

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076542.D
 Acq On : 06 Feb 2023 14:22
 Operator : JC\MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Quant Time: Feb 07 01:00:06 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	567269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	942020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	870307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	431449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	476861	49.653	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.300%		
35) Dibromofluoromethane	8.177	113	423039	51.995	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.980%		
50) Toluene-d8	10.571	98	1648848	57.380	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	114.760%#		
62) 4-Bromofluorobenzene	12.853	95	610231	64.704	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	129.400%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	460545	72.207	ug/l	99
3) Chloromethane	2.371	50	407840	70.737	ug/l	99
4) Vinyl Chloride	2.530	62	329307	69.065	ug/l	98
5) Bromomethane	2.942	94	229096	56.073	ug/l	96
6) Chloroethane	3.118	64	188749	63.369	ug/l	98
7) Trichlorofluoromethane	3.506	101	670718	64.658	ug/l	100
8) Diethyl Ether	3.971	74	271461	71.962	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	415552	68.720	ug/l	99
10) Methyl Iodide	4.600	142	654364	75.437	ug/l	99
11) Tert butyl alcohol	5.541	59	334782	350.644	ug/l	100
12) 1,1-Dichloroethene	4.353	96	405211	70.568	ug/l	98
13) Acrolein	4.189	56	446336	341.273	ug/l	99
14) Allyl chloride	5.036	41	575419	76.636	ug/l	99
15) Acrylonitrile	5.730	53	938721	351.112	ug/l	100
16) Acetone	4.442	43	722177	358.590	ug/l	99
17) Carbon Disulfide	4.724	76	1069587	73.299	ug/l	100
18) Methyl Acetate	5.042	43	509775	70.622	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	1345151	72.096	ug/l	100
20) Methylene Chloride	5.289	84	456491	66.871	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	433425	71.646	ug/l	99
22) Diisopropyl ether	6.683	45	1209212	72.290	ug/l	98
23) Vinyl Acetate	6.612	43	4004534	371.464	ug/l	99
24) 1,1-Dichloroethane	6.577	63	760288	71.598	ug/l	100
25) 2-Butanone	7.488	43	1142450	342.181	ug/l	98
26) 2,2-Dichloropropane	7.500	77	632006	70.621	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	513812	72.544	ug/l	98
28) Bromochloromethane	7.824	49	328714	74.760	ug/l	99
29) Tetrahydrofuran	7.847	42	762669	358.978	ug/l	99
30) Chloroform	7.971	83	811306	69.594	ug/l	98
31) Cyclohexane	8.265	56	704203	55.620	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	744440	71.629	ug/l	98
36) 1,1-Dichloropropene	8.377	75	604513	72.574	ug/l	100
37) Ethyl Acetate	7.571	43	467009	70.290	ug/l	98
38) Carbon Tetrachloride	8.371	117	652753	71.923	ug/l	98
39) Methylcyclohexane	9.606	83	784361	77.628	ug/l	100
40) Benzene	8.612	78	1845925	72.793	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	259571	73.156	ug/l	98
42) 1,2-Dichloroethane	8.677	62	589154	69.911	ug/l	100
43) Isopropyl Acetate	8.694	43	792915	73.385	ug/l	100
44) Trichloroethene	9.353	130	478582	70.590	ug/l	99
45) 1,2-Dichloropropane	9.624	63	442231	71.883	ug/l	97
46) Dibromomethane	9.712	93	311495	70.603	ug/l	99
47) Bromodichloromethane	9.894	83	646141	73.184	ug/l	98
48) Methyl methacrylate	9.682	41	389096	75.391	ug/l	98
49) 1,4-Dioxane	9.700	88	177223	1457.730	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	2345506	362.211	ug/l	100
52) Toluene	10.635	92	1206998	74.577	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	676286	79.139	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	754247	78.229	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	457207	72.172	ug/l	99
56) Ethyl methacrylate	10.876	69	686504	80.735	ug/l	100
57) 1,3-Dichloropropane	11.165	76	753151	72.034	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	1075702	366.420	ug/l	99
59) 2-Hexanone	11.200	43	1704568	362.317	ug/l	100
60) Dibromochloromethane	11.359	129	505931	75.156	ug/l	100
61) 1,2-Dibromoethane	11.471	107	467536	73.881	ug/l	99
64) Tetrachloroethene	11.106	164	455681	62.025	ug/l	96
65) Chlorobenzene	11.894	112	1263493	70.203	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	474384	71.923	ug/l	99
67) Ethyl Benzene	11.965	91	2349465	74.158	ug/l	100
68) m/p-Xylenes	12.070	106	1841235	149.855	ug/l	100
69) o-Xylene	12.400	106	911026	75.445	ug/l	100
70) Styrene	12.412	104	1508730	78.560	ug/l	99
71) Bromoform	12.582	173	359805	76.445	ug/l #	99
73) Isopropylbenzene	12.700	105	2389908	69.494	ug/l	99
74) N-amyl acetate	12.494	43	721894	72.017	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	642370	64.448	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	569938m	60.887	ug/l	
77) Bromobenzene	12.982	156	545341	67.398	ug/l	99
78) n-propylbenzene	13.035	91	2769975	72.389	ug/l	100
79) 2-Chlorotoluene	13.129	91	1653742	68.080	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	2053614	70.441	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	203671	77.174	ug/l	97
82) 4-Chlorotoluene	13.129	91	1653742	68.080	ug/l	100
83) tert-Butylbenzene	13.441	119	1782904	68.774	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	2065507	71.420	ug/l	99
85) sec-Butylbenzene	13.617	105	2560318	73.267	ug/l	99
86) p-Isopropyltoluene	13.729	119	2168521	76.204	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	1044112	69.660	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	1025842	67.851	ug/l	100
89) n-Butylbenzene	14.059	91	1795627	79.541	ug/l	99
90) Hexachloroethane	14.335	117	362481	74.601	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	1016649	69.122	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	118375	68.901	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	516978	79.756	ug/l	99
94) Hexachlorobutadiene	15.506	225	263405	70.776	ug/l	98
95) Naphthalene	15.641	128	1513609	79.277	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	484461	77.744	ug/l	99

