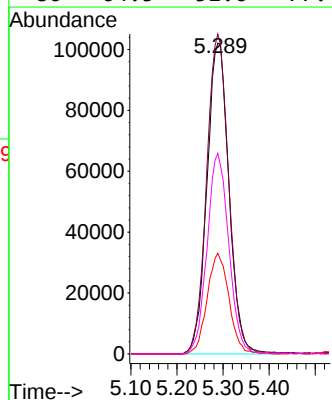
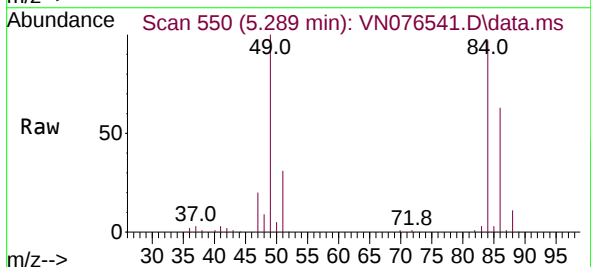
Manual Integrations
APPROVED

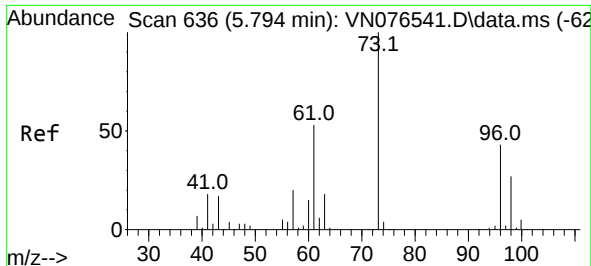
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#20
Methylene Chloride
Concen: 50.526 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

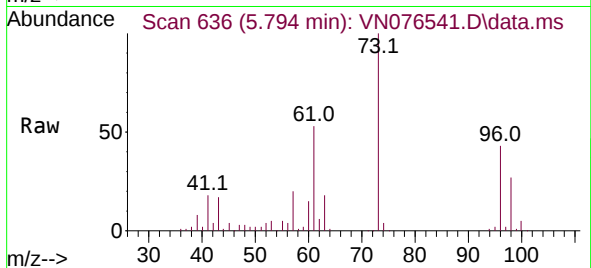
Tgt Ion: 84 Resp: 339256
Ion Ratio Lower Upper
84 100
49 102.9 82.3 123.5
51 32.4 25.9 38.9
86 64.5 51.6 77.4





#21
trans-1,2-Dichloroethene
Concen: 54.053 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

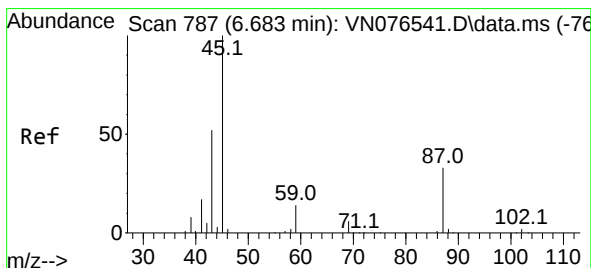
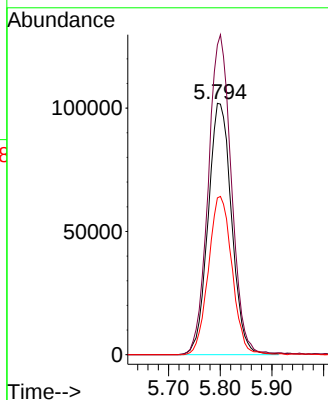
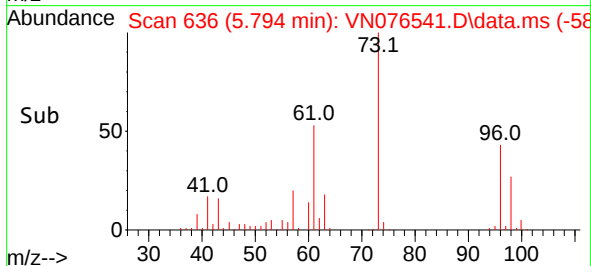
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



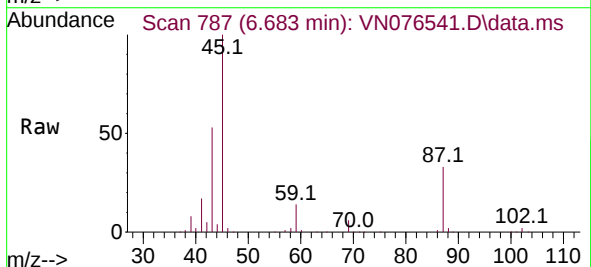
Tgt Ion: 96 Resp: 32163
Ion Ratio Lower Upper
96 100
61 123.3 98.6 148.0
98 62.4 49.9 74.9

Manual Integrations
APPROVED

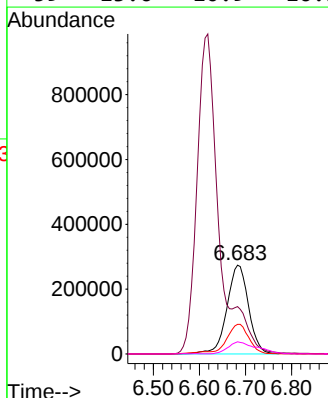
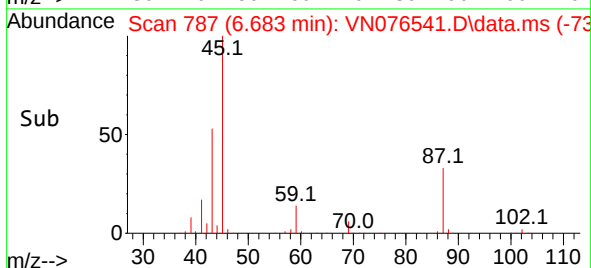
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

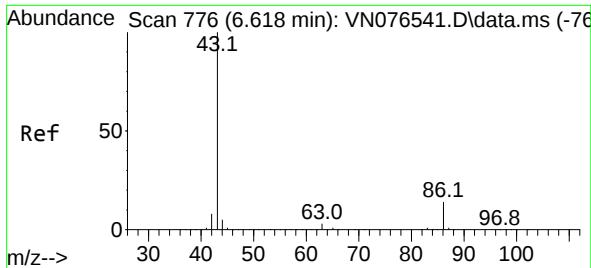


#22
Diisopropyl ether
Concen: 54.065 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58



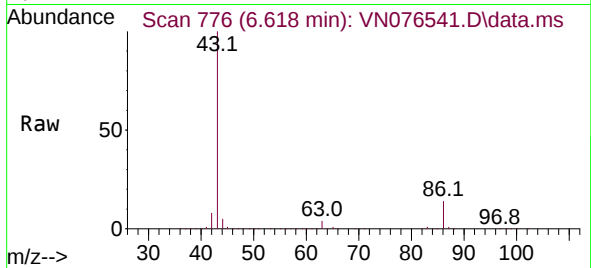
Tgt Ion: 45 Resp: 889534
Ion Ratio Lower Upper
45 100
43 52.2 41.8 62.6
87 33.2 26.6 39.8
59 13.6 10.9 16.3





#23
 Vinyl Acetate
 Concen: 277.720 ug/l
 RT: 6.618 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VN076541.D
 Acq: 06 Feb 2023 13:58

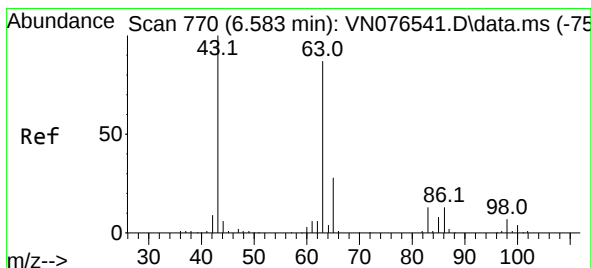
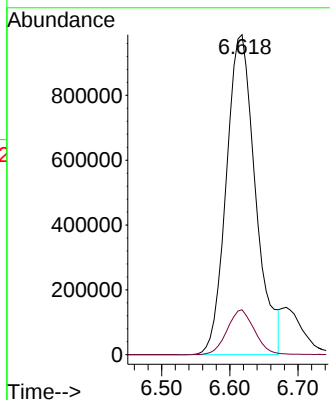
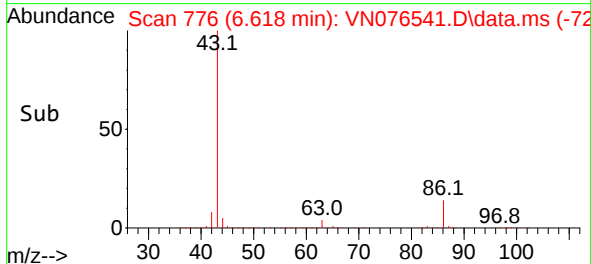
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



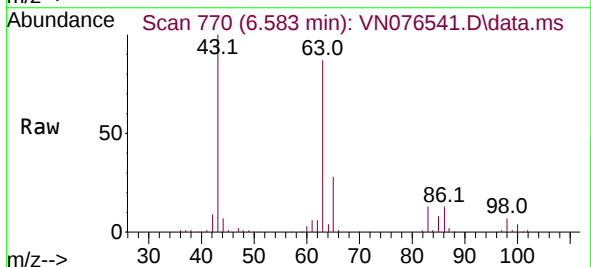
Tgt Ion: 43 Resp: 2944839
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.3 16.9

Manual Integrations
 APPROVED

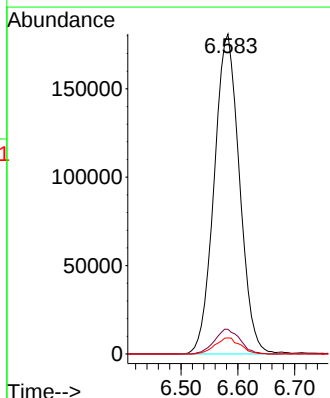
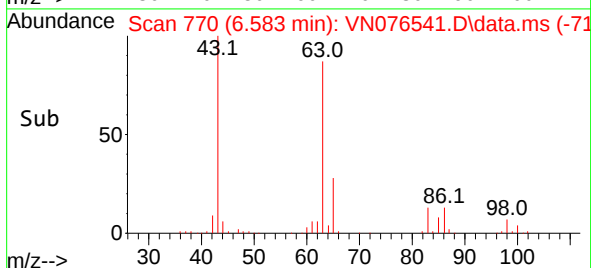
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023

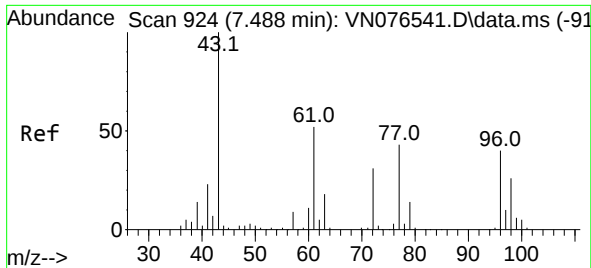


#24
 1,1-Dichloroethane
 Concen: 53.593 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VN076541.D
 Acq: 06 Feb 2023 13:58



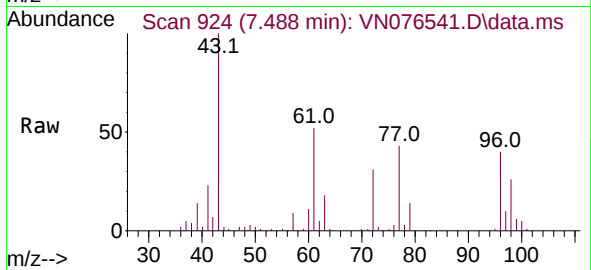
Tgt Ion: 63 Resp: 559758
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.5
 100 5.0 2.5 7.5





#25
2-Butanone
Concen: 258.464 ug/l
RT: 7.488 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

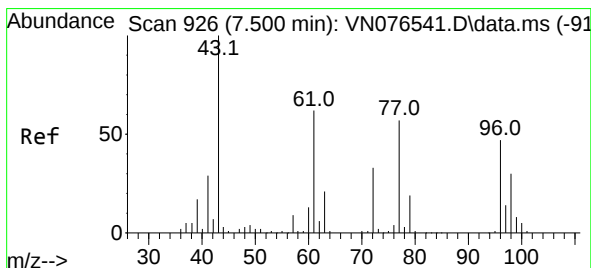
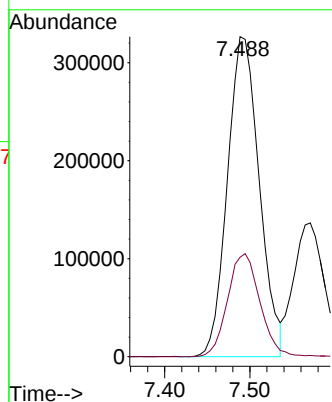
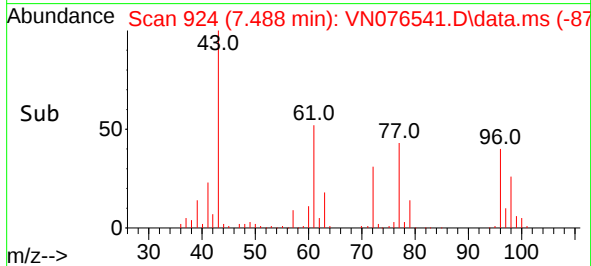
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



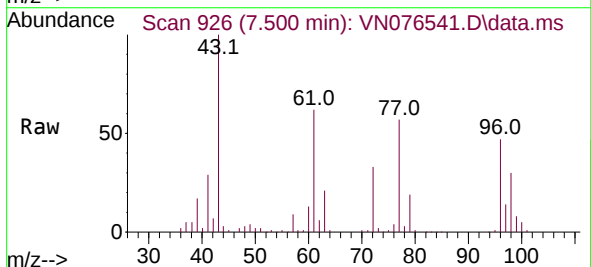
Tgt Ion: 43 Resp: 848790
Ion Ratio Lower Upper
43 100
72 31.0 24.8 37.2

Manual Integrations
APPROVED

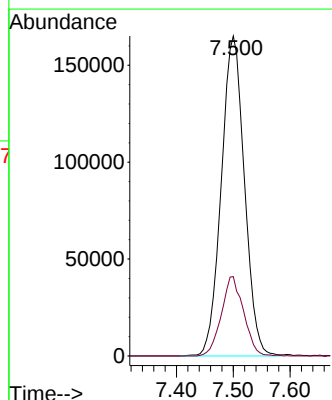
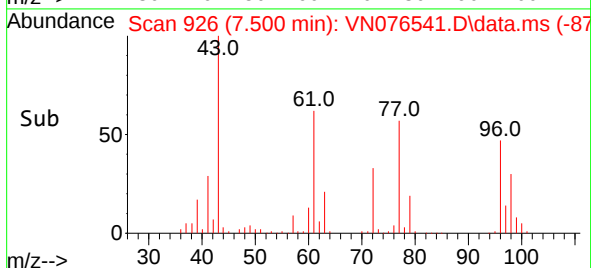
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

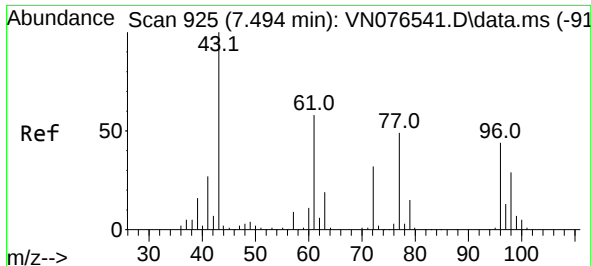


#26
2,2-Dichloropropane
Concen: 53.046 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58



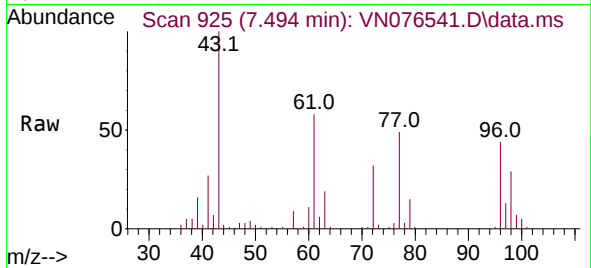
Tgt Ion: 77 Resp: 466939
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.7





#27
 cis-1,2-Dichloroethene
 Concen: 53.972 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076541.D
 Acq: 06 Feb 2023 13:58

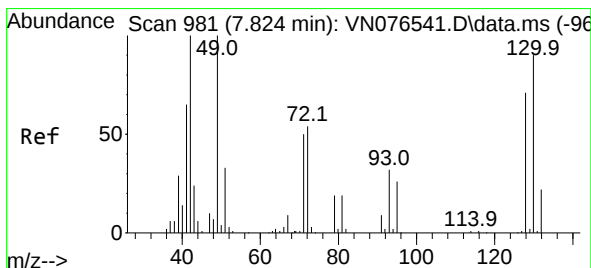
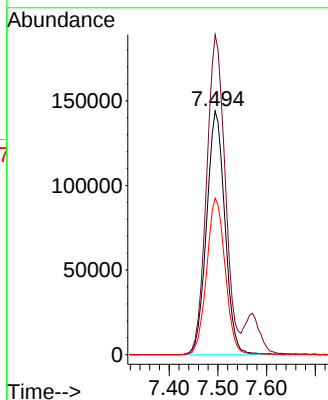
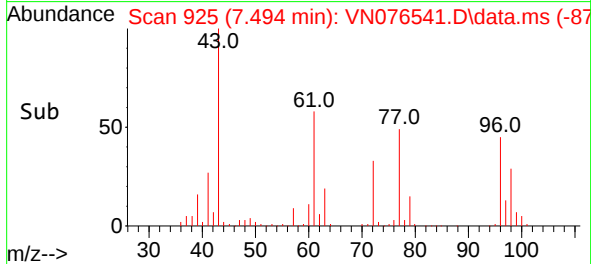
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 37599
 Ion Ratio Lower Upper
 96 100
 61 133.2 0.0 266.4
 98 64.8 0.0 129.6

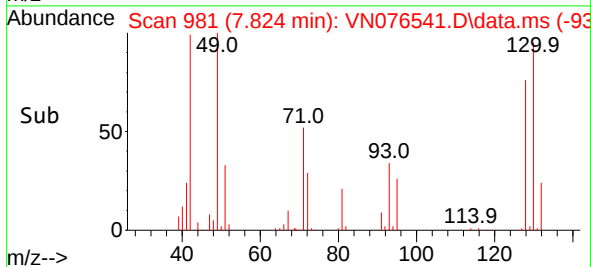
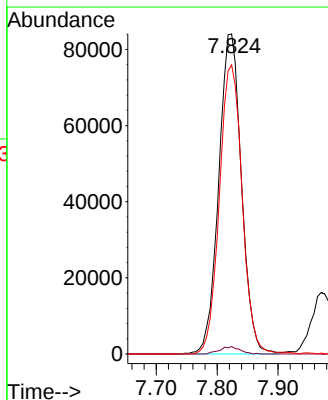
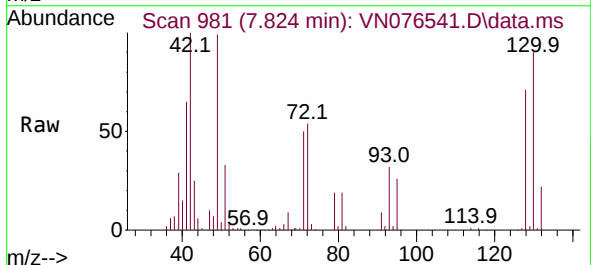
Manual Integrations
 APPROVED

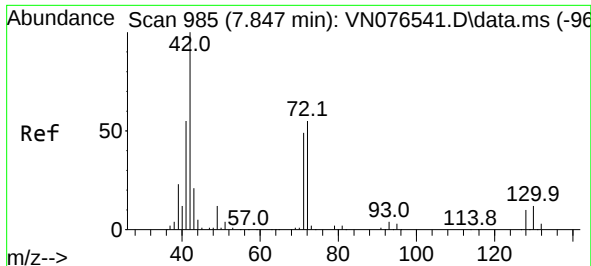
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023



#28
 Bromochloromethane
 Concen: 50.429 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VN076541.D
 Acq: 06 Feb 2023 13:58

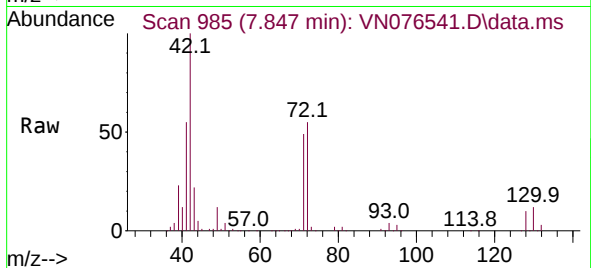
Tgt Ion: 49 Resp: 218096
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 90.7 72.6 108.8





#29
Tetrahydrofuran
Concen: 266.304 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

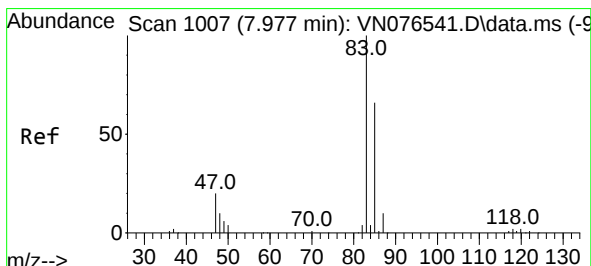
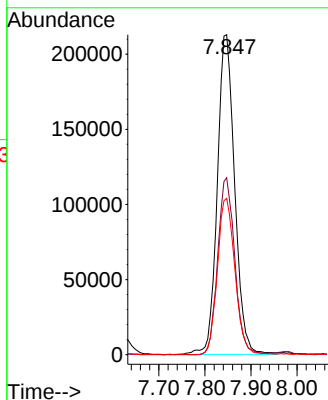
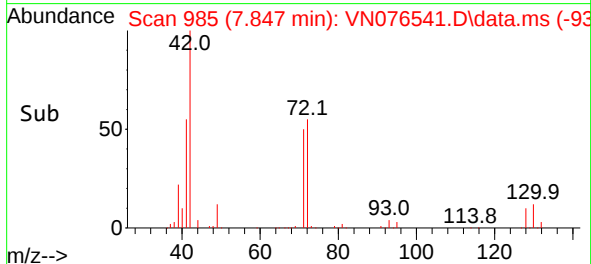
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



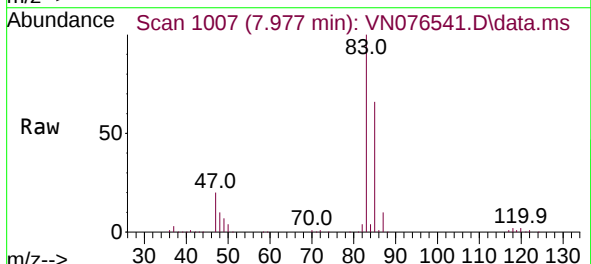
Tgt Ion: 42 Resp: 556495
Ion Ratio Lower Upper
42 100
72 54.3 43.4 65.2
71 49.3 39.4 59.2

Manual Integrations
APPROVED

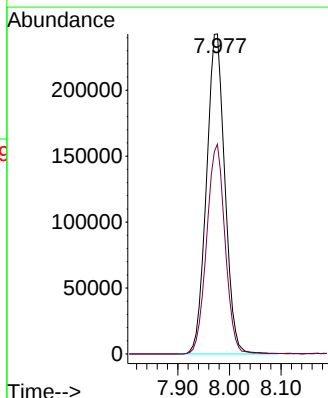
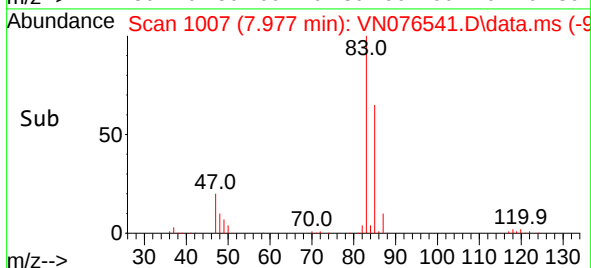
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

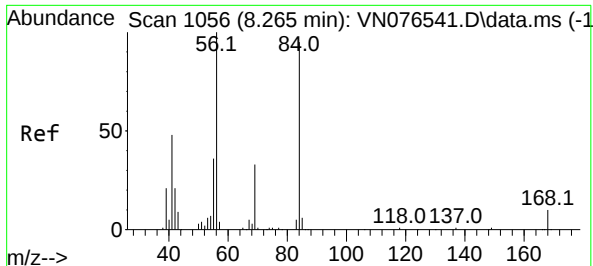


#30
Chloroform
Concen: 52.296 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58



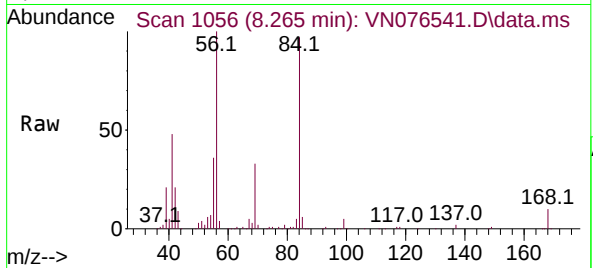
Tgt Ion: 83 Resp: 599652
Ion Ratio Lower Upper
83 100
85 65.6 52.5 78.7





#31
Cyclohexane
Concen: 42.144 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

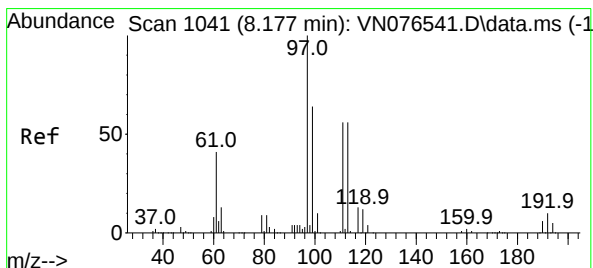
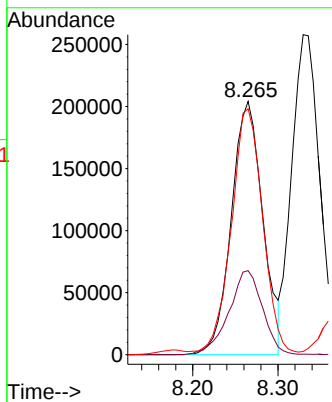
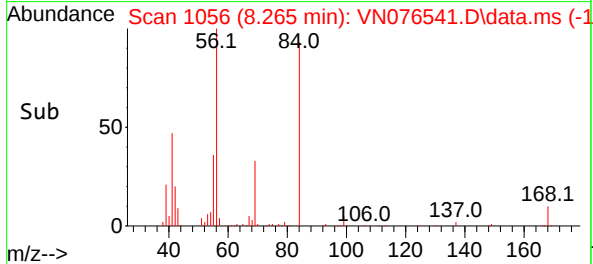
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 524830
Ion Ratio Lower Upper
56 100
69 33.1 26.5 39.7
84 95.3 76.2 114.4

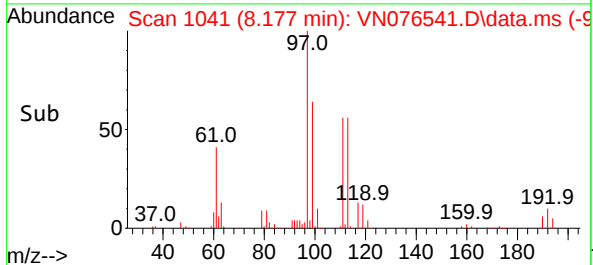
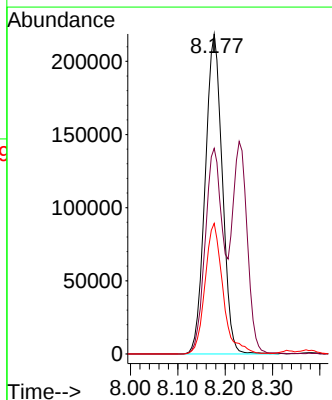
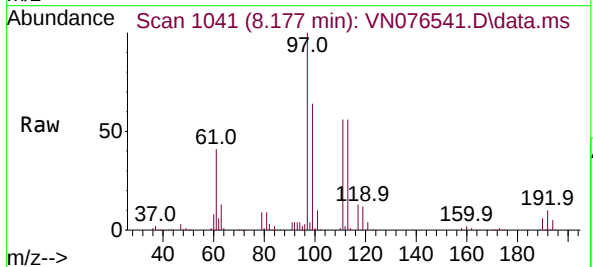
Manual Integrations
APPROVED

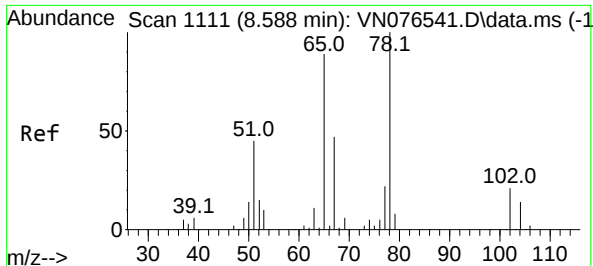
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#32
1,1,1-Trichloroethane
Concen: 53.642 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

Tgt Ion: 97 Resp: 548359
Ion Ratio Lower Upper
97 100
99 67.1 53.7 80.5
61 42.9 34.3 51.5





#33

1,2-Dichloroethane-d4

Concen: 35.006 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN076541.D

Acq: 06 Feb 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 33067

Ion Ratio Lower Upper

65 100

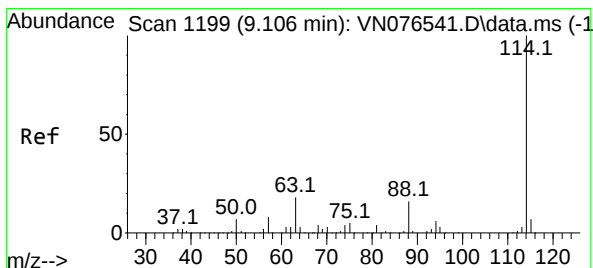
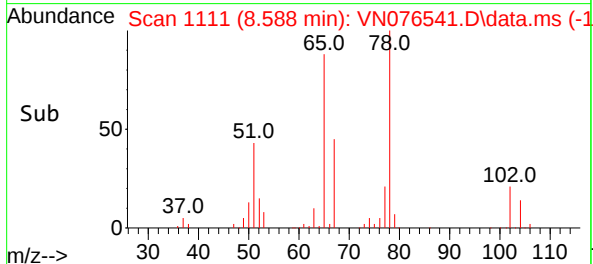
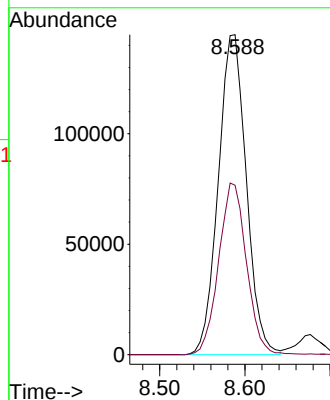
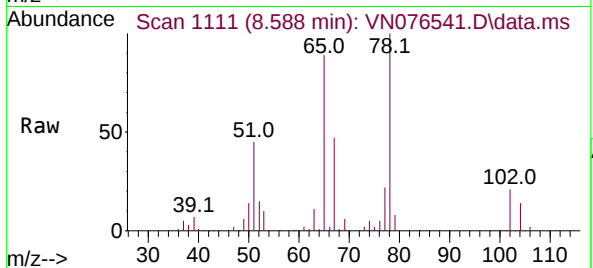
67 53.2 0.0 106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076541.D

Acq: 06 Feb 2023 13:58

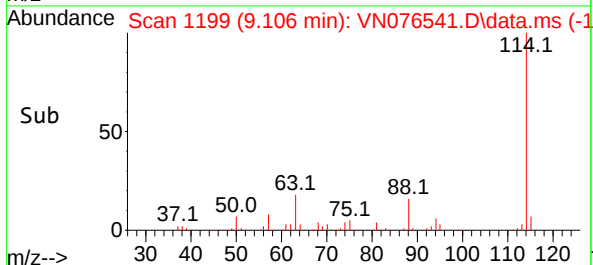
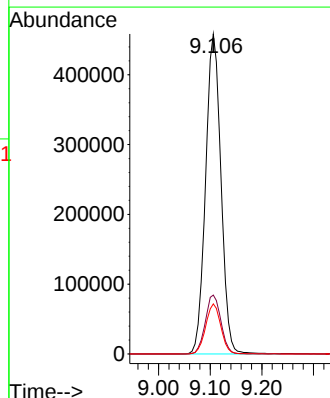
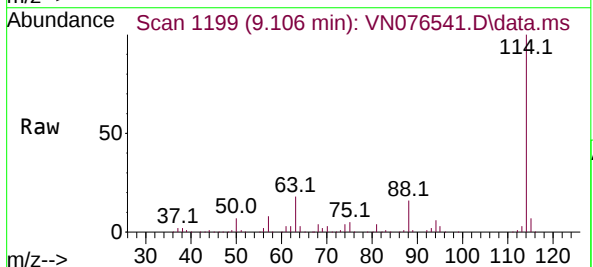
Tgt Ion:114 Resp: 947211

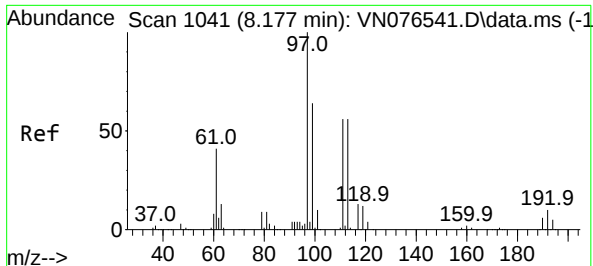
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 36.360 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VN076541.D

Acq: 06 Feb 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 297464

Ion Ratio Lower Upper

113 100

111 101.9 81.5 122.3

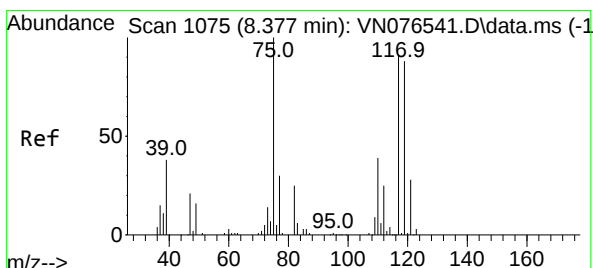
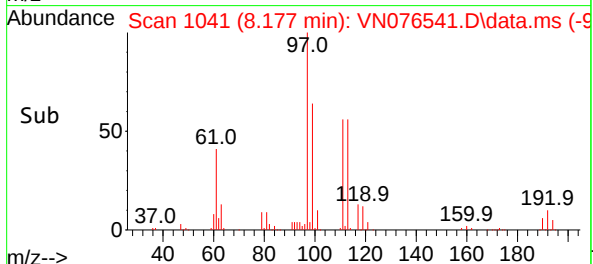
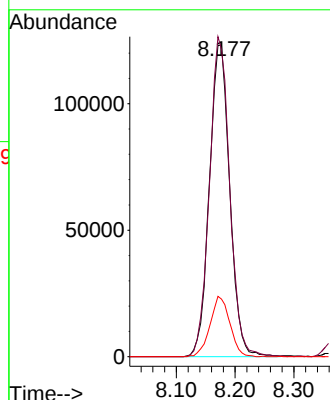
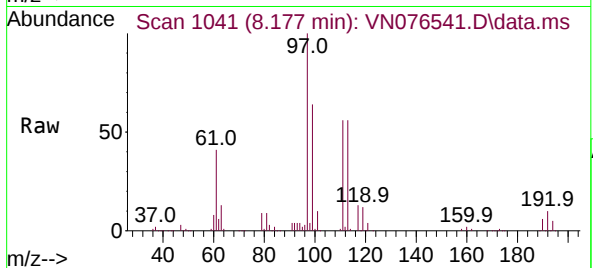
192 18.7 15.0 22.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#36

1,1-Dichloropropene

Concen: 52.980 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN076541.D

Acq: 06 Feb 2023 13:58

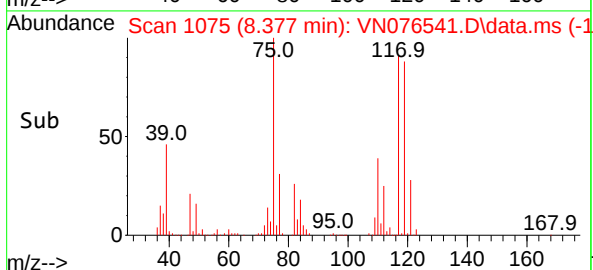
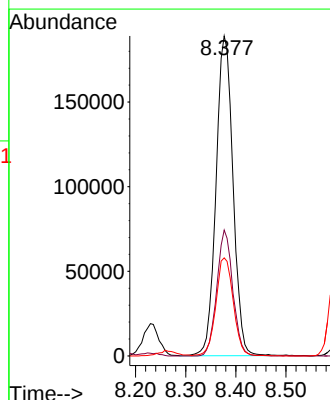
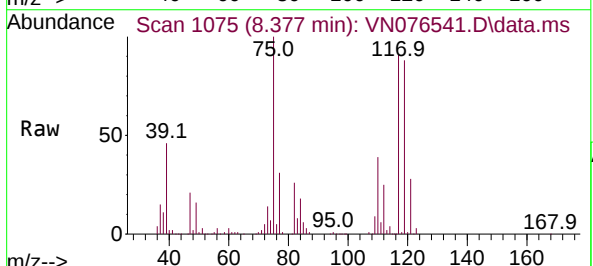
Tgt Ion: 75 Resp: 443736

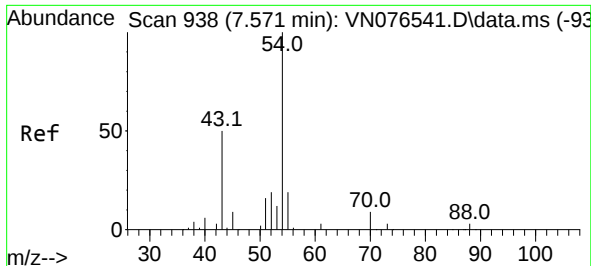
Ion Ratio Lower Upper

75 100

110 37.1 18.6 55.6

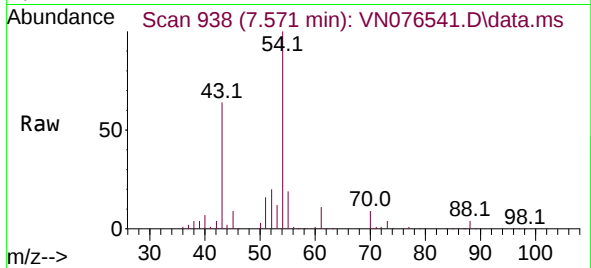
77 31.6 25.3 37.9





#37
Ethyl Acetate
Concen: 53.250 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

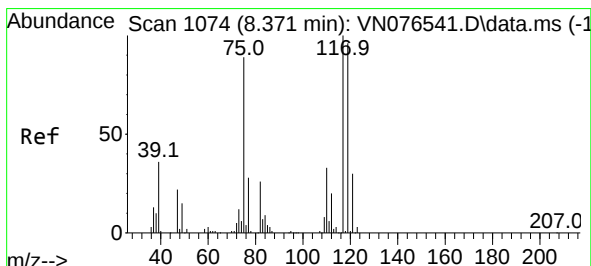
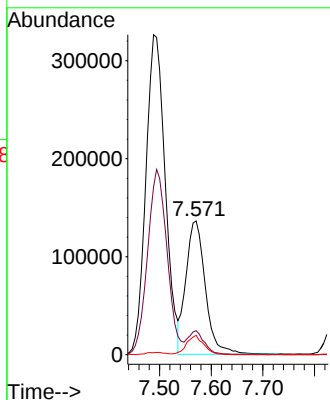
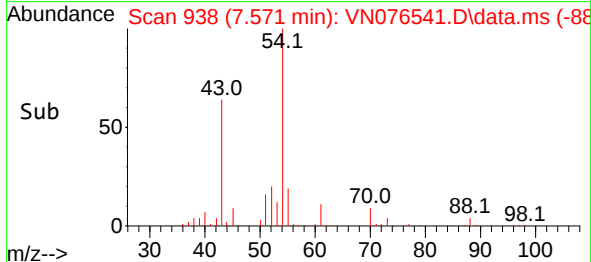
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 355749
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.6
70 12.8 10.2 15.4

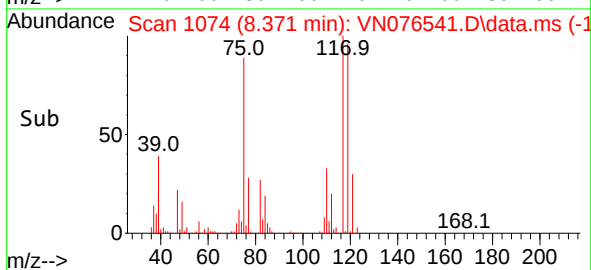
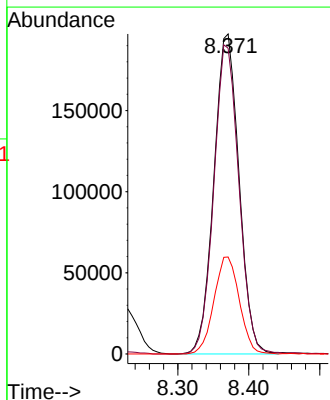
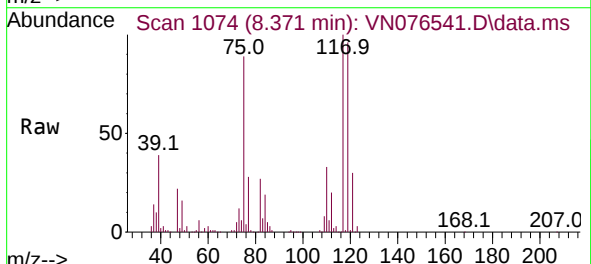
Manual Integrations
APPROVED

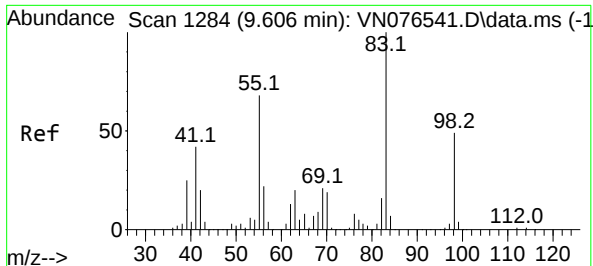
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#38
Carbon Tetrachloride
Concen: 53.114 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

Tgt Ion:117 Resp: 484702
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
121 30.3 24.2 36.4