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MSVOA_N
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VSTDICC075

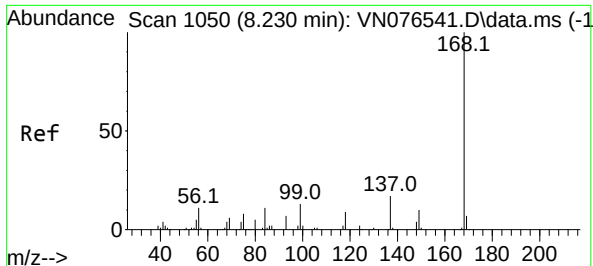
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/07/2023

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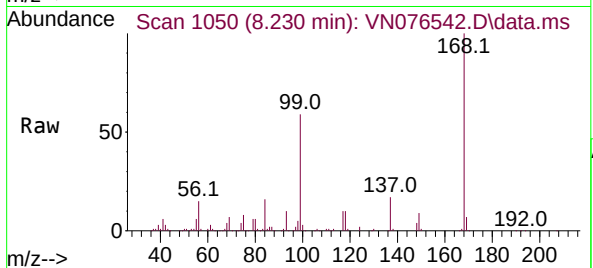
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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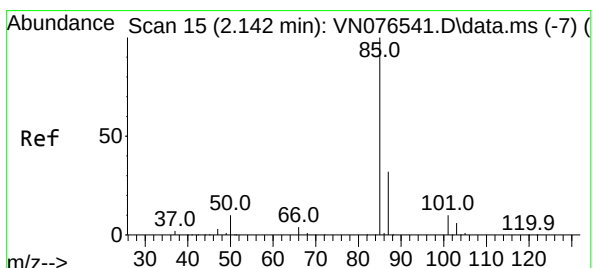
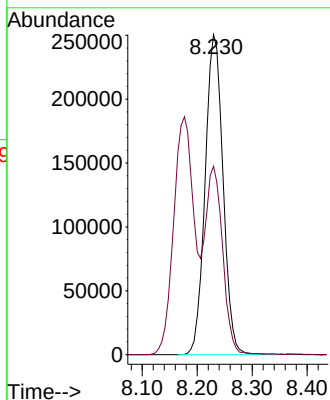
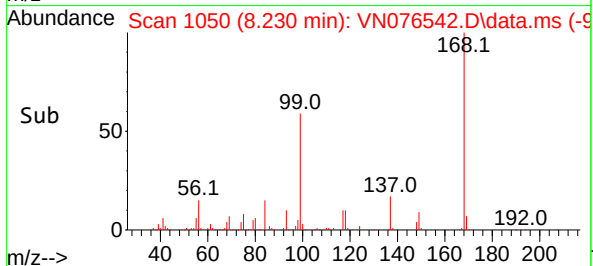
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



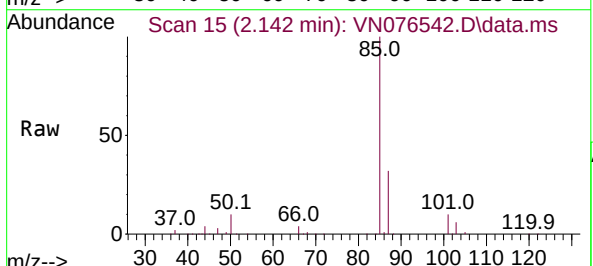
Tgt Ion:168 Resp: 567269
Ion Ratio Lower Upper
168 100
99 58.8 47.1 70.7

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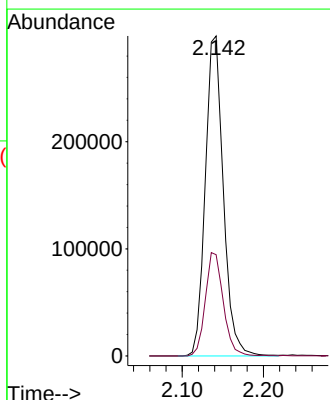
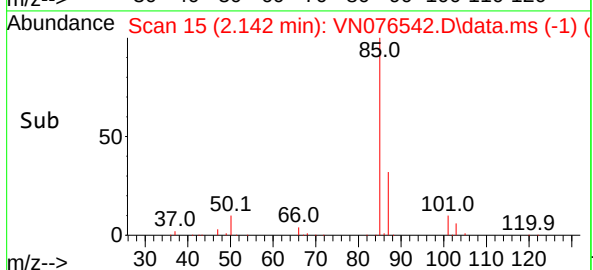
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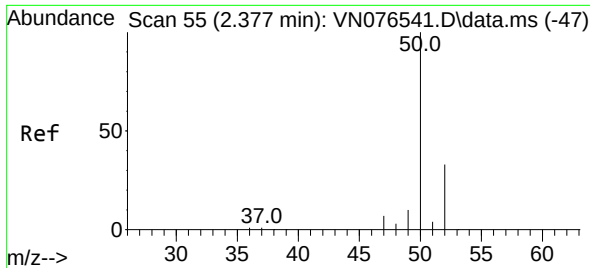


#2
Dichlorodifluoromethane
Concen: 72.207 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22