#39

Methylcyclohexane

Concen: 56.571 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.000 min

Lab File: VN076541.D

Acq: 06 Feb 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 57474

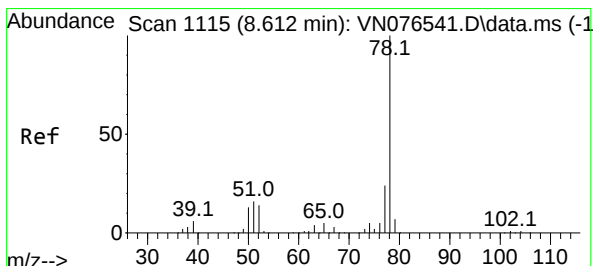
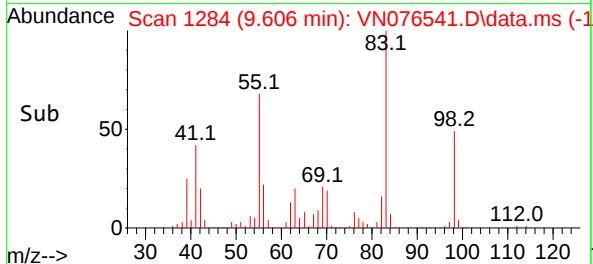
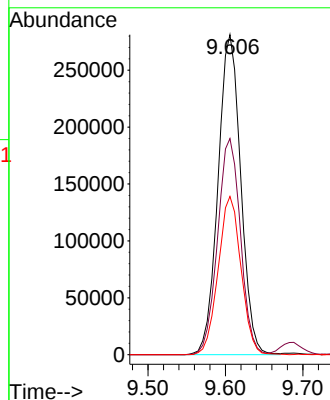
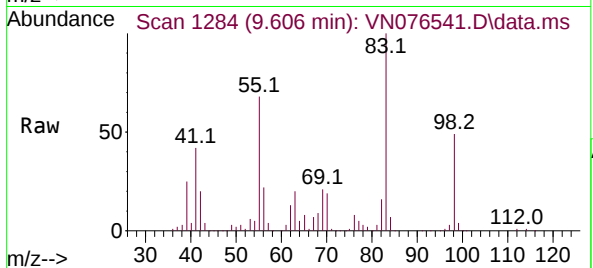
Ion	Ratio	Lower	Upper
83	100		
55	67.6	54.1	81.1
98	49.4	39.5	59.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#40

Benzene

Concen: 52.899 ug/l

RT: 8.612 min Scan# 1115

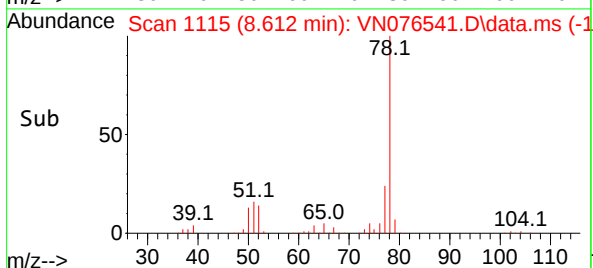
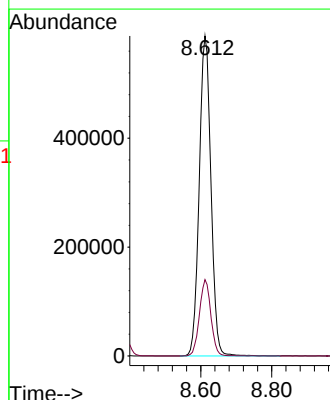
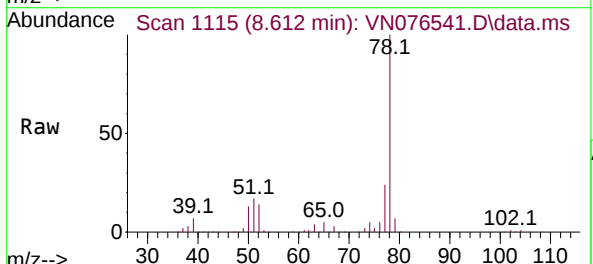
Delta R.T. 0.000 min

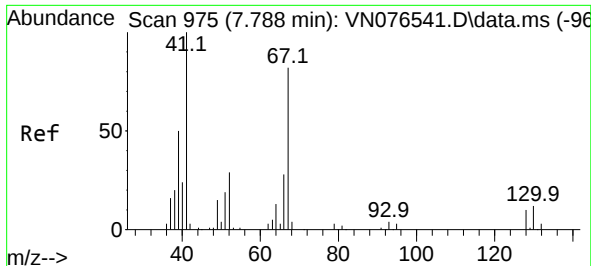
Lab File: VN076541.D

Acq: 06 Feb 2023 13:58

Tgt Ion: 78 Resp: 1348835

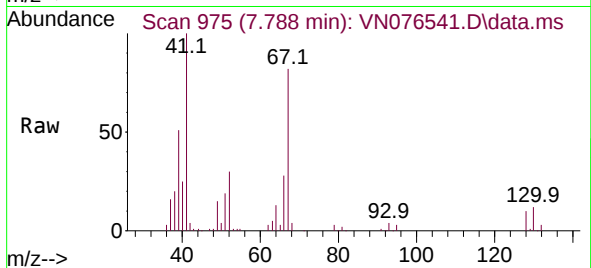
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





#41
Methacrylonitrile
Concen: 53.617 ug/l
RT: 7.788 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

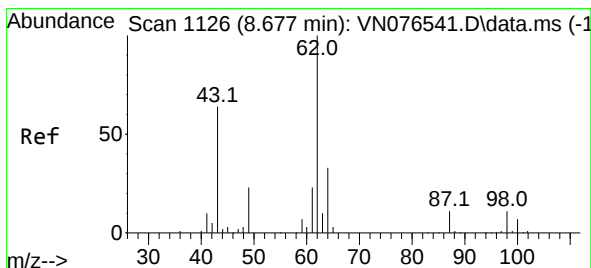
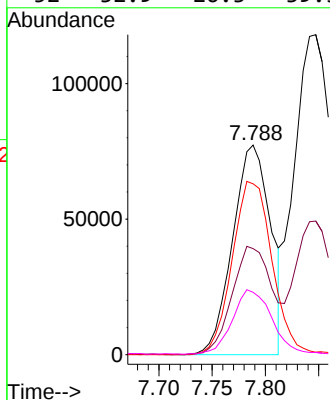
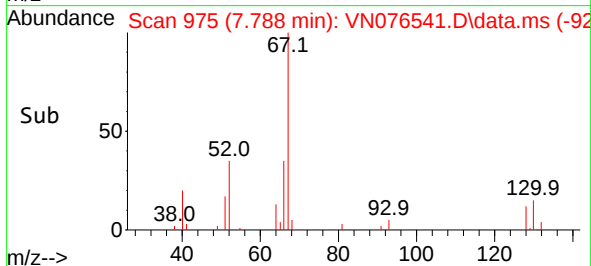
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



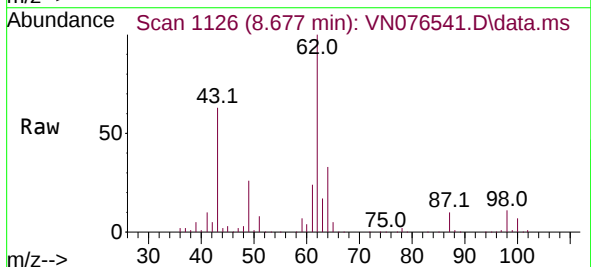
Tgt Ion: 41 Resp: 191292
Ion Ratio Lower Upper
41 100
39 56.2 45.0 67.4
67 87.5 70.0 105.0
52 32.9 26.3 39.5

Manual Integrations
APPROVED

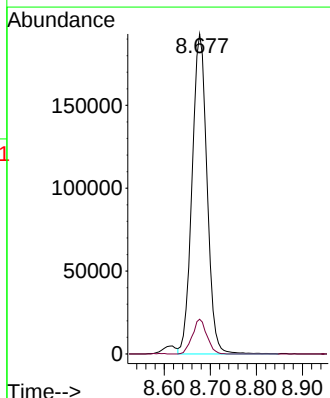
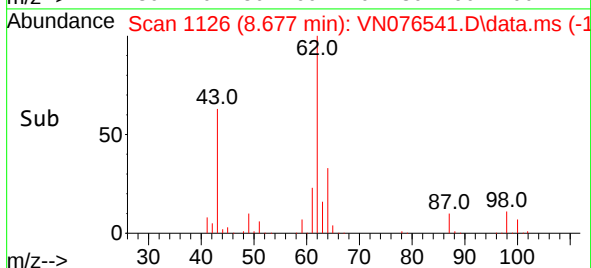
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

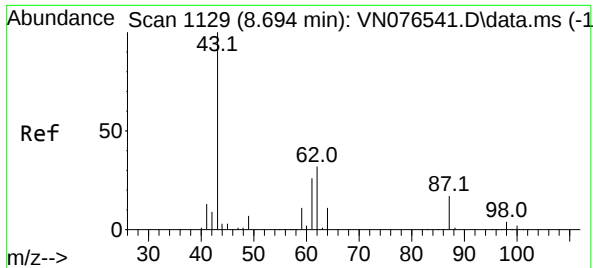


#42
1,2-Dichloroethane
Concen: 51.314 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58



Tgt Ion: 62 Resp: 434813
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.0





#43

Isopropyl Acetate

Concen: 54.195 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076541.D

Acq: 06 Feb 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 588799

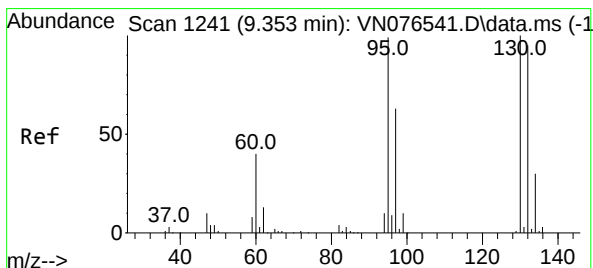
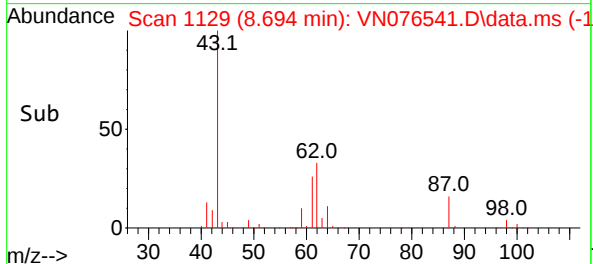
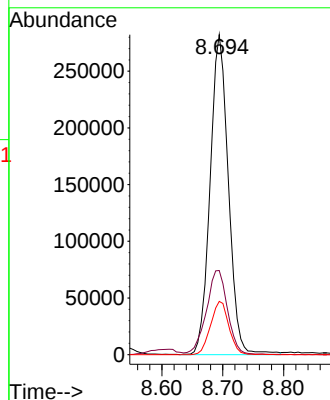
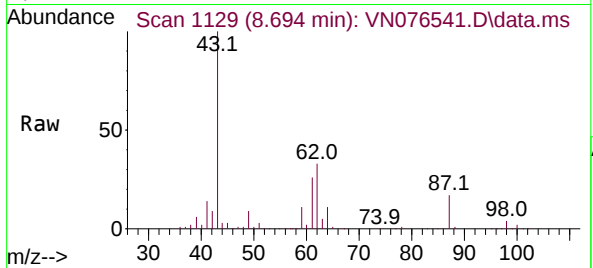
Ion	Ratio	Lower	Upper
43	100		
61	30.7	24.6	36.8
87	16.6	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#44

Trichloroethene

Concen: 51.865 ug/l

RT: 9.353 min Scan# 1241

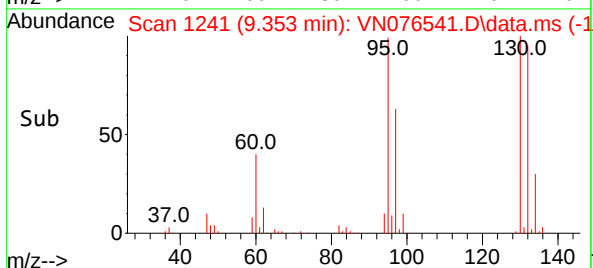
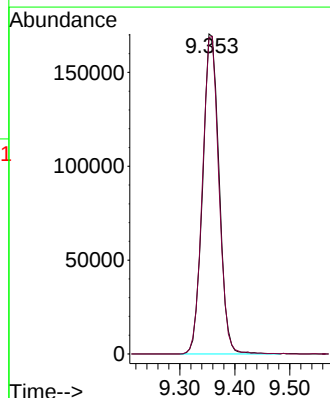
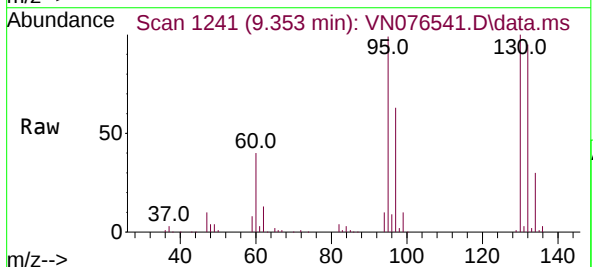
Delta R.T. 0.000 min

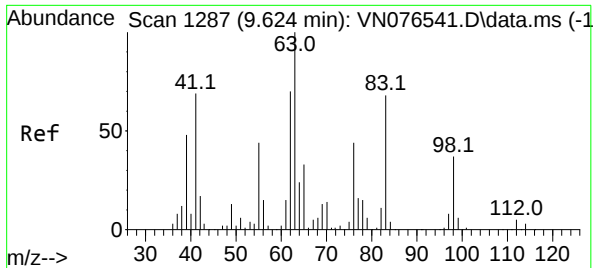
Lab File: VN076541.D

Acq: 06 Feb 2023 13:58

Tgt Ion:130 Resp: 353567

Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	197.6





#45

1,2-Dichloropropane

Concen: 52.361 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN076541.D

Acq: 06 Feb 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 32390

Ion Ratio Lower Upper

63 100

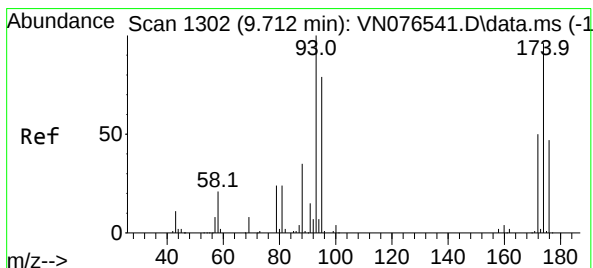
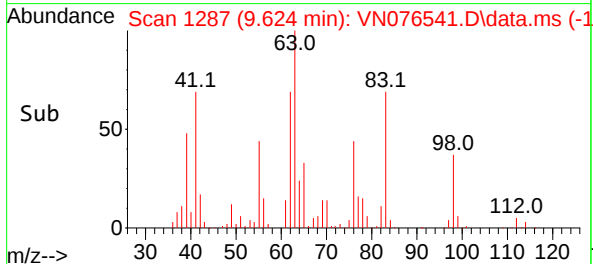
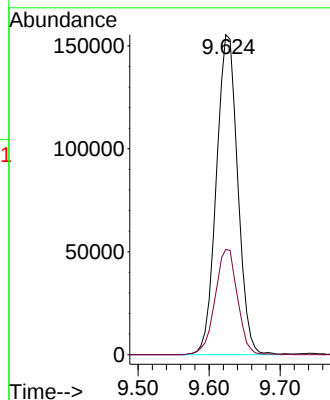
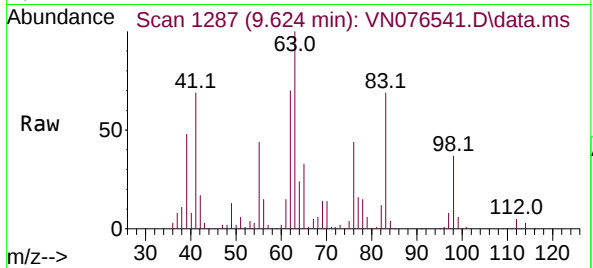
65 32.8 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#46

Dibromomethane

Concen: 51.739 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN076541.D

Acq: 06 Feb 2023 13:58

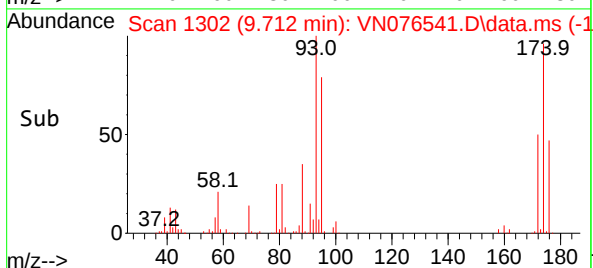
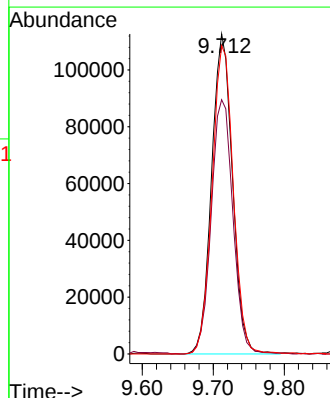
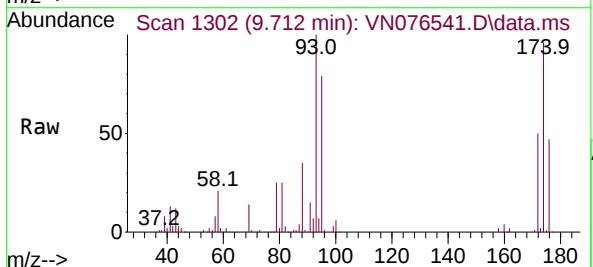
Tgt Ion: 93 Resp: 229526

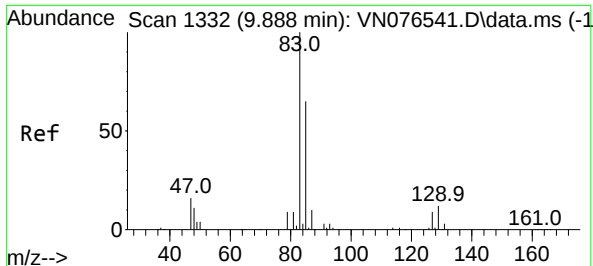
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.2

174 98.0 78.4 117.6





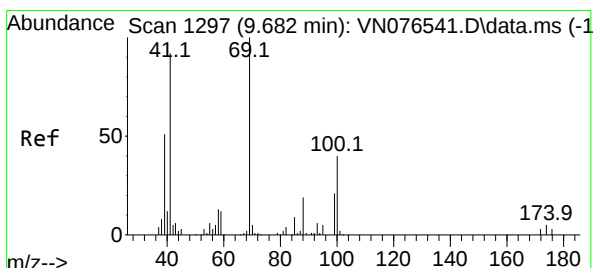
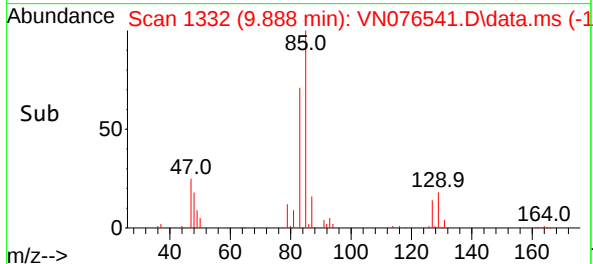
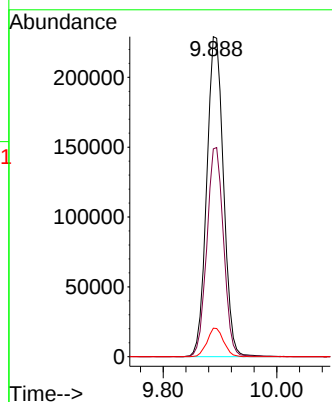
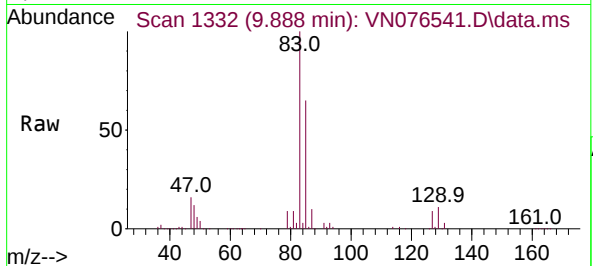
#47
Bromodichloromethane
Concen: 52.685 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 46772
Ion Ratio Lower Upper
83 100
85 65.0 52.0 78.0
127 8.9 7.1 10.7

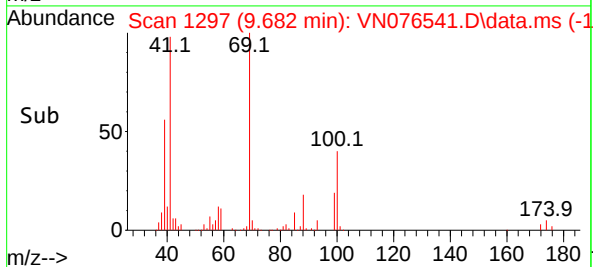
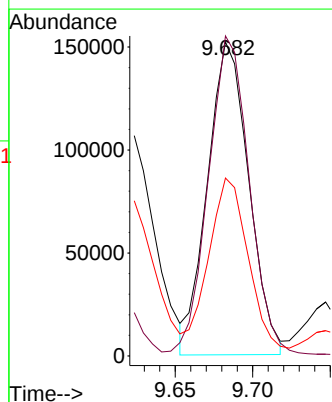
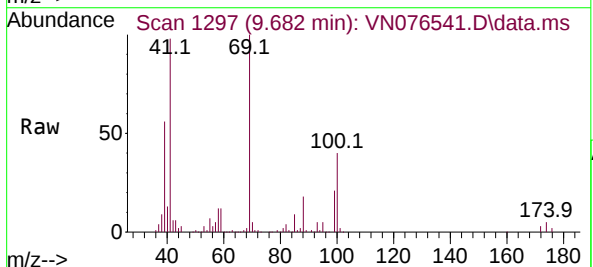
Manual Integrations
APPROVED