Tgt Ion: 85 Resp: 460545
Ion Ratio Lower Upper
85 100
87 31.7 16.2 48.6





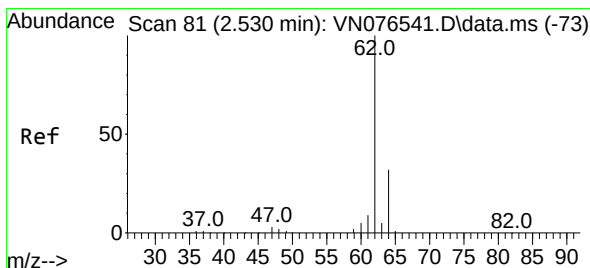
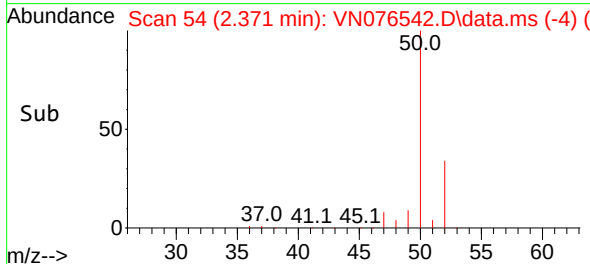
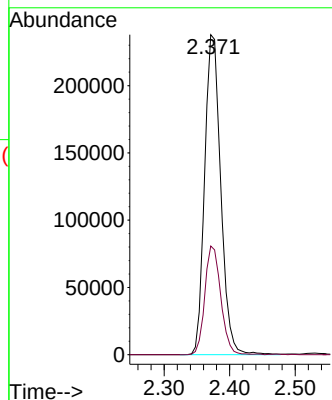
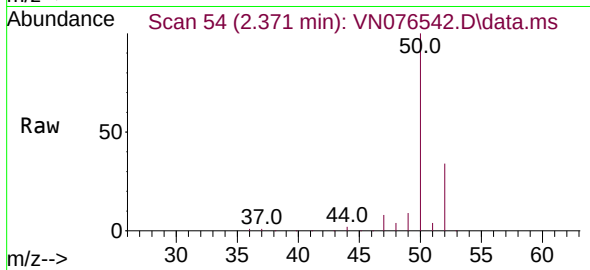
#3
Chloromethane
Concen: 70.737 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

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Tgt Ion: 50 Resp: 407840
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0

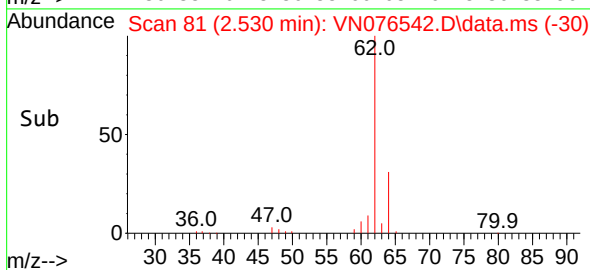
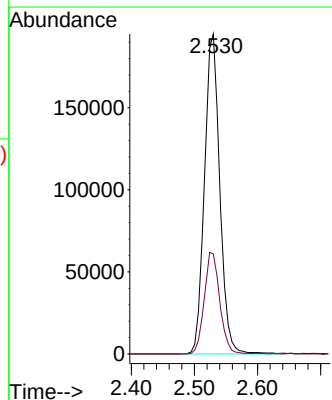
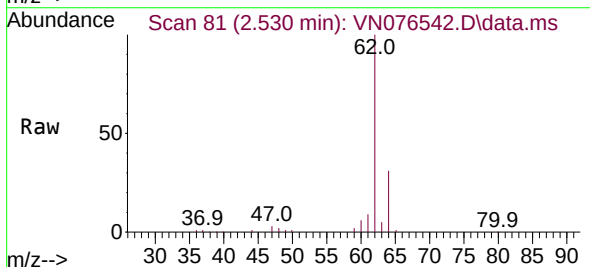
Manual Integrations
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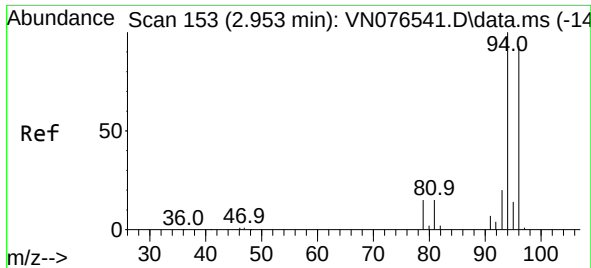
Reviewed By :John Carlone 02/07/2023
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#4
Vinyl Chloride
Concen: 69.065 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076542.D
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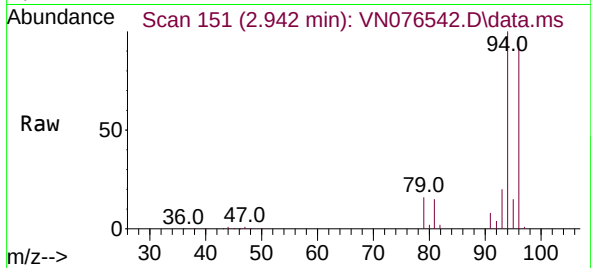
Tgt Ion: 62 Resp: 329307
Ion Ratio Lower Upper
62 100
64 31.3 25.9 38.9





#5
Bromomethane
Concen: 56.073 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN076542.D
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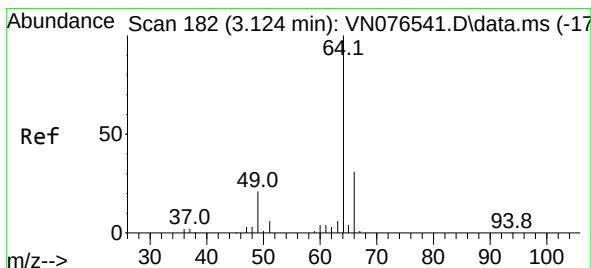
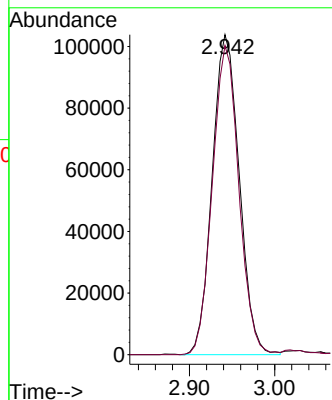
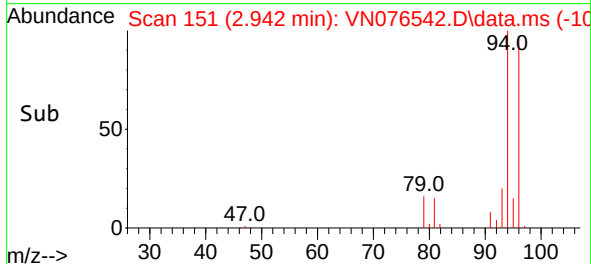
Instrument :
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Tgt Ion: 94 Resp: 229090
Ion Ratio Lower Upper
94 100
96 96.6 74.1 111.1

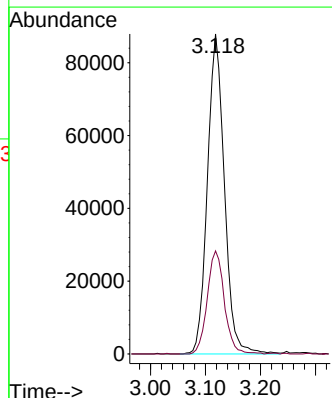
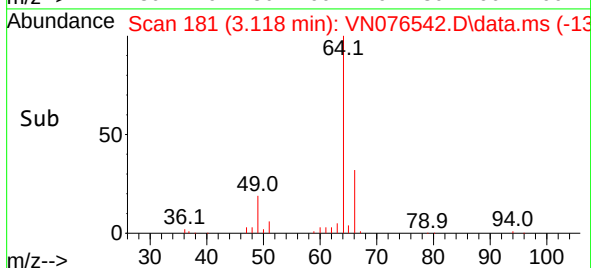
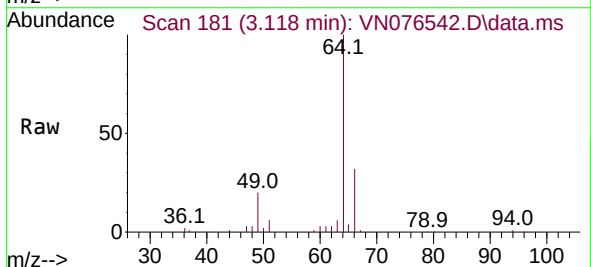
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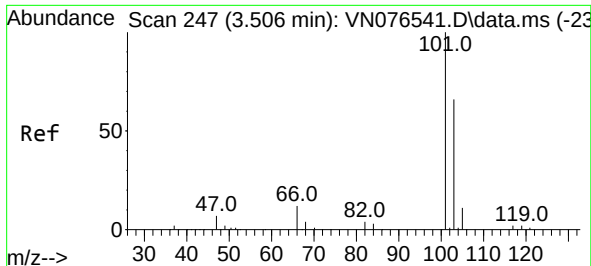
Reviewed By :John Carlone 02/07/2023
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#6
Chloroethane
Concen: 63.369 ug/l
RT: 3.118 min Scan# 181
Delta R.T. -0.006 min
Lab File: VN076542.D
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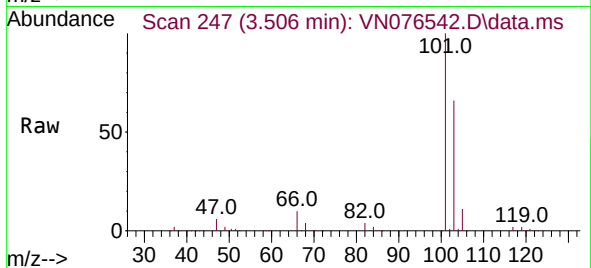
Tgt Ion: 64 Resp: 188749
Ion Ratio Lower Upper
64 100
66 32.2 25.0 37.6





#7
Trichlorofluoromethane
Concen: 64.658 ug/l
RT: 3.506 min Scan# 247
Delta R.T. 0.000 min
Lab File: VN076542.D
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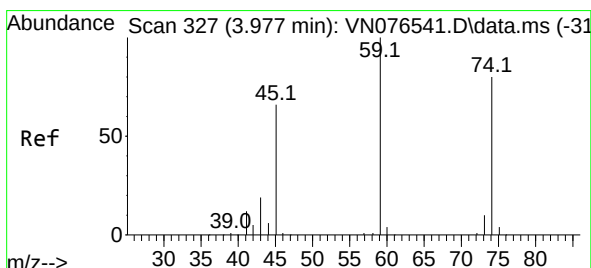
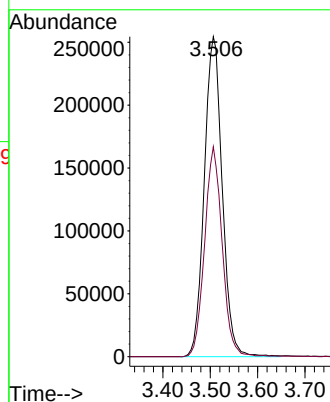
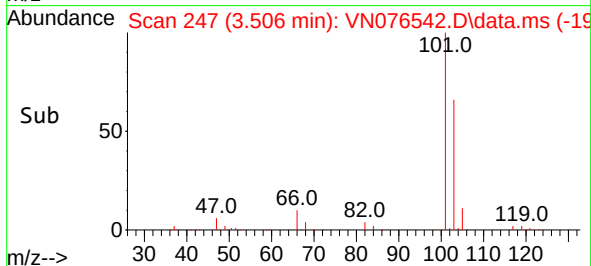
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