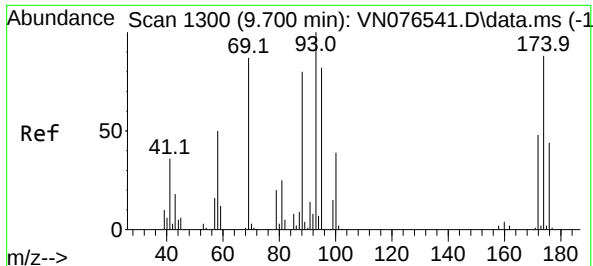
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#48
Methyl methacrylate
Concen: 54.182 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

Tgt Ion: 41 Resp: 281178
Ion Ratio Lower Upper
41 100
69 102.5 82.0 123.0
39 56.2 45.0 67.4





#49

1,4-Dioxane

Concen: 1047.089 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN076541.D

Acq: 06 Feb 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 128000

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

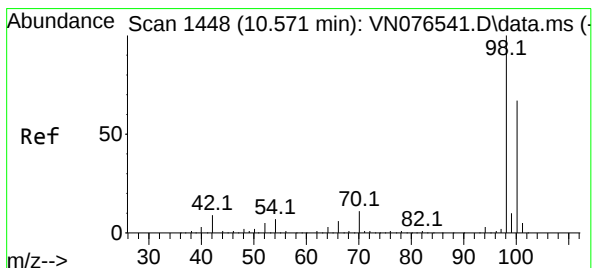
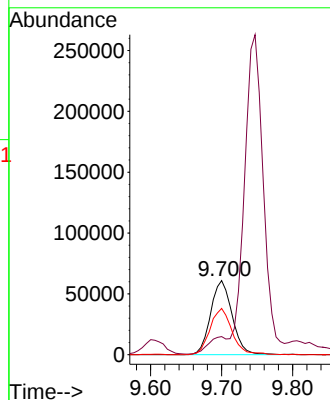
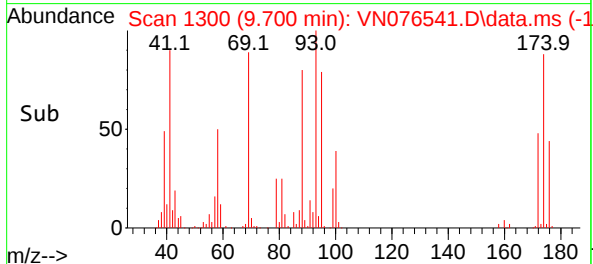
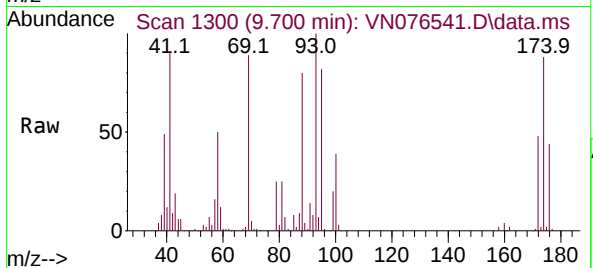
58 63.9 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#50

Toluene-d8

Concen: 39.411 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076541.D

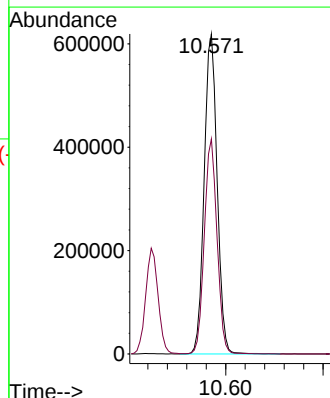
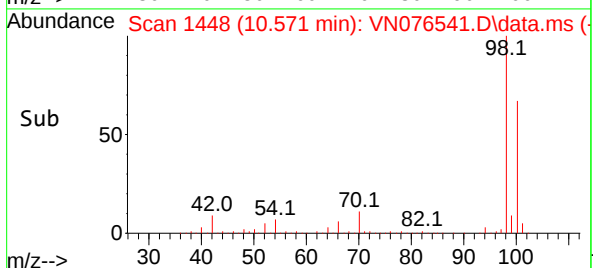
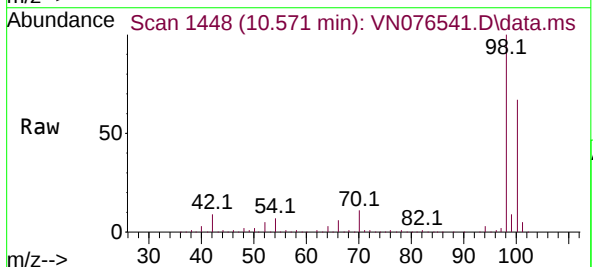
Acq: 06 Feb 2023 13:58

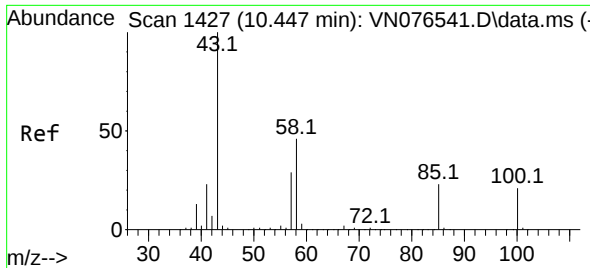
Tgt Ion: 98 Resp: 1138748

Ion Ratio Lower Upper

98 100

100 65.9 52.7 79.1





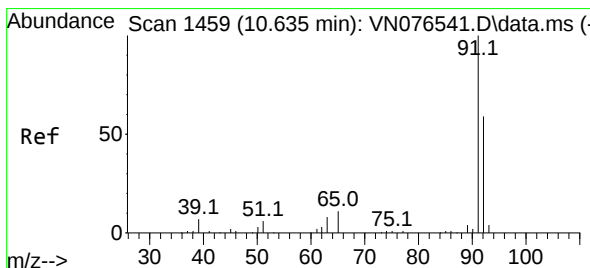
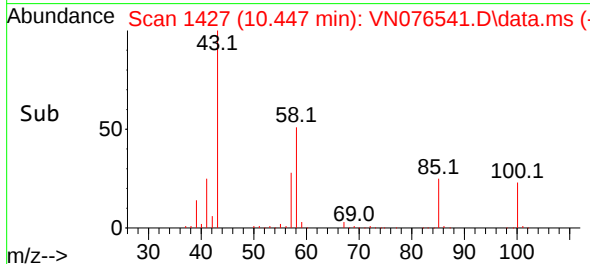
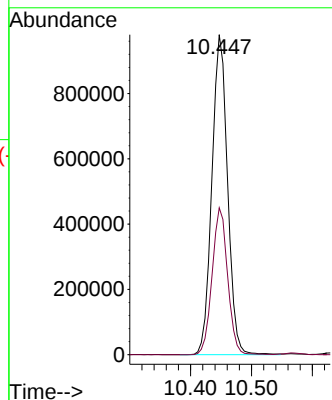
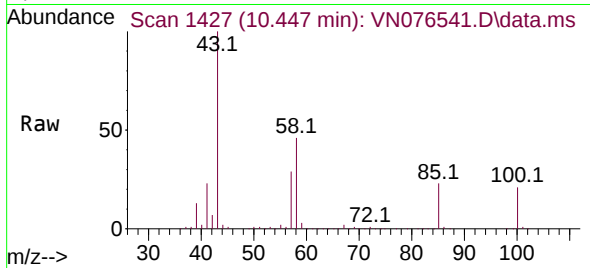
#51
4-Methyl-2-Pentanone
Concen: 269.286 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1753380
Ion Ratio Lower Upper
43 100
58 45.5 36.4 54.6

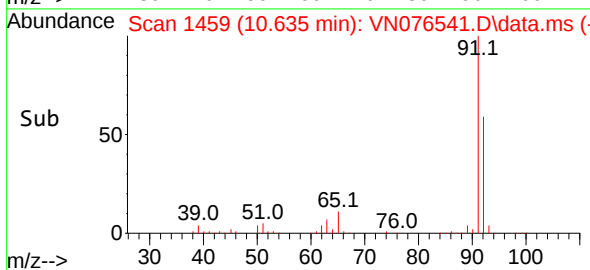
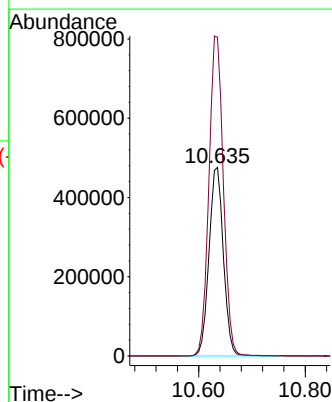
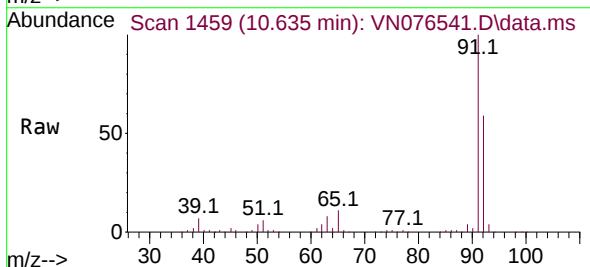
Manual Integrations
APPROVED

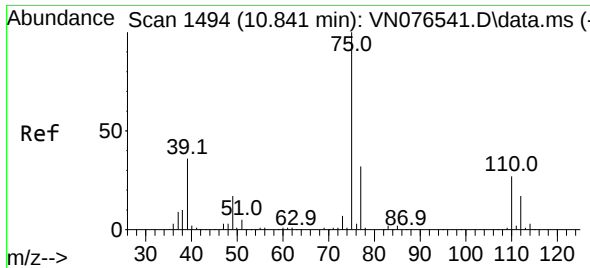
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#52
Toluene
Concen: 54.583 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

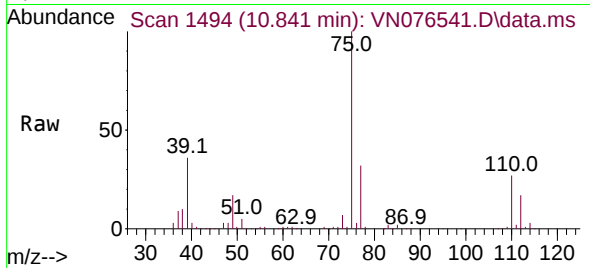
Tgt Ion: 92 Resp: 888272
Ion Ratio Lower Upper
92 100
91 171.0 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 57.018 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

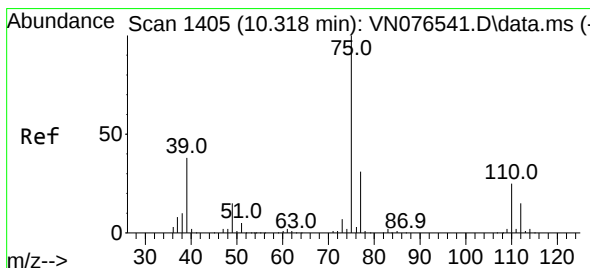
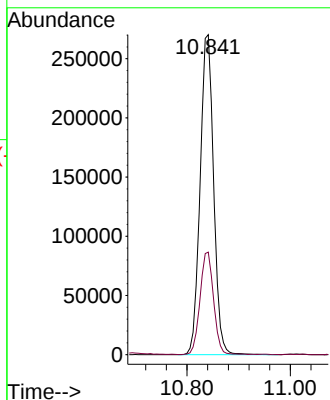
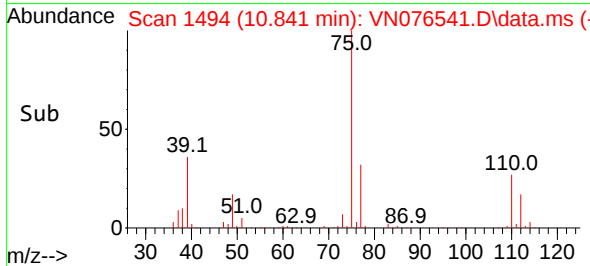
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 489936
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4

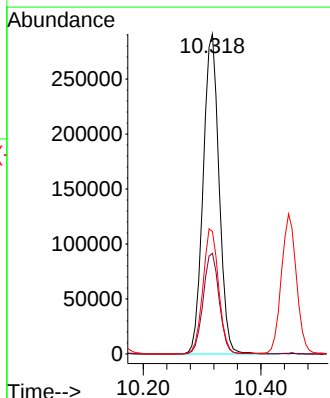
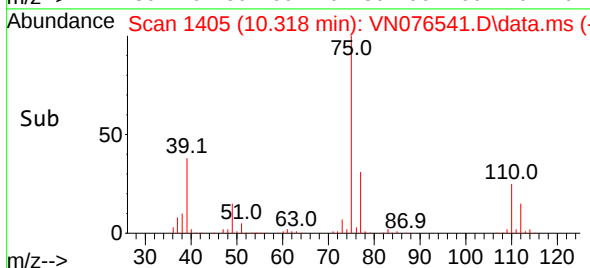
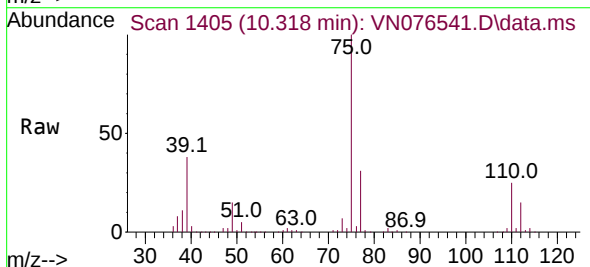
Manual Integrations
APPROVED

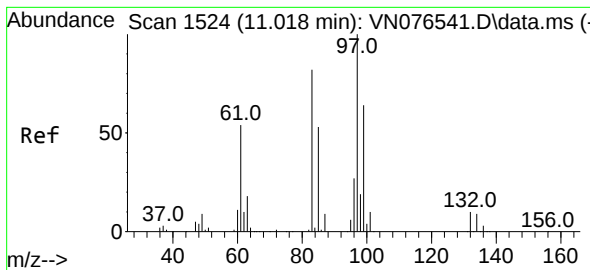
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#54
cis-1,3-Dichloropropene
Concen: 56.519 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

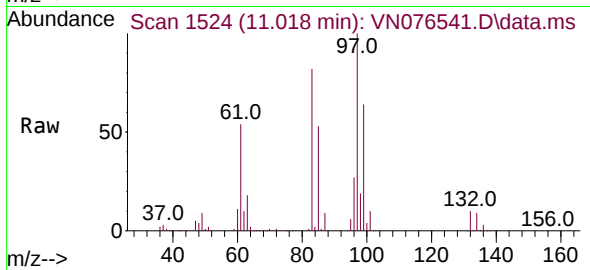
Tgt Ion: 75 Resp: 547936
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7
39 38.2 30.6 45.8





#55
1,1,2-Trichloroethane
Concen: 52.871 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

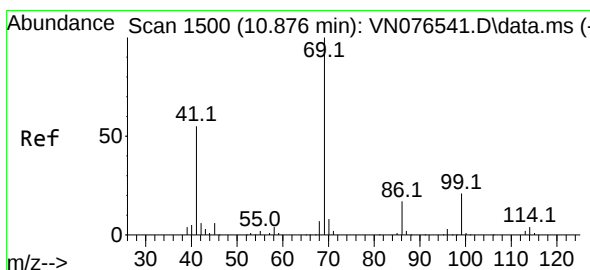
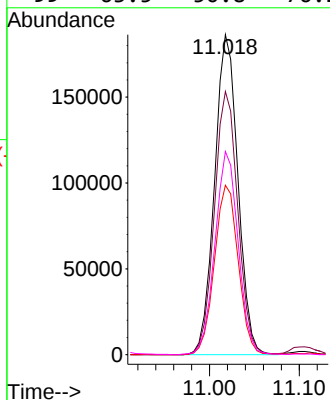
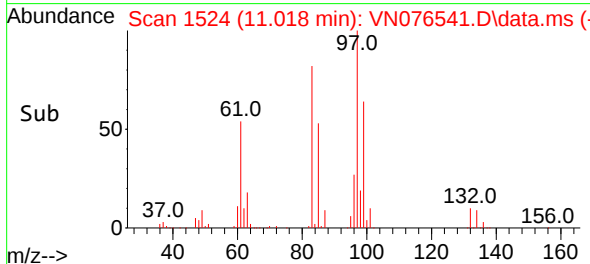
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



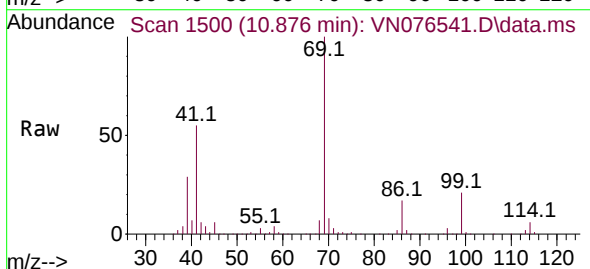
Tgt Ion: 97 Resp: 336785
Ion Ratio Lower Upper
97 100
83 82.2 65.8 98.6
85 52.9 42.3 63.5
99 63.5 50.8 76.2

Manual Integrations
APPROVED

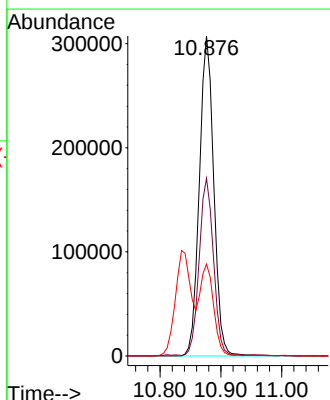
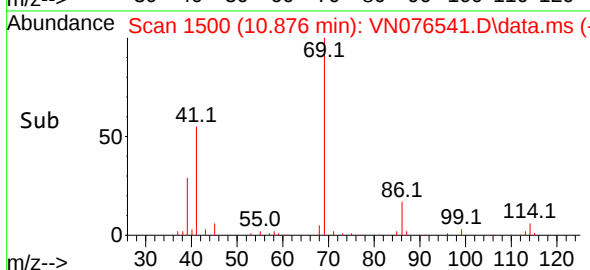
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

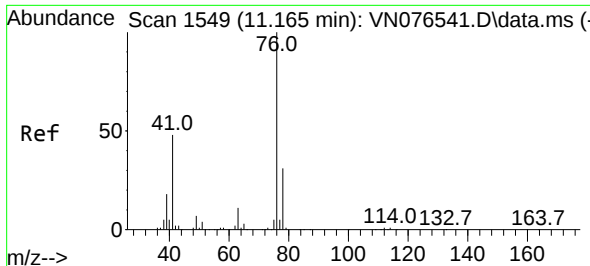


#56
Ethyl methacrylate
Concen: 59.219 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58



Tgt Ion: 69 Resp: 506325
Ion Ratio Lower Upper
69 100
41 54.7 43.8 65.6
39 26.8 21.4 32.2





#57

1,3-Dichloropropane

Concen: 53.349 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN076541.D

Acq: 06 Feb 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 56086

Ion Ratio Lower Upper

76 100

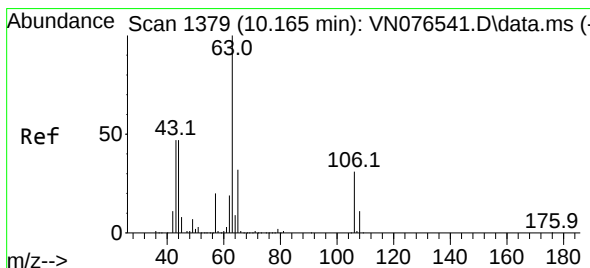
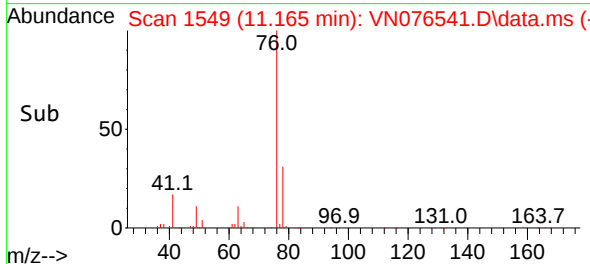
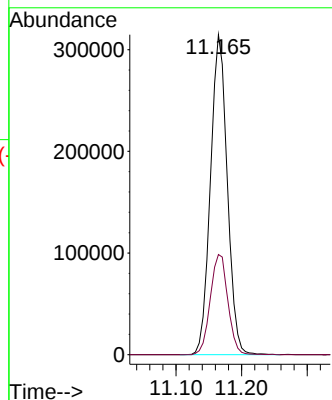
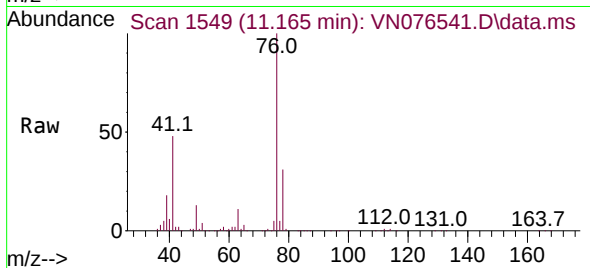
78 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#58