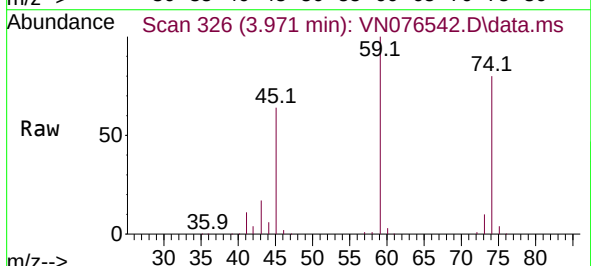
Tgt Ion:101 Resp: 670718
Ion Ratio Lower Upper
101 100
103 65.6 52.6 78.8

Manual Integrations
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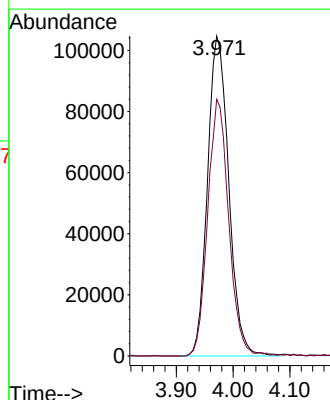
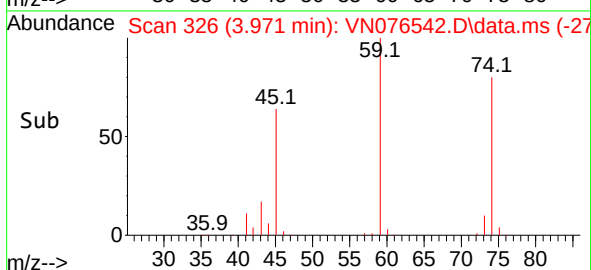
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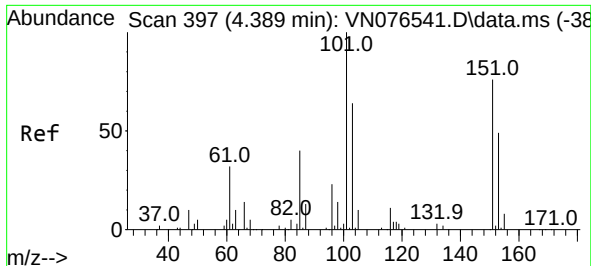


#8
Diethyl Ether
Concen: 71.962 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 271461
Ion Ratio Lower Upper
74 100
45 79.3 40.8 122.5





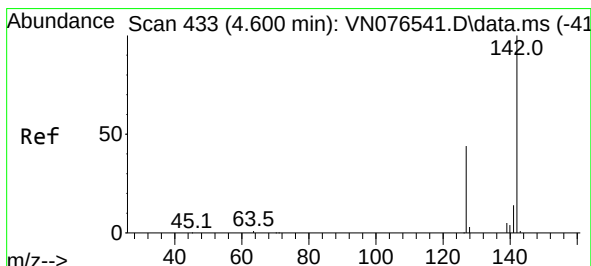
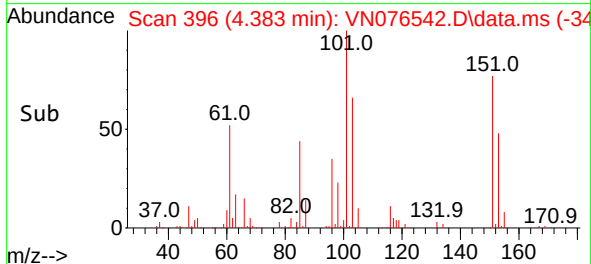
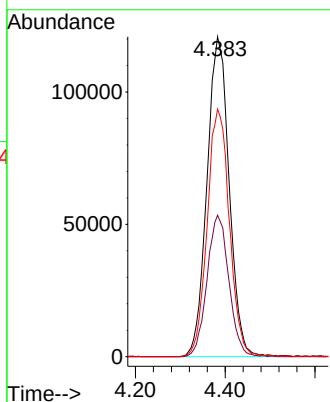
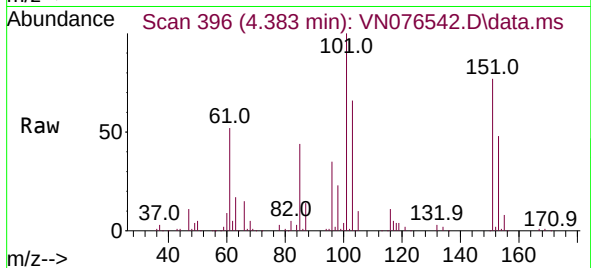
#9
1,1,2-Trichlorotrifluoroethane
Concen: 68.720 ug/l
RT: 4.383 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:101 Resp: 41555
Ion Ratio Lower Upper
101 100
85 43.4 33.9 50.9
151 77.5 61.2 91.8

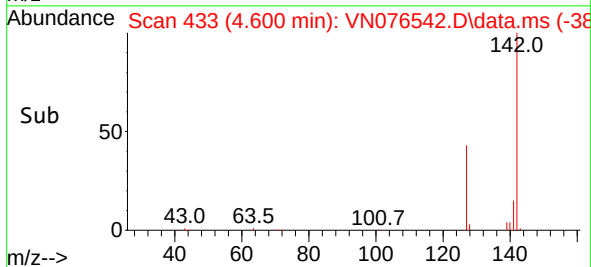
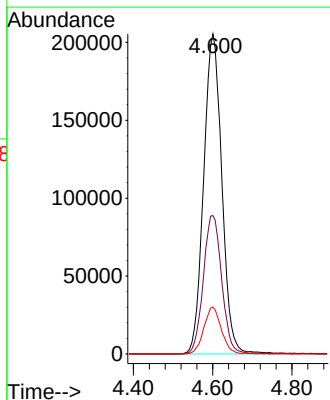
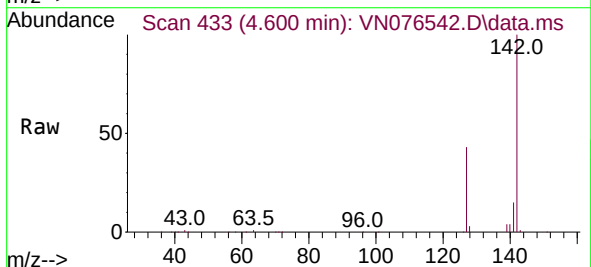
Manual Integrations
APPROVED

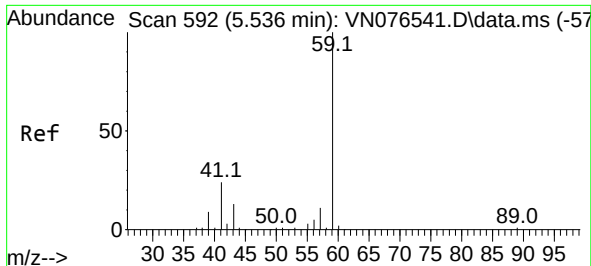
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#10
Methyl Iodide
Concen: 75.437 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

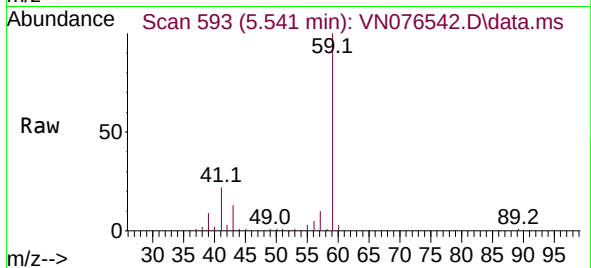
Tgt Ion:142 Resp: 654364
Ion Ratio Lower Upper
142 100
127 43.6 35.5 53.3
141 14.1 11.3 16.9





#11
Tert butyl alcohol
Concen: 350.644 ug/l
RT: 5.541 min Scan# 592
Delta R.T. 0.006 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

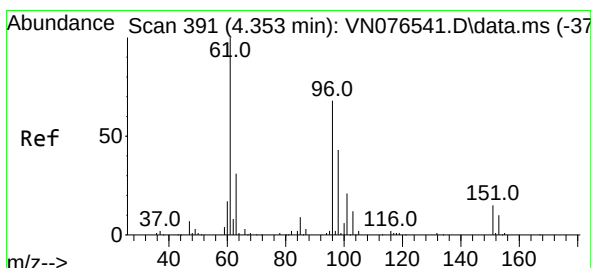
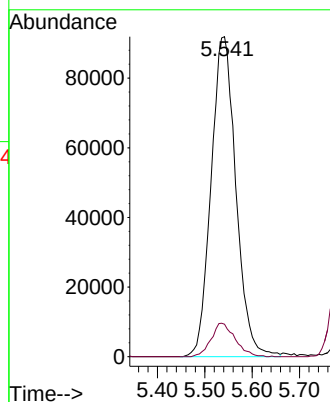
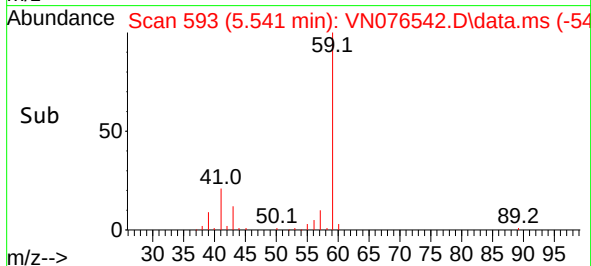
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 59 Resp: 33478
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2

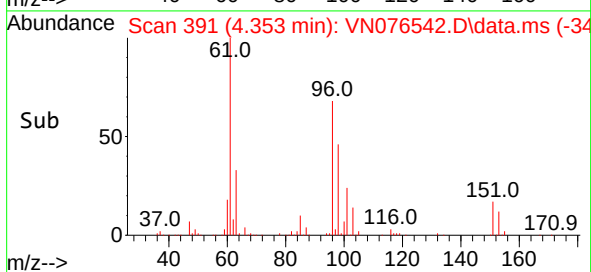
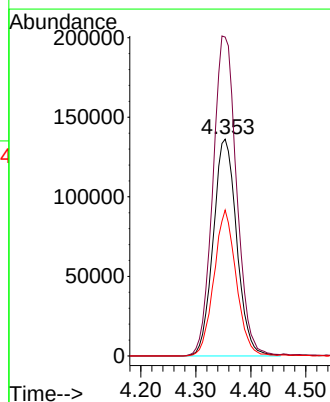
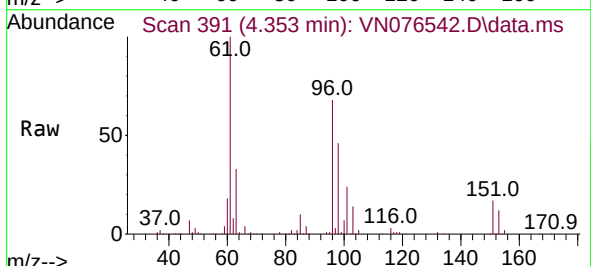
Manual Integrations
APPROVED

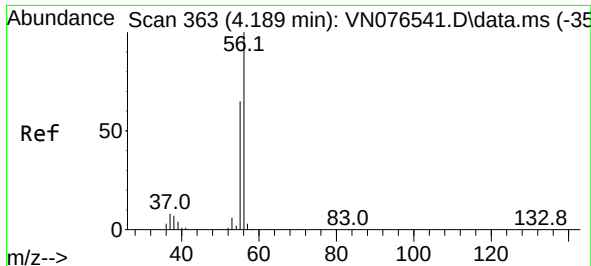
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#12
1,1-Dichloroethene
Concen: 70.568 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