2-Chloroethyl Vinyl ether

Concen: 267.245 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076541.D

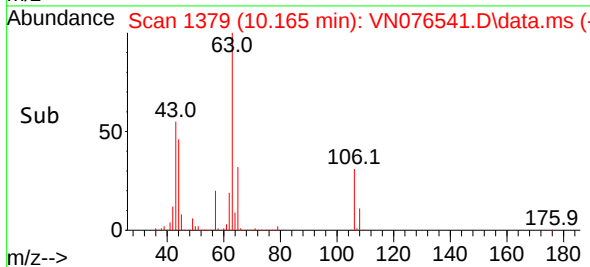
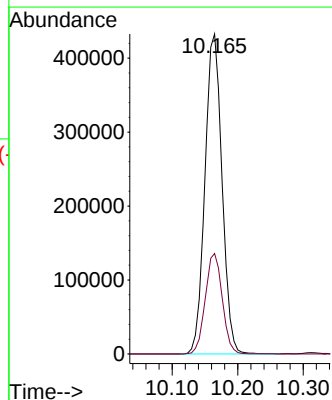
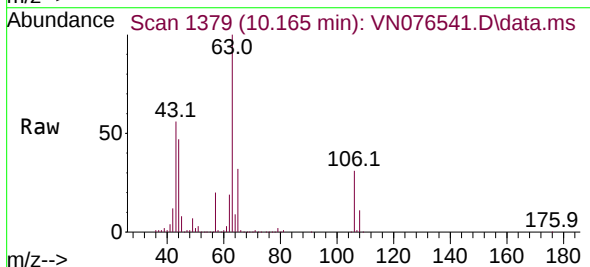
Acq: 06 Feb 2023 13:58

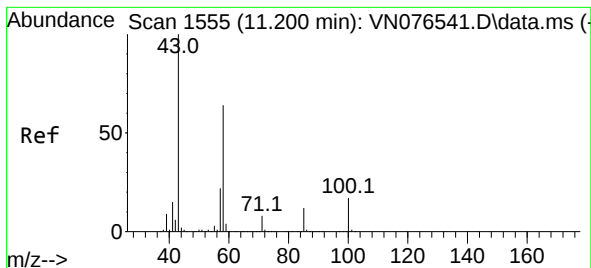
Tgt Ion: 63 Resp: 784517

Ion Ratio Lower Upper

63 100

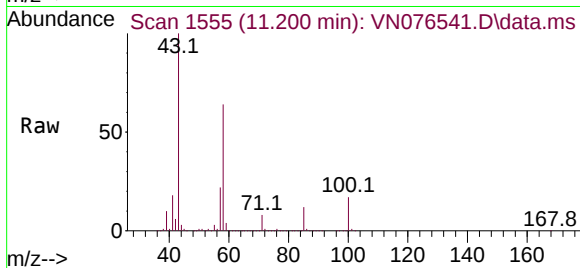
106 31.3 25.0 37.6





#59
2-Hexanone
Concen: 267.670 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

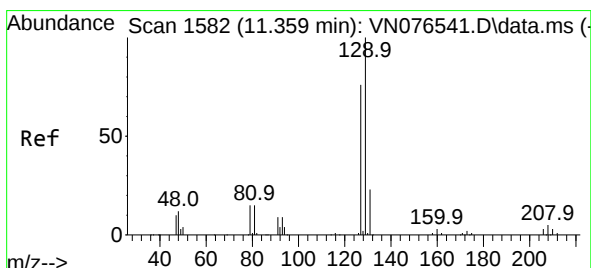
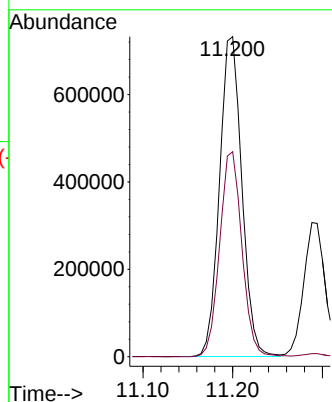
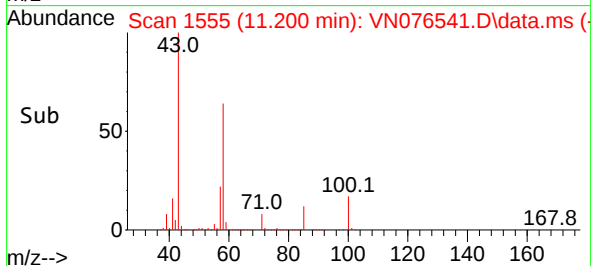
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 1266229
Ion Ratio Lower Upper
43 100
58 63.8 31.9 95.7

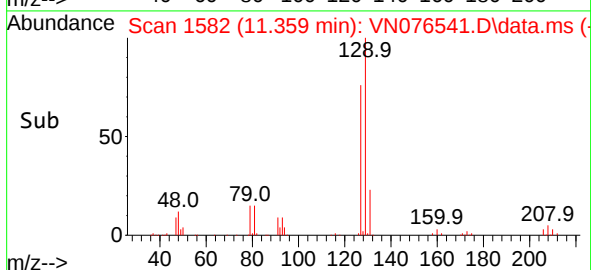
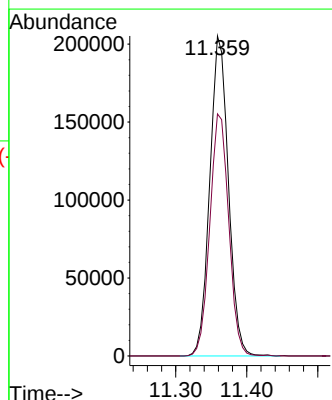
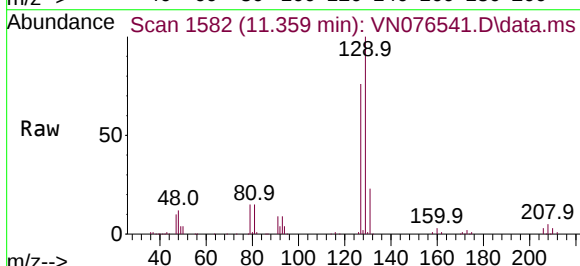
Manual Integrations
APPROVED

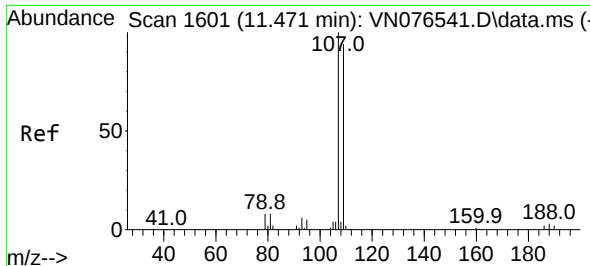
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#60
Dibromochloromethane
Concen: 55.156 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

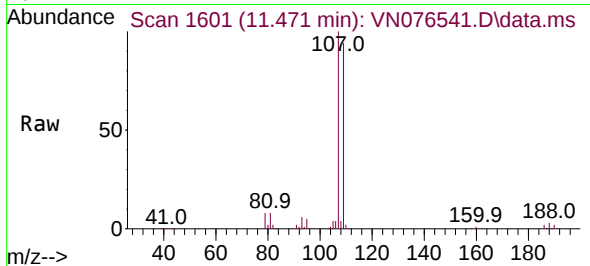
Tgt Ion:129 Resp: 373341
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61
1,2-Dibromoethane
Concen: 55.057 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

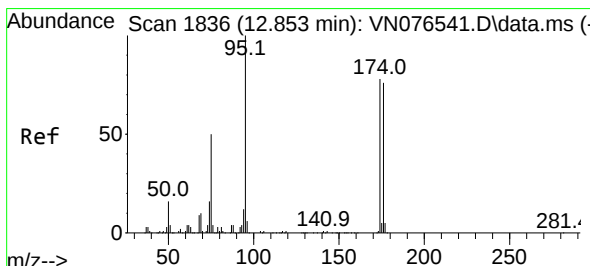
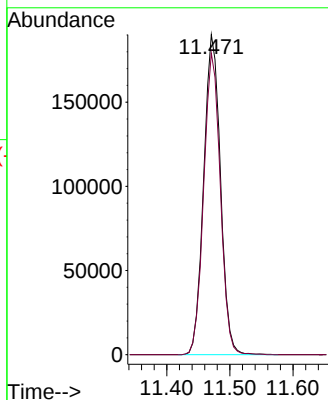
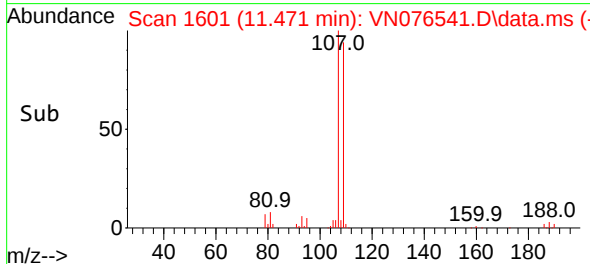
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



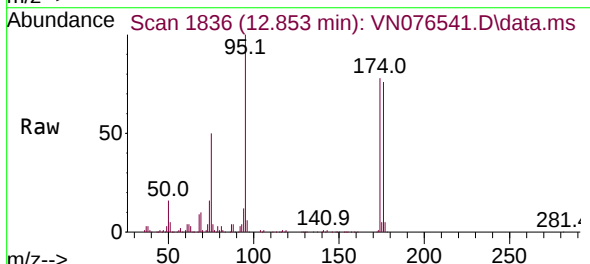
Tgt Ion:107 Resp: 35033
Ion Ratio Lower Upper
107 100
109 93.6 74.9 112.3

Manual Integrations
APPROVED

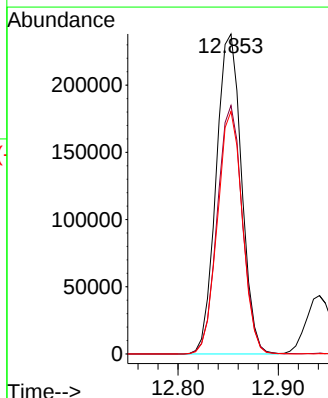
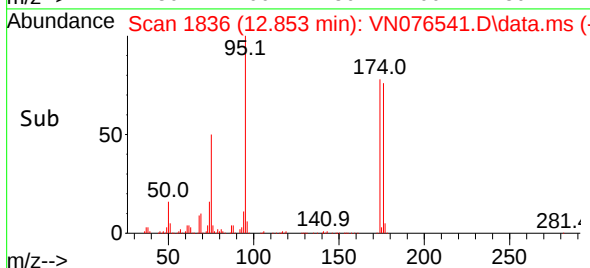
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

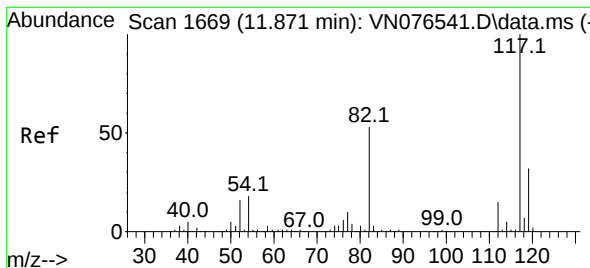


#62
4-Bromofluorobenzene
Concen: 44.140 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58



Tgt Ion: 95 Resp: 418584
Ion Ratio Lower Upper
95 100
174 76.7 0.0 153.4
176 74.5 0.0 149.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VN076541.D

Acq: 06 Feb 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:117 Resp: 866939

Ion Ratio Lower Upper

117 100

82 53.0 42.4 63.6

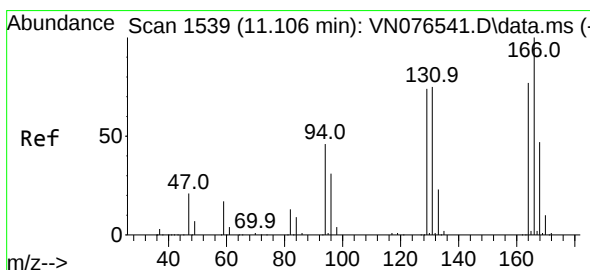
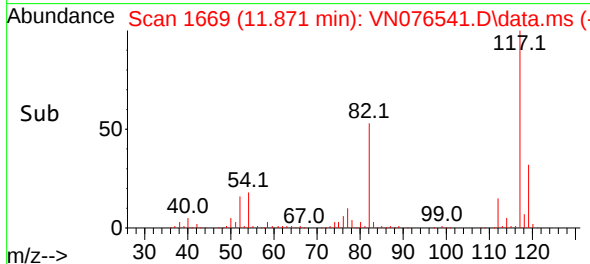
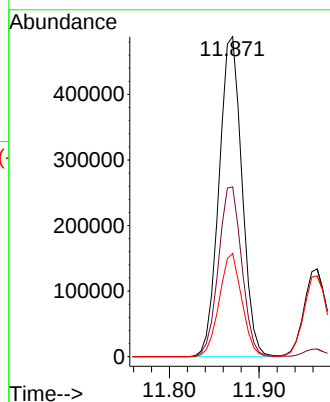
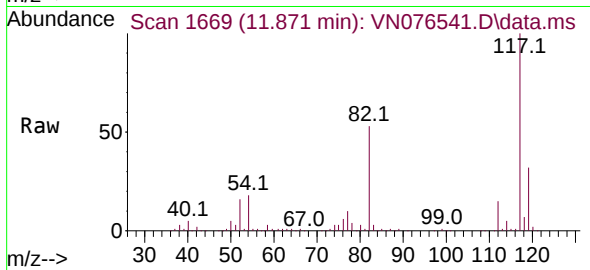
119 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#64

Tetrachloroethene

Concen: 47.429 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN076541.D

Acq: 06 Feb 2023 13:58

Tgt Ion:164 Resp: 347100

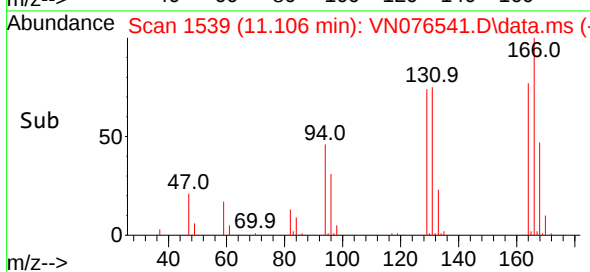
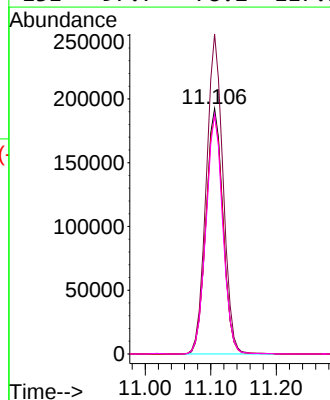
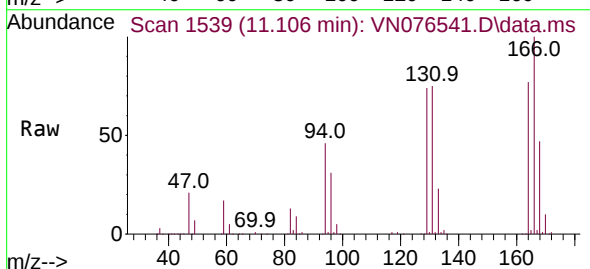
Ion Ratio Lower Upper

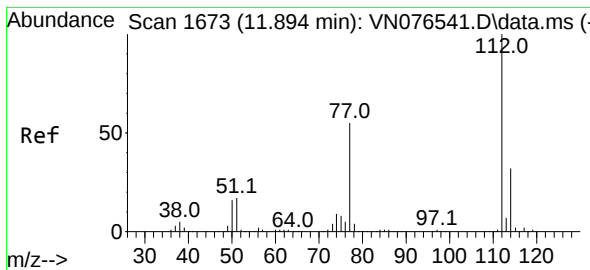
164 100

166 130.4 104.3 156.5

129 97.1 77.7 116.5

131 97.7 78.2 117.2





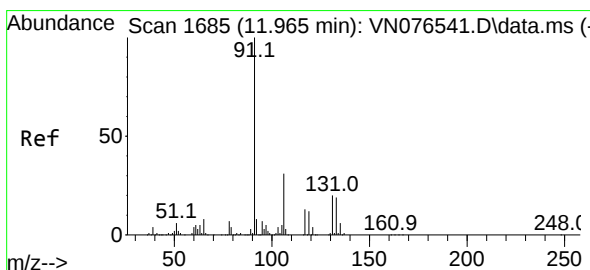
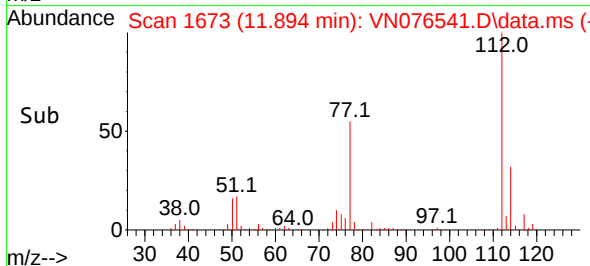
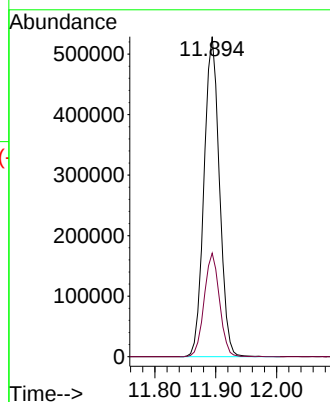
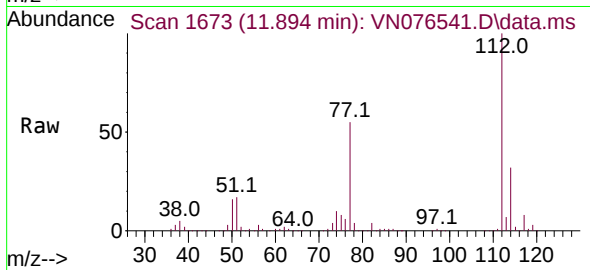
#65
Chlorobenzene
Concen: 51.962 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 93158
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8

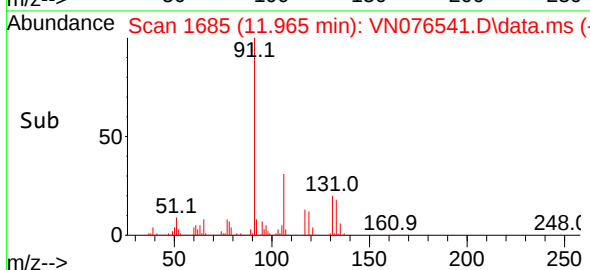
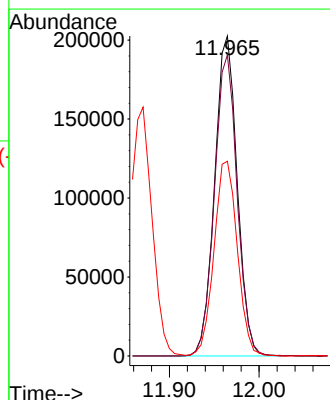
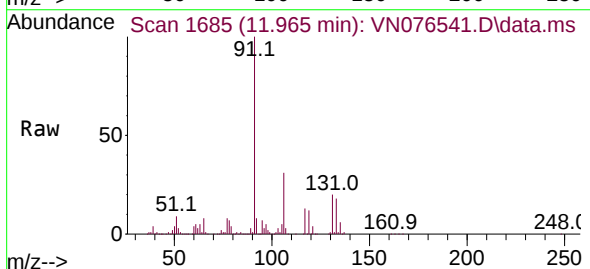
Manual Integrations
APPROVED

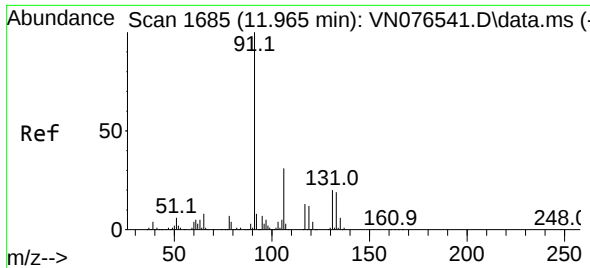
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 53.793 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

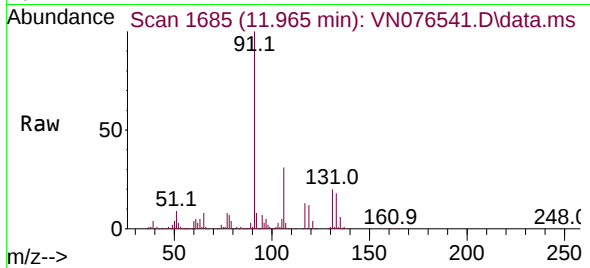
Tgt Ion:131 Resp: 353432
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 63.1 31.6 94.7





#67
Ethyl Benzene
Concen: 54.355 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

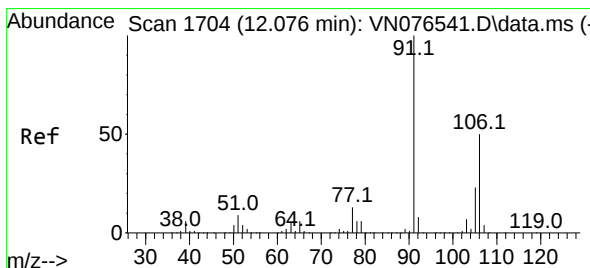
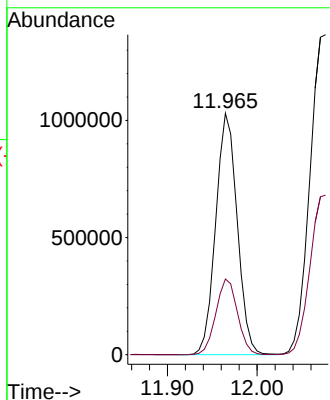
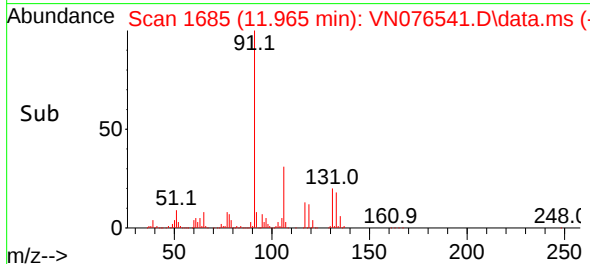
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



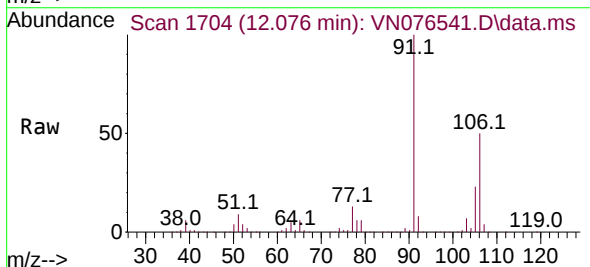
Tgt Ion: 91 Resp: 1715394
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6

Manual Integrations
APPROVED

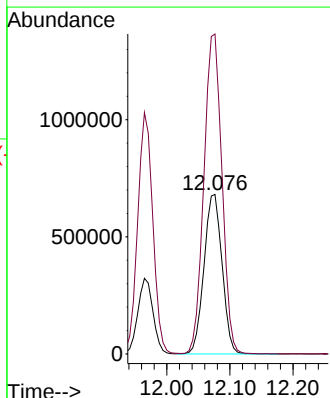
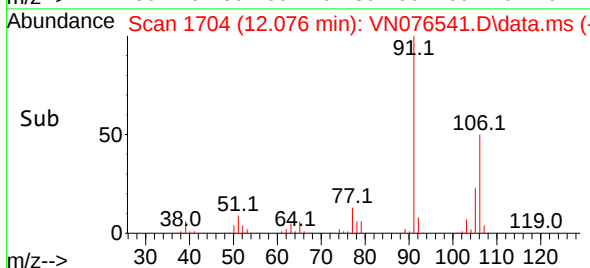
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

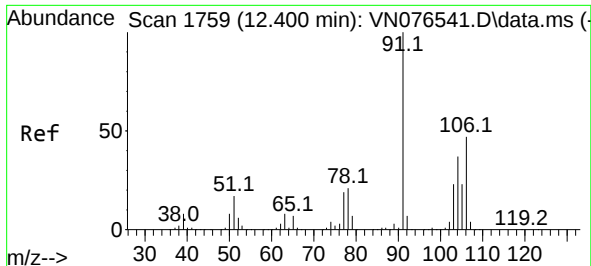


#68
m/p-Xylenes
Concen: 110.574 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58



Tgt Ion:106 Resp: 1353333
Ion Ratio Lower Upper
106 100
91 200.3 160.2 240.4





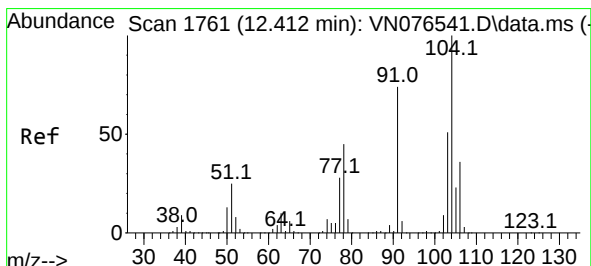
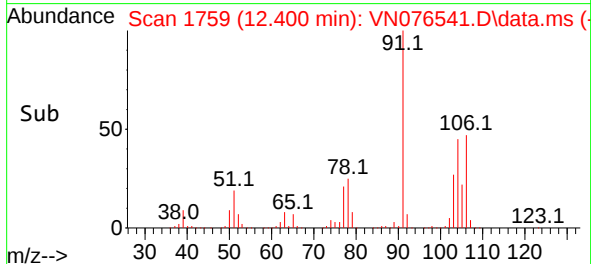
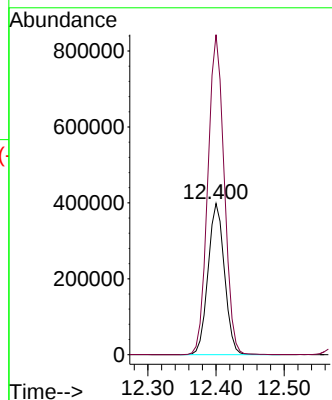
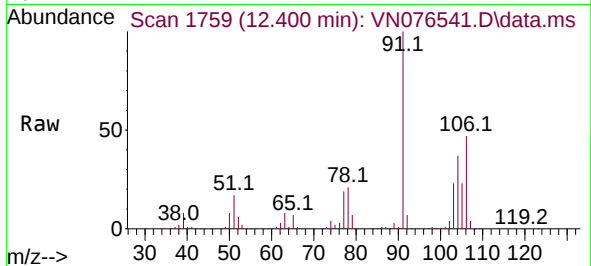
#69
o-Xylene
Concen: 55.492 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 66748
Ion Ratio Lower Upper
106 100
91 211.3 105.7 317.0

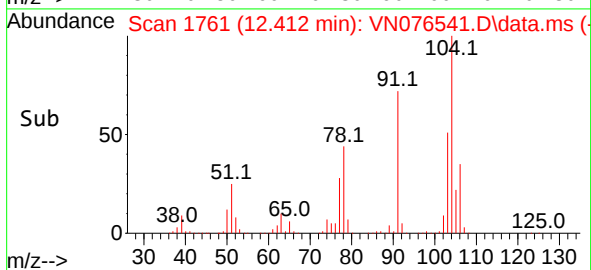
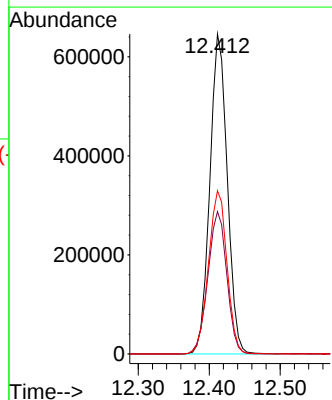
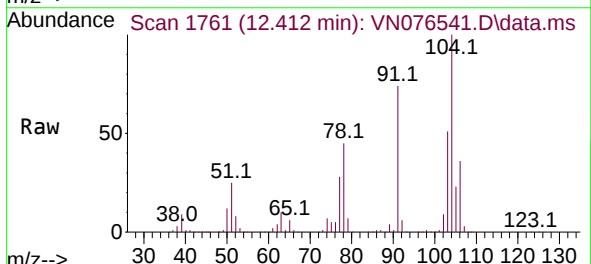
Manual Integrations
APPROVED

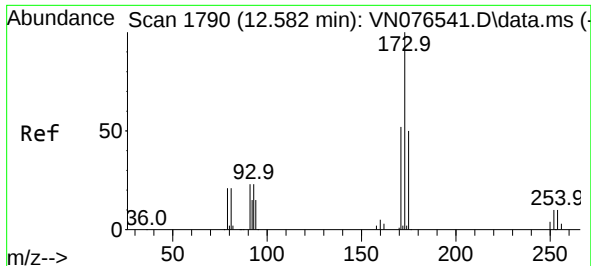
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#70
Styrene
Concen: 57.509 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

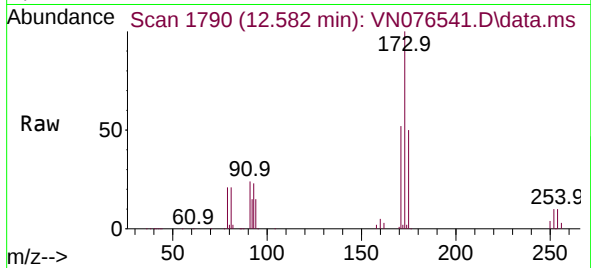
Tgt Ion:104 Resp: 1100174
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 54.5 43.6 65.4





#71
Bromoform
Concen: 55.894 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

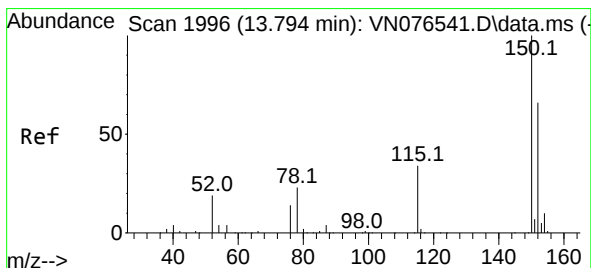
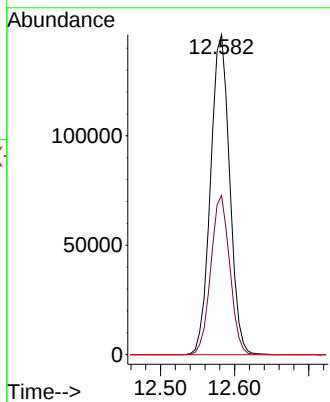
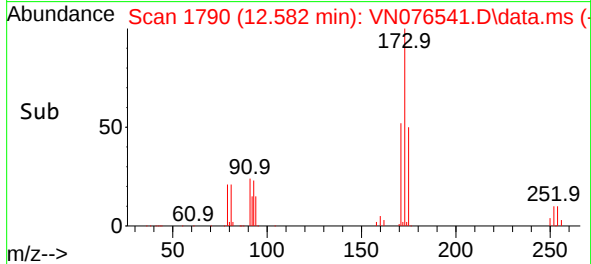
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



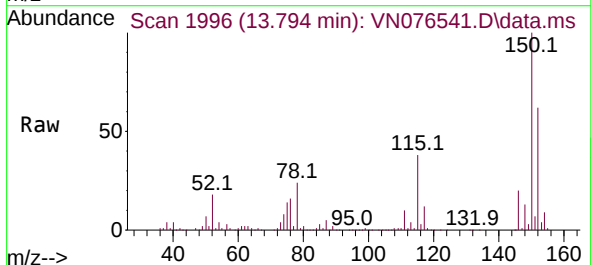
Tgt Ion:173 Resp: 26205
Ion Ratio Lower Upper
173 100
175 49.3 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

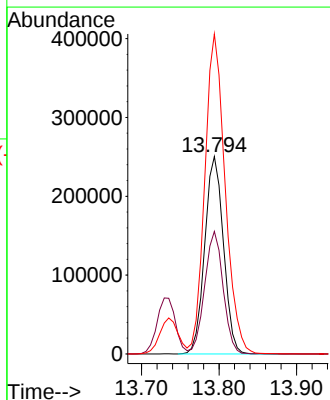
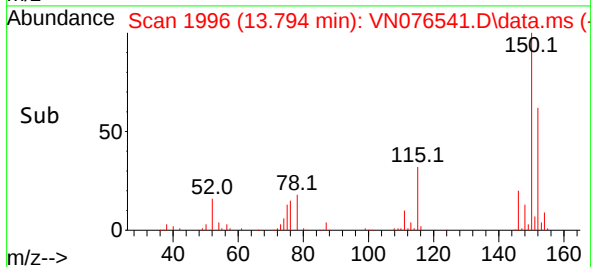
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

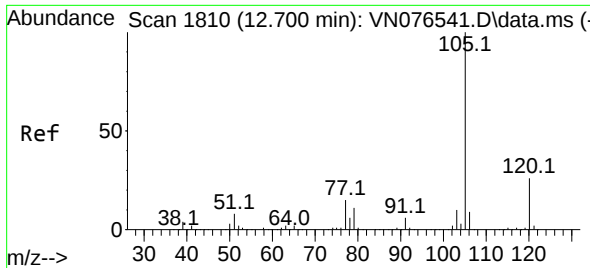


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58



Tgt Ion:152 Resp: 420376
Ion Ratio Lower Upper
152 100
115 61.0 30.5 91.5
150 176.0 0.0 352.0





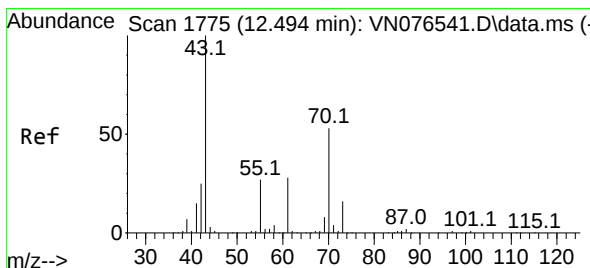
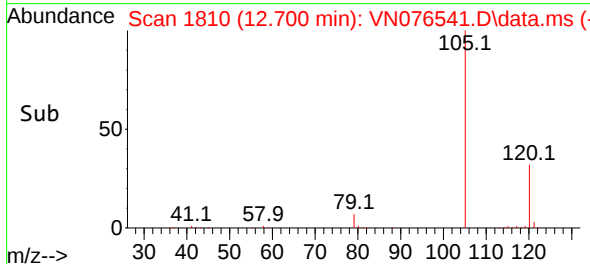
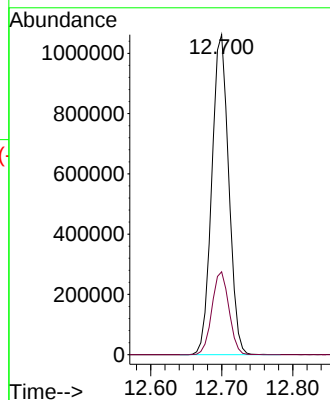
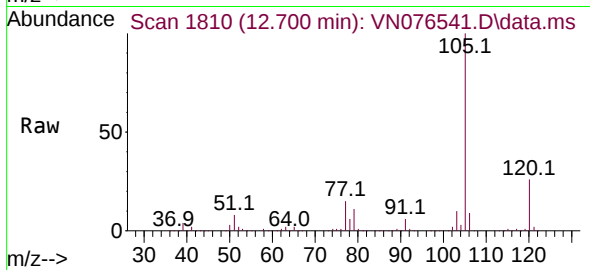
#73
Isopropylbenzene
Concen: 52.386 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 1755340
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0

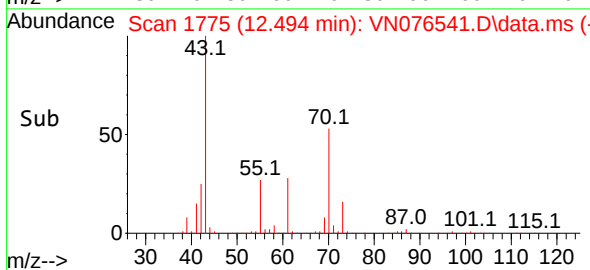
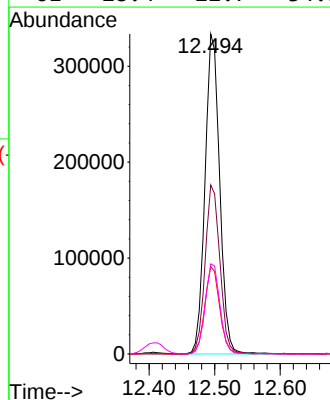
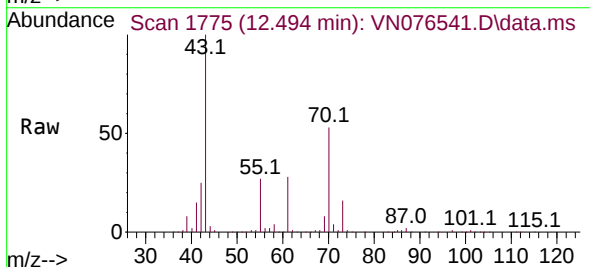
Manual Integrations
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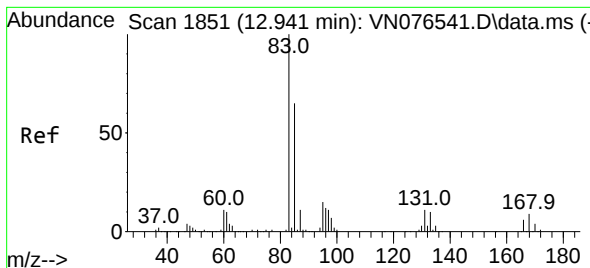
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#74
N-ethyl acetate
Concen: 53.324 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

Tgt Ion: 43 Resp: 520802
Ion Ratio Lower Upper
43 100
70 53.3 42.6 64.0
55 27.9 22.3 33.5
61 28.4 22.7 34.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.892 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076541.D

Acq: 06 Feb 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 47481

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.7

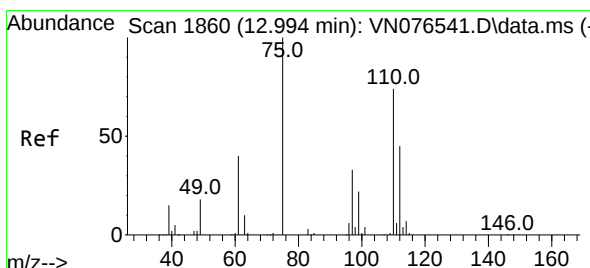
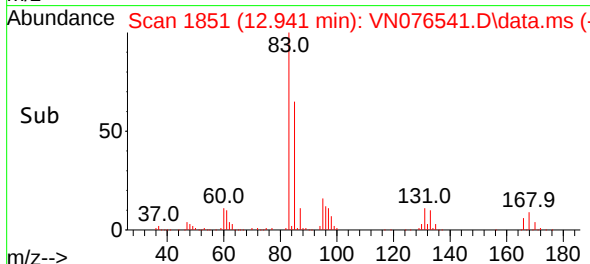
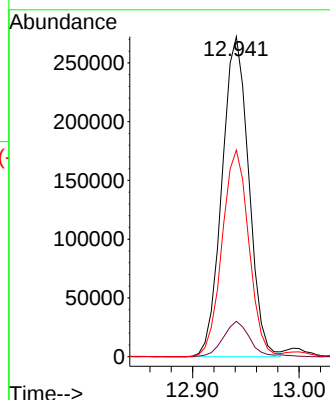
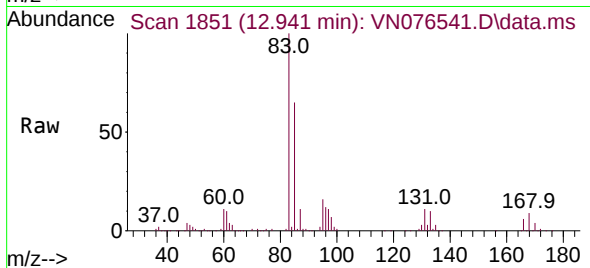
85 64.5 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#76

1,2,3-Trichloropropane

Concen: 45.991 ug/l m

RT: 12.994 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VN076541.D

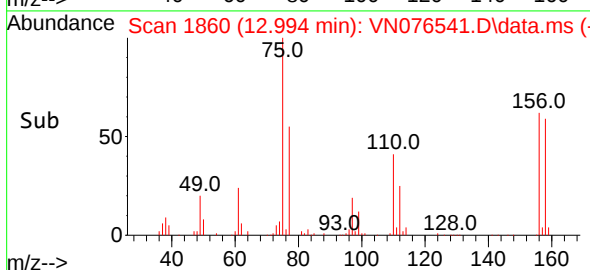
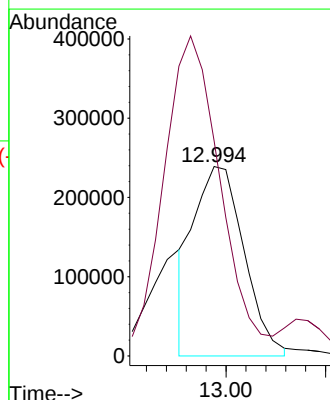
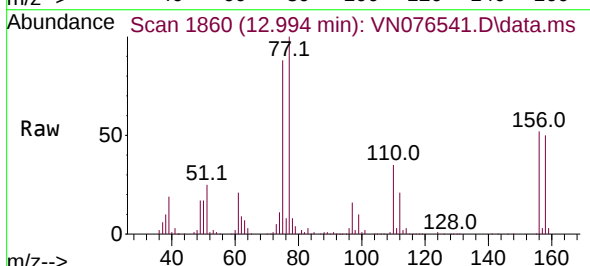
Acq: 06 Feb 2023 13:58

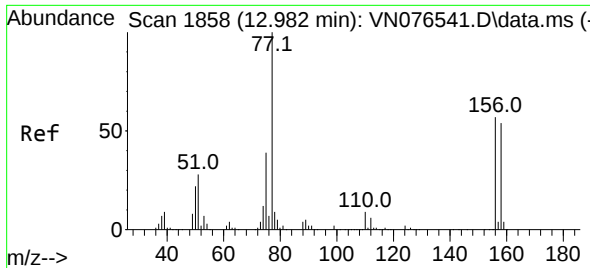
Tgt Ion: 75 Resp: 419456

Ion Ratio Lower Upper

75 100

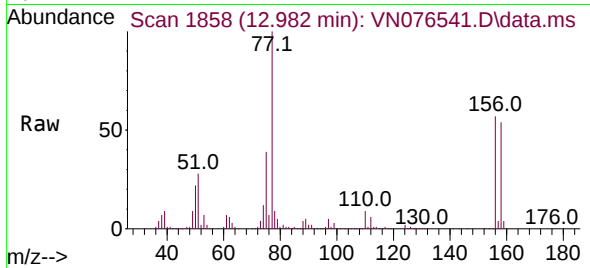
77 191.7 86.8 260.3





#77
Bromobenzene
Concen: 50.381 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