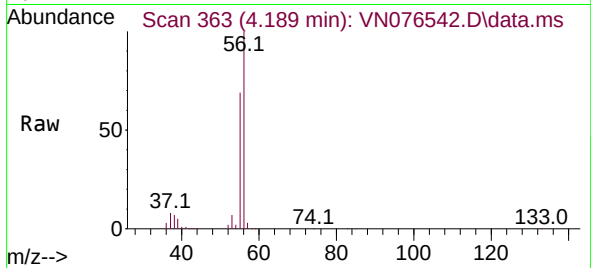
Tgt Ion: 96 Resp: 405211
Ion Ratio Lower Upper
96 100
61 147.1 117.9 176.9
98 67.3 50.2 75.2





#13
Acrolein
Concen: 341.273 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

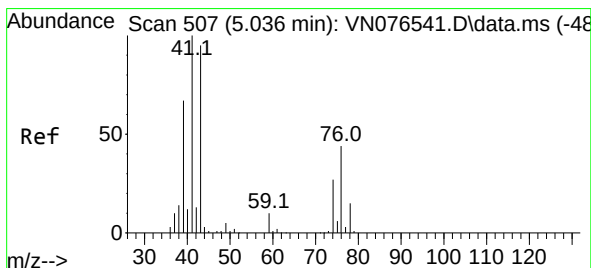
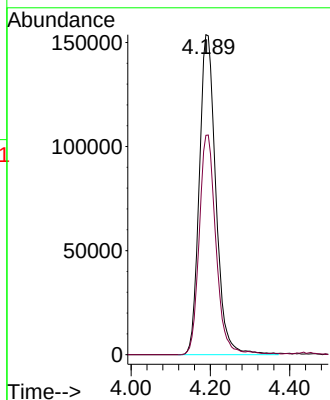
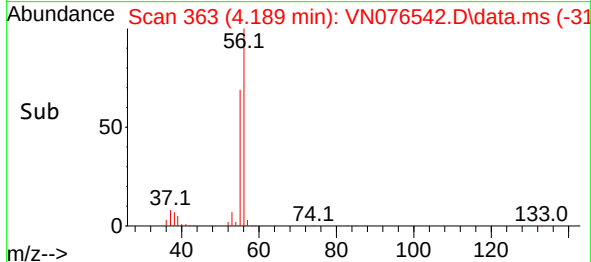
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 56 Resp: 446330
Ion Ratio Lower Upper
56 100
55 68.5 55.4 83.2

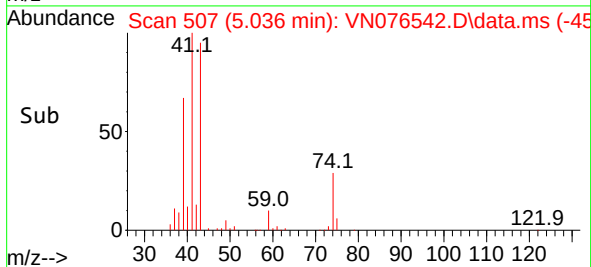
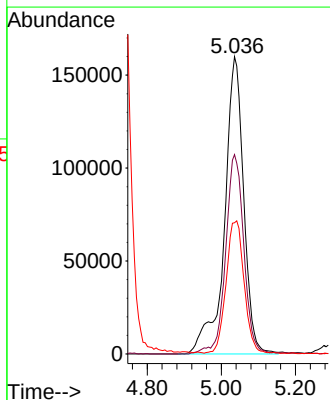
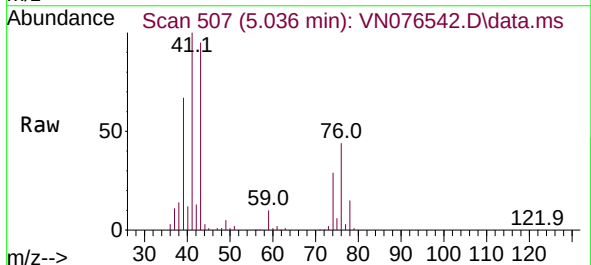
Manual Integrations
APPROVED

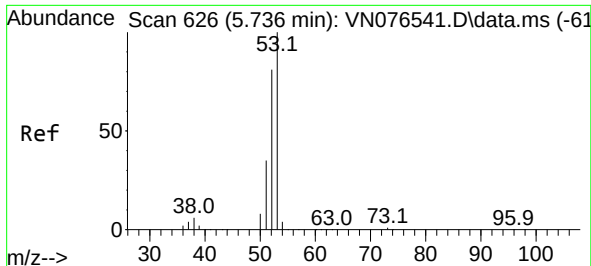
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#14
Allyl chloride
Concen: 76.636 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

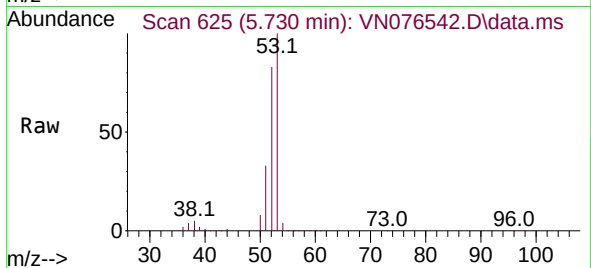
Tgt Ion: 41 Resp: 575419
Ion Ratio Lower Upper
41 100
39 63.6 51.6 77.4
76 41.5 33.1 49.7





#15
Acrylonitrile
Concen: 351.112 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