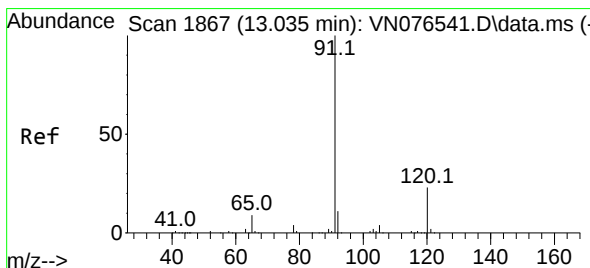
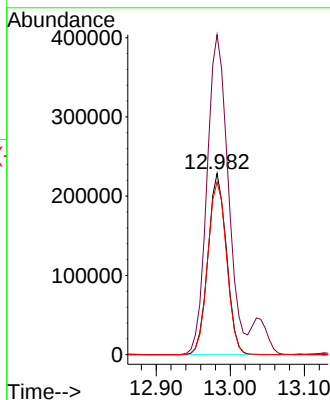
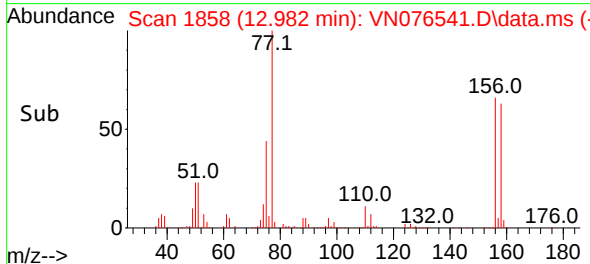
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 156 Resp: 397185
Ion Ratio Lower Upper
156 100
77 202.4 101.2 303.6
158 97.1 48.5 145.6

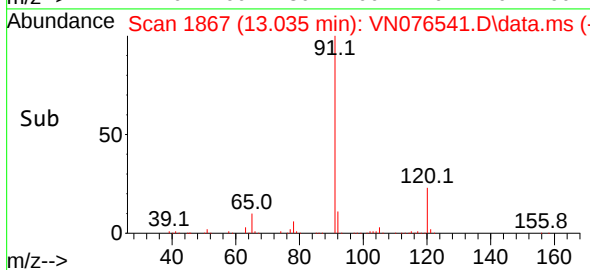
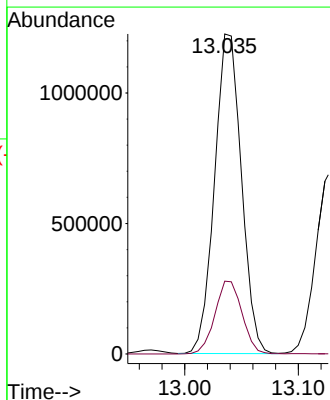
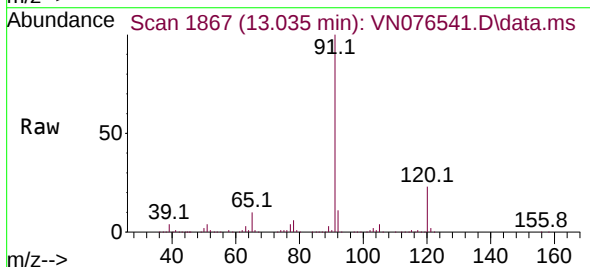
Manual Integrations
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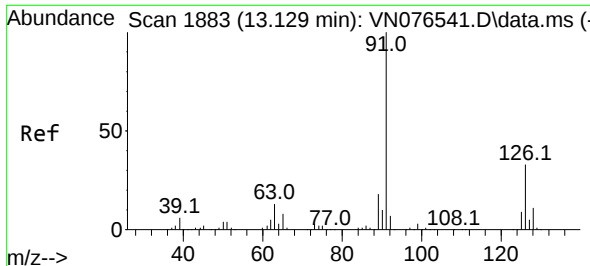
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#78
n-propylbenzene
Concen: 53.978 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

Tgt Ion: 91 Resp: 2012457
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.5





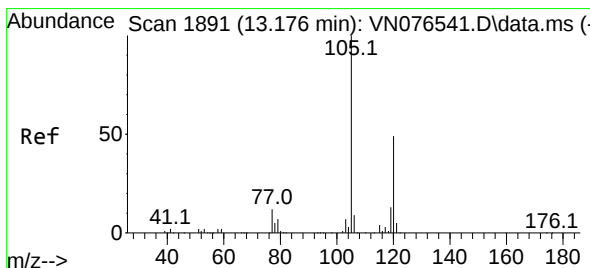
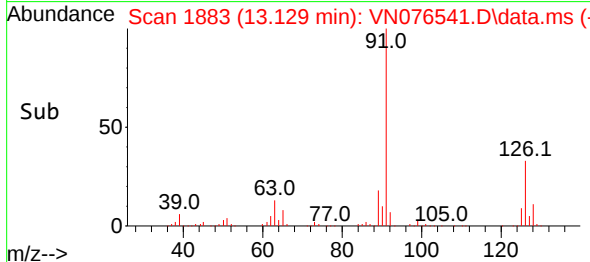
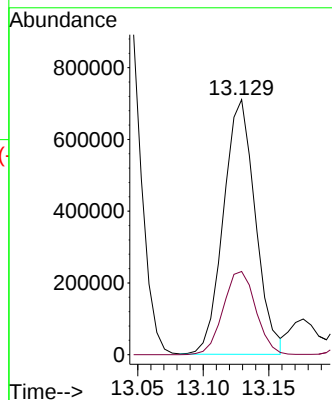
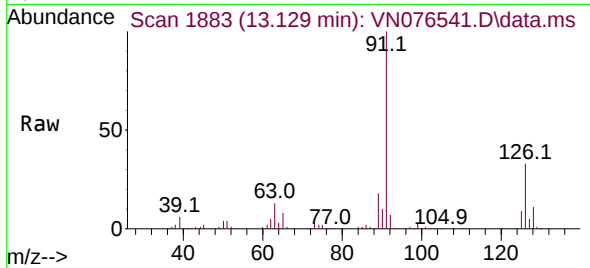
#79
2-Chlorotoluene
Concen: 50.777 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 1201769
Ion Ratio Lower Upper
91 100
126 33.5 16.8 50.3

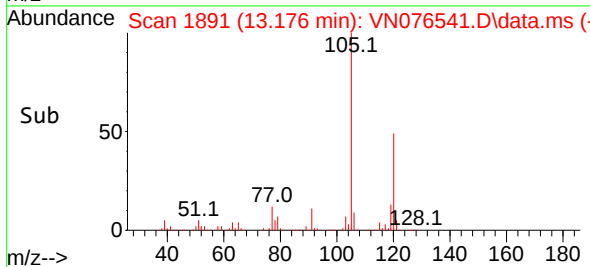
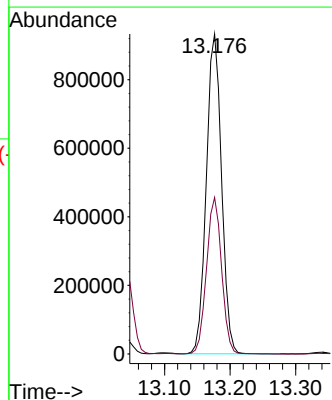
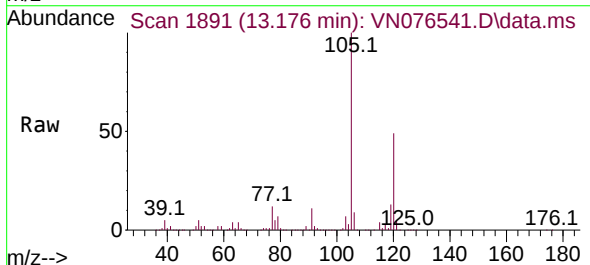
Manual Integrations
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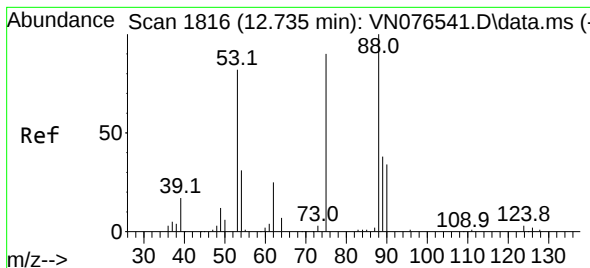
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.112 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

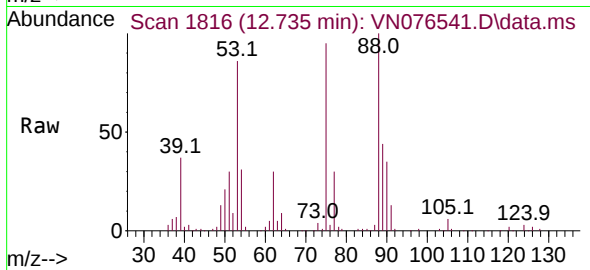
Tgt Ion:105 Resp: 1508656
Ion Ratio Lower Upper
105 100
120 48.4 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 56.253 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

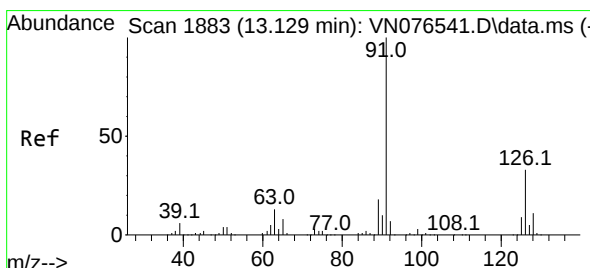
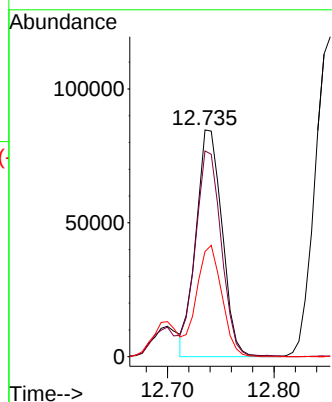
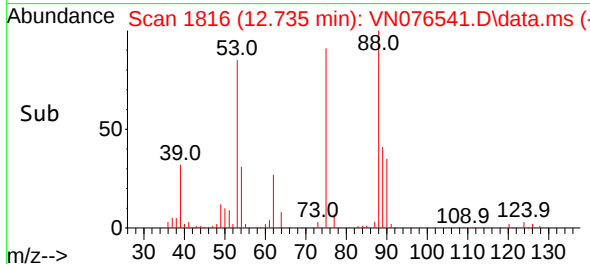
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



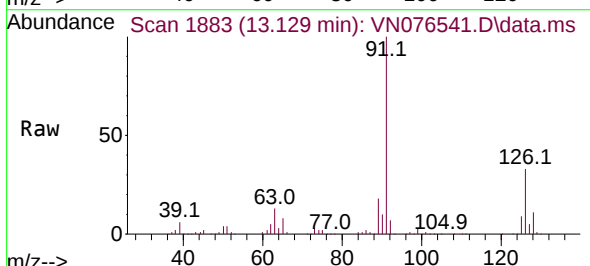
Tgt Ion: 75 Resp: 14464
Ion Ratio Lower Upper
75 100
53 90.9 72.7 109.1
89 48.0 38.4 57.6

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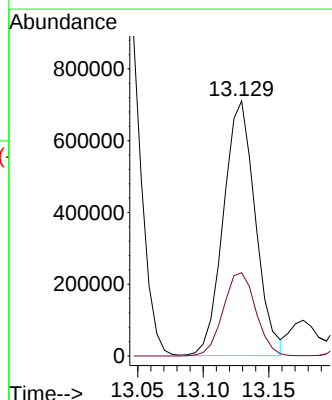
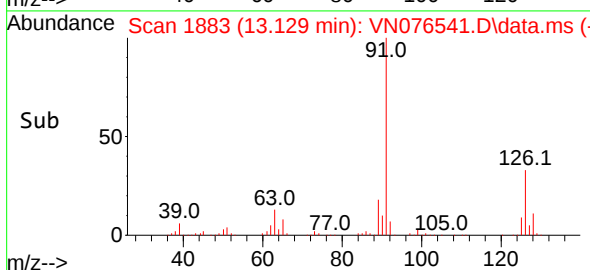
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

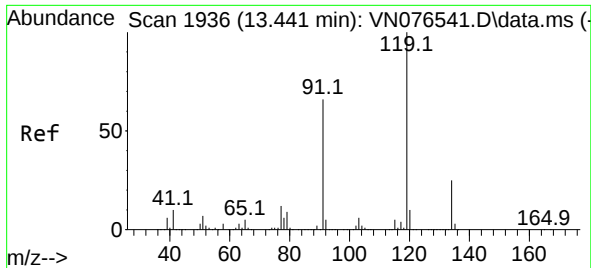


#82
4-Chlorotoluene
Concen: 50.777 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58



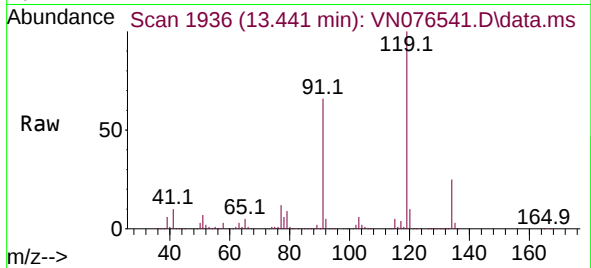
Tgt Ion: 91 Resp: 1201769
Ion Ratio Lower Upper
91 100
126 33.5 16.8 50.3





#83
tert-Butylbenzene
Concen: 53.235 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

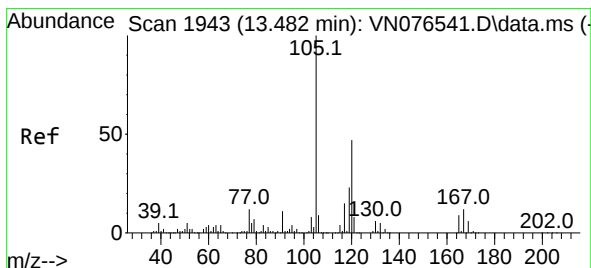
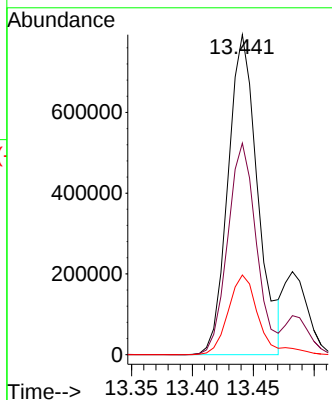
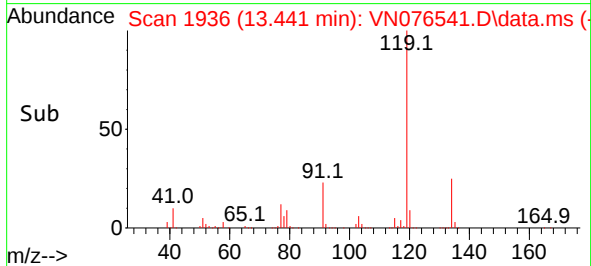
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:119 Resp: 1344638
Ion Ratio Lower Upper
119 100
91 64.2 32.1 96.3
134 25.7 12.9 38.6

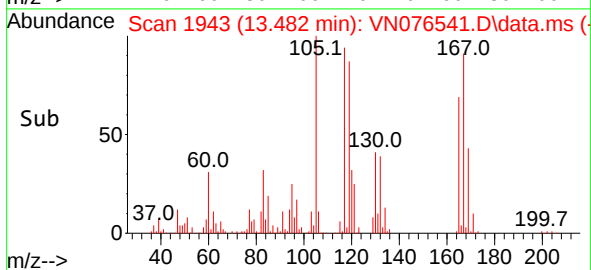
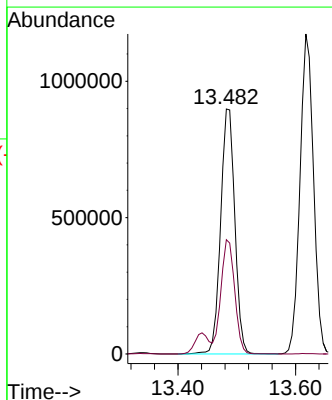
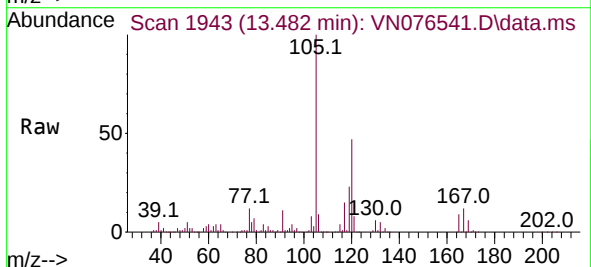
Manual Integrations
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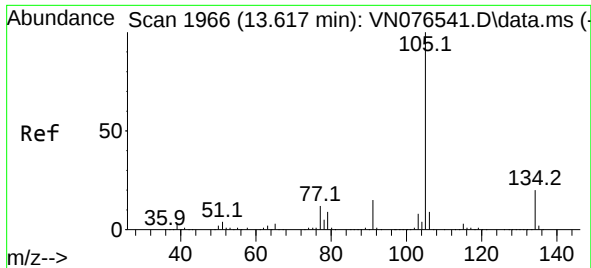
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#84
1,2,4-Trimethylbenzene
Concen: 53.460 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

Tgt Ion:105 Resp: 1506409
Ion Ratio Lower Upper
105 100
120 45.0 22.5 67.5





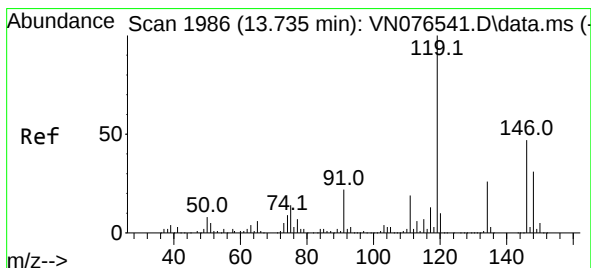
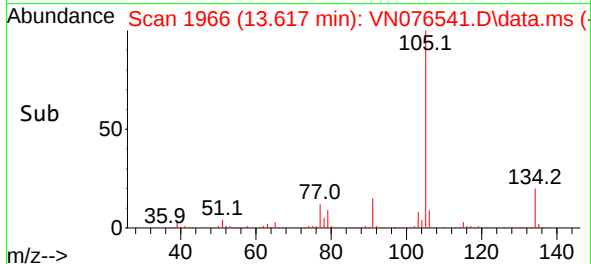
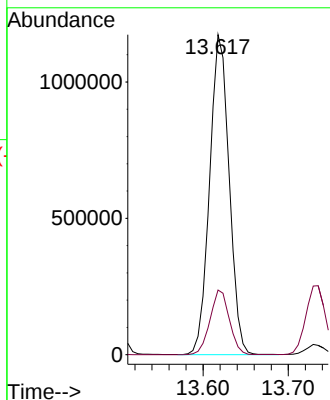
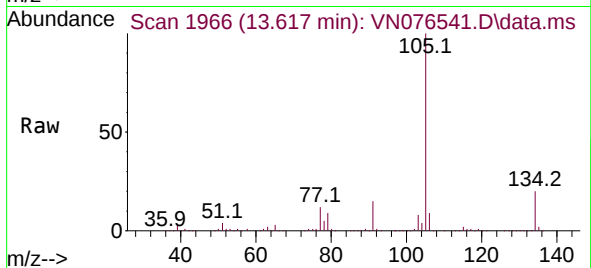
#85
 sec-Butylbenzene
 Concen: 55.011 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076541.D
 Acq: 06 Feb 2023 13:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 1873040
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0

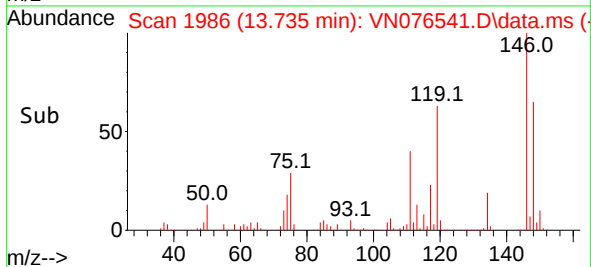
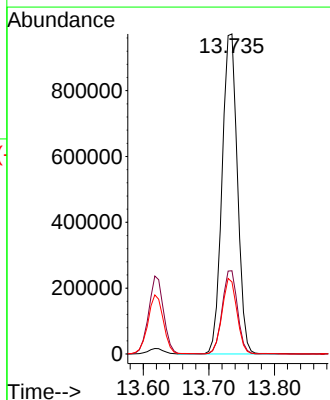
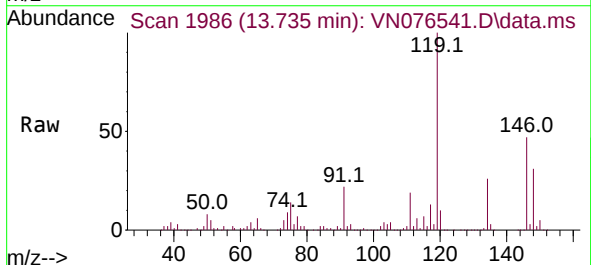
Manual Integrations
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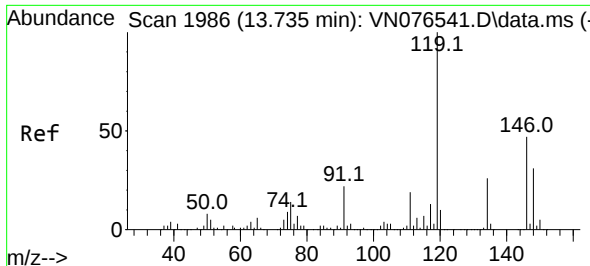
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023



#86
 p-Isopropyltoluene
 Concen: 56.763 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076541.D
 Acq: 06 Feb 2023 13:58

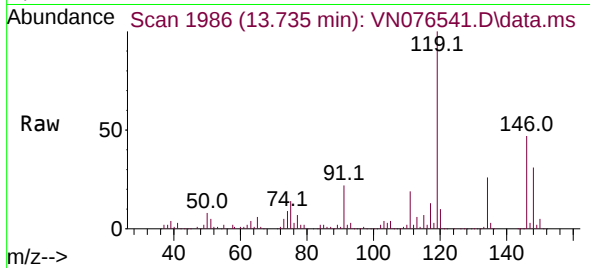
Tgt Ion:119 Resp: 1573845
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 22.8 11.4 34.2





#87
 1,3-Dichlorobenzene
 Concen: 51.567 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076541.D
 Acq: 06 Feb 2023 13:58

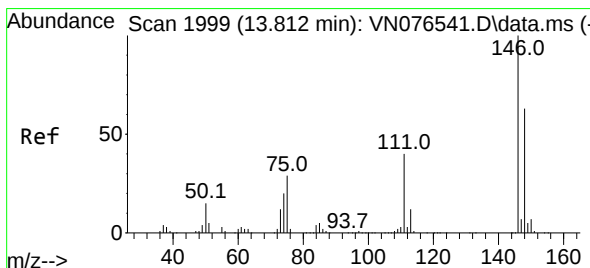
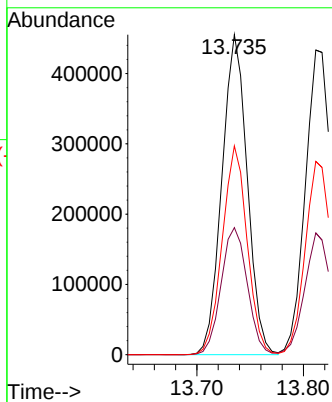
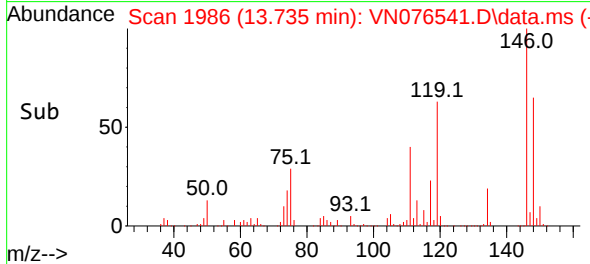
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion:146 Resp: 75308
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.5 61.5
 148 64.1 32.0 96.2

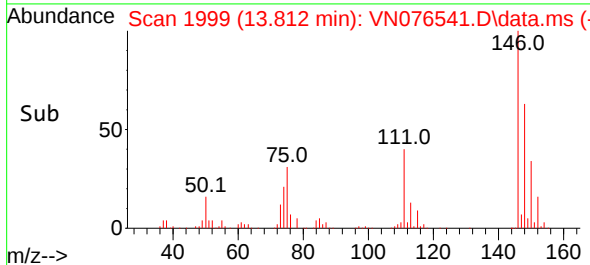
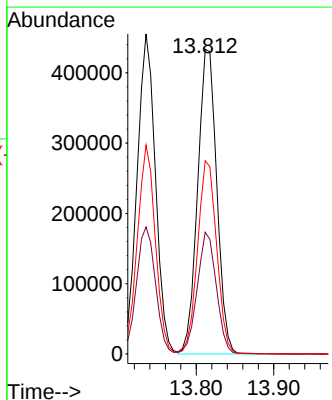
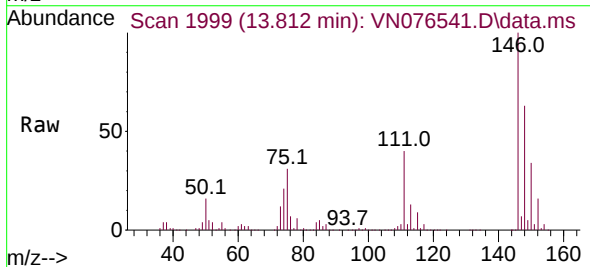
Manual Integrations
 APPROVED

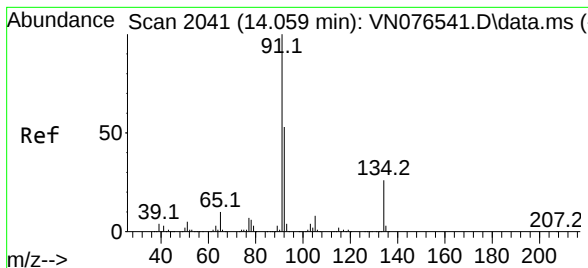
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023



#88
 1,4-Dichlorobenzene
 Concen: 50.522 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN076541.D
 Acq: 06 Feb 2023 13:58

Tgt Ion:146 Resp: 744244
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.1 60.2
 148 63.3 31.6 95.0





#89

n-Butylbenzene

Concen: 58.162 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN076541.D

Acq: 06 Feb 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 127931

Ion Ratio Lower Upper

91 100

92 53.8 26.9 80.7

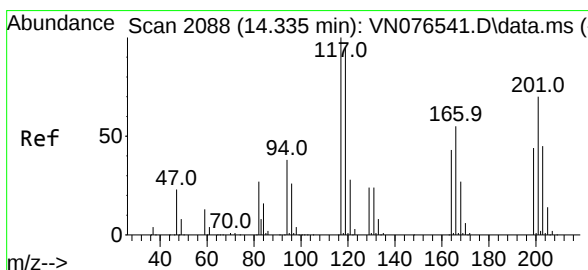
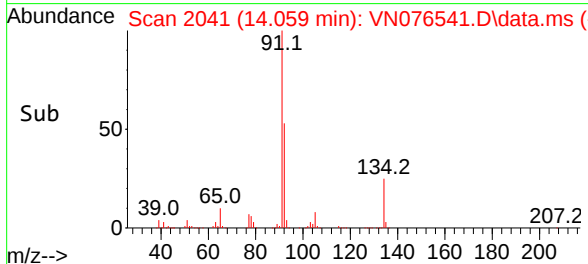
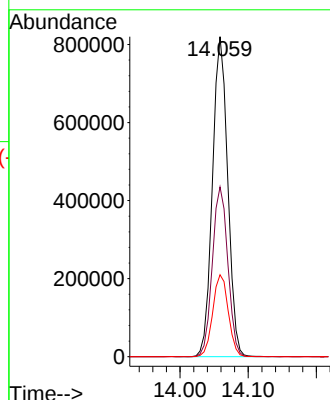
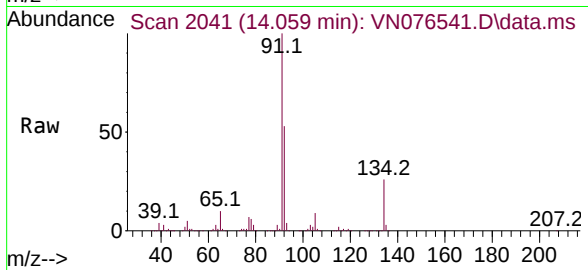
134 26.0 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#90

Hexachloroethane

Concen: 54.478 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN076541.D

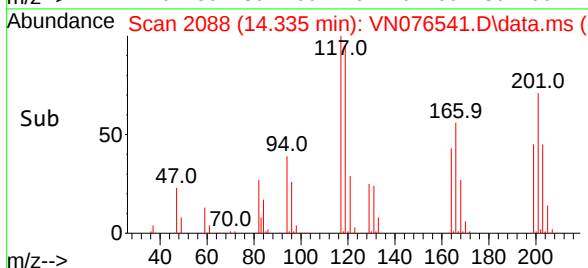
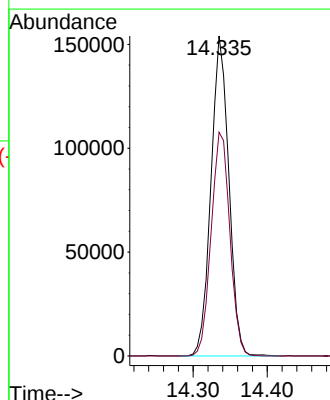
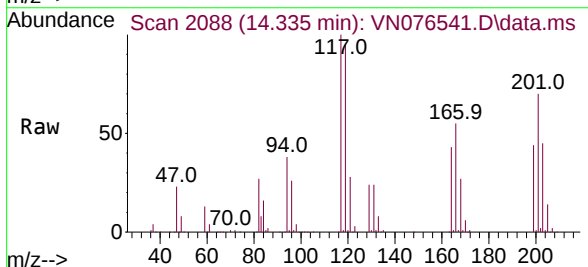
Acq: 06 Feb 2023 13:58

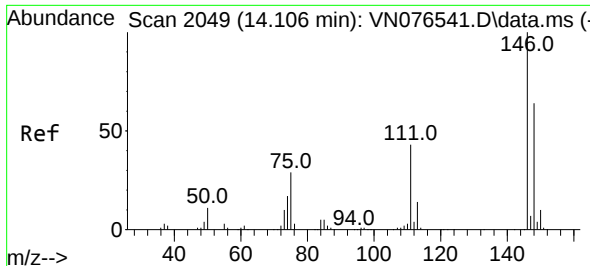
Tgt Ion:117 Resp: 257910

Ion Ratio Lower Upper

117 100

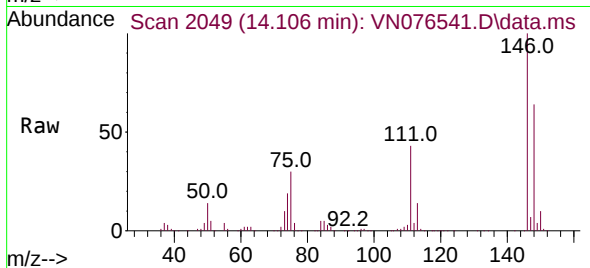
201 73.1 36.5 109.7





#91
1,2-Dichlorobenzene
Concen: 51.451 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58

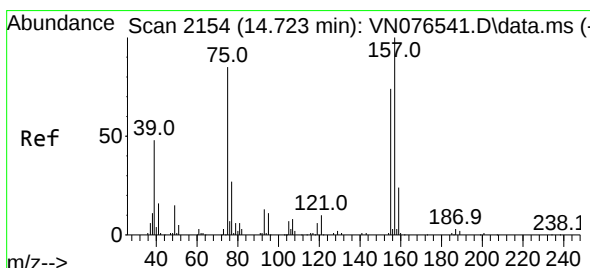
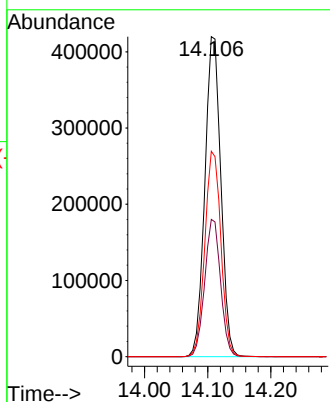
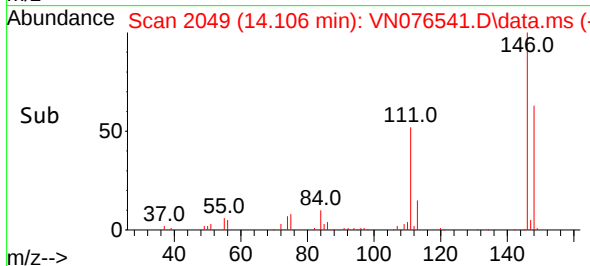
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



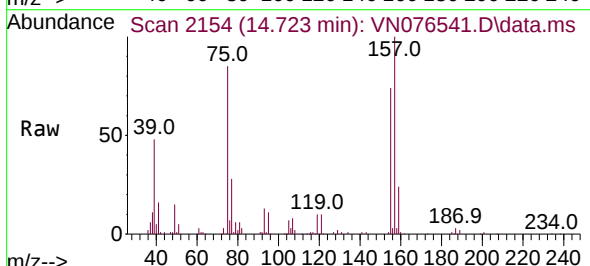
Tgt Ion:146 Resp: 73732
Ion Ratio Lower Upper
146 100
111 42.6 21.3 63.9
148 64.6 32.3 96.9

Manual Integrations
APPROVED

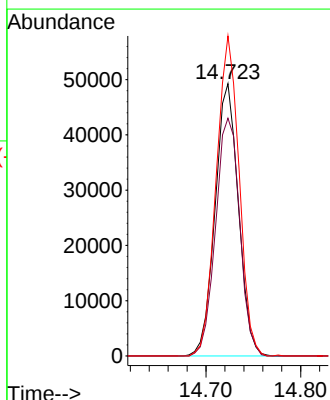
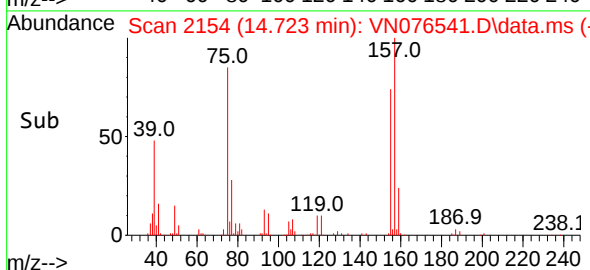
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

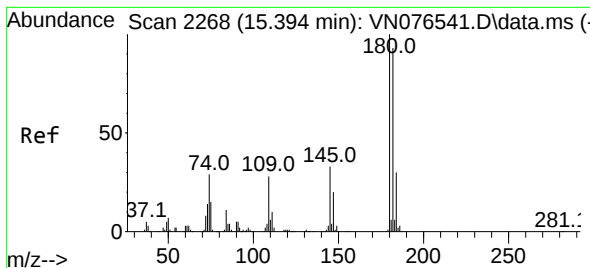


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.373 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076541.D
Acq: 06 Feb 2023 13:58



Tgt Ion: 75 Resp: 84321
Ion Ratio Lower Upper
75 100
155 90.0 45.0 135.0
157 115.3 57.6 173.0





#93

1,2,4-Trichlorobenzene

Concen: 55.569 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN076541.D

Acq: 06 Feb 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 35095

Ion Ratio Lower Upper

180 100

182 94.4 47.2 141.6

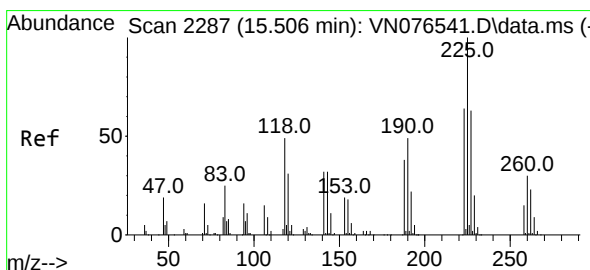
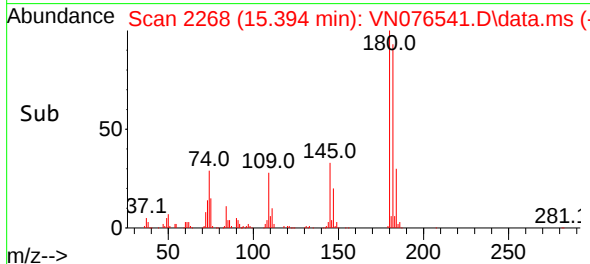
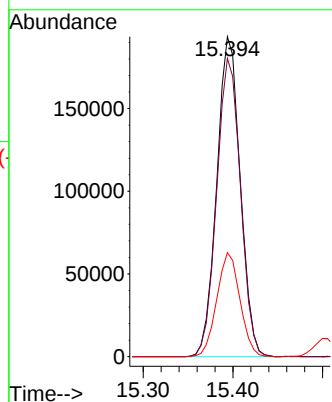
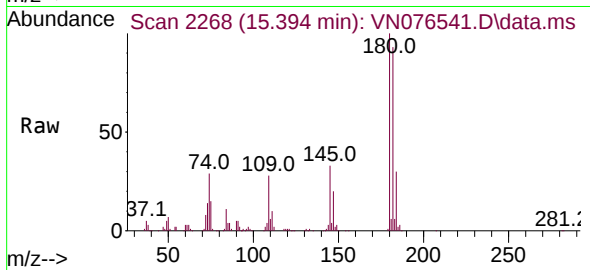
145 32.1 16.1 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#94

Hexachlorobutadiene

Concen: 51.705 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN076541.D

Acq: 06 Feb 2023 13:58

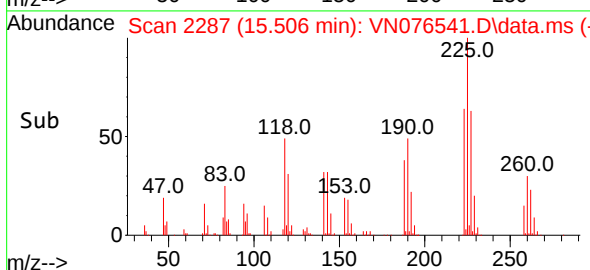
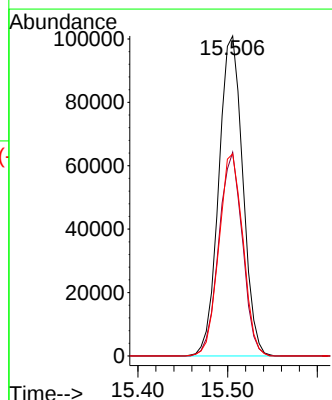
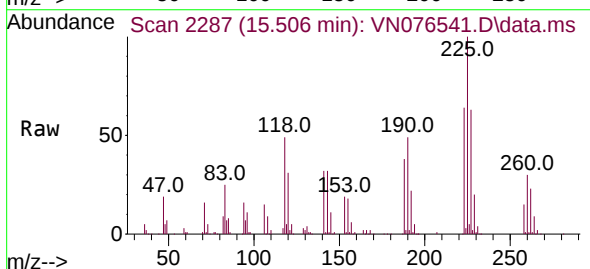
Tgt Ion:225 Resp: 187489

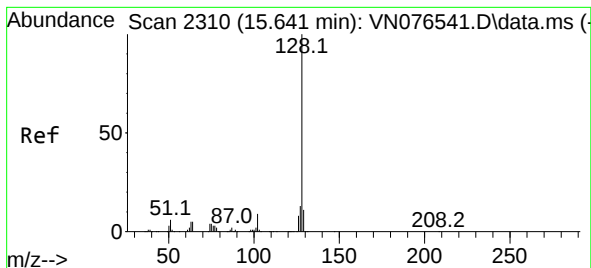
Ion Ratio Lower Upper

225 100

223 62.6 31.3 93.9

227 63.3 31.6 95.0





#95

Naphthalene

Concen: 55.777 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. 0.000 min

Lab File: VN076541.D

Acq: 06 Feb 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:128 Resp: 1037592

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

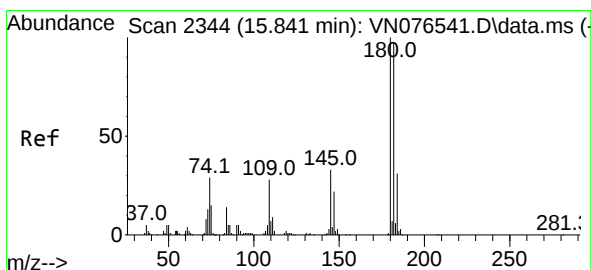
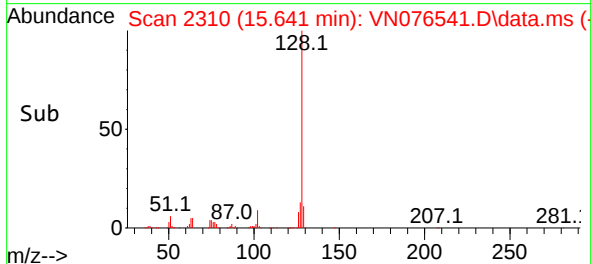
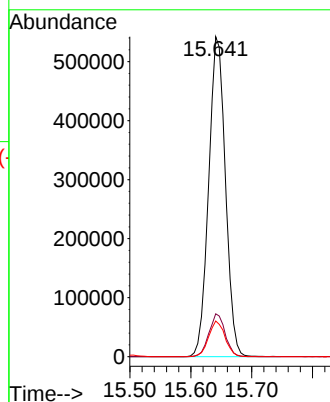
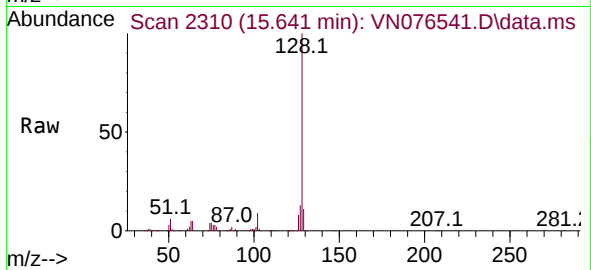
129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#96

1,2,3-Trichlorobenzene

Concen: 54.910 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. 0.000 min

Lab File: VN076541.D

Acq: 06 Feb 2023 13:58

Tgt Ion:180 Resp: 333388

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.8

145 33.5 16.8 50.3