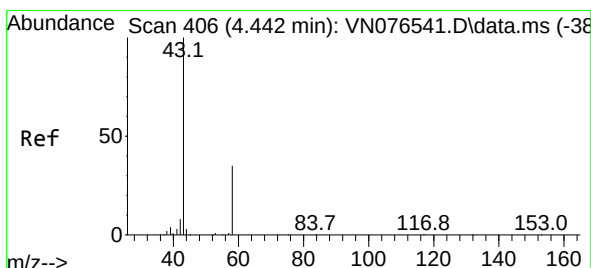
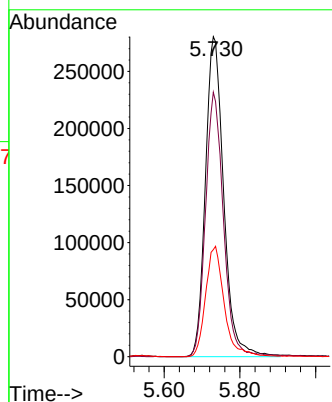
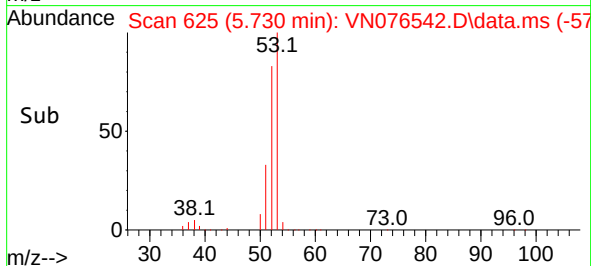
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 53 Resp: 93872
Ion Ratio Lower Upper
53 100
52 81.2 65.0 97.4
51 35.2 28.7 43.1

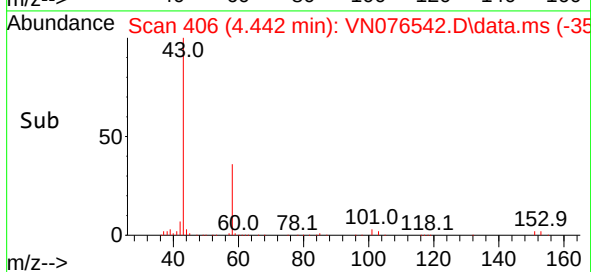
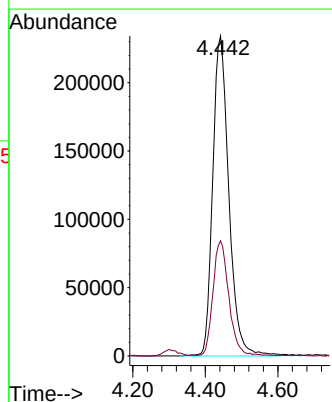
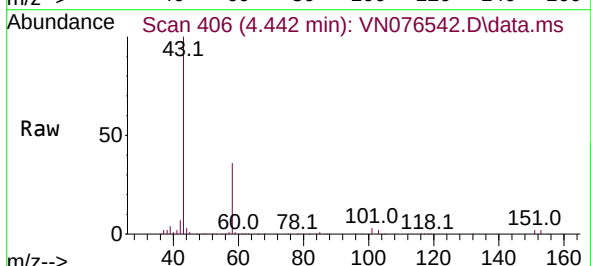
Manual Integrations
APPROVED

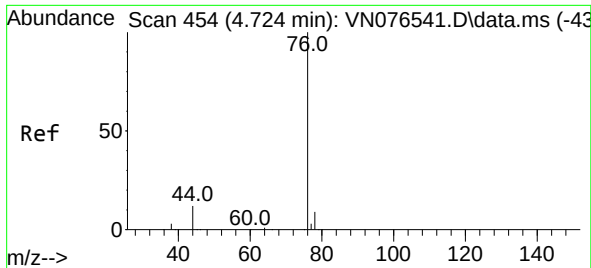
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#16
Acetone
Concen: 358.590 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

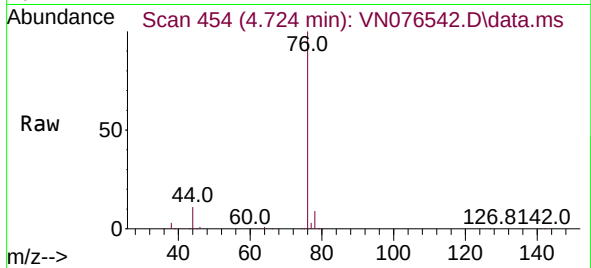
Tgt Ion: 43 Resp: 722177
Ion Ratio Lower Upper
43 100
58 35.9 28.3 42.5





#17
Carbon Disulfide
Concen: 73.299 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

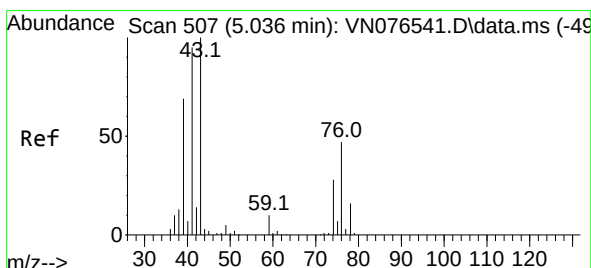
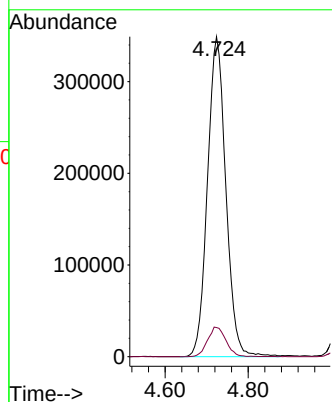
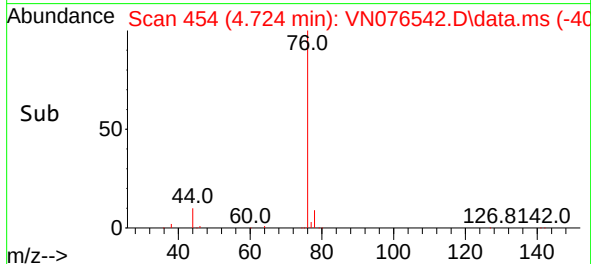
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



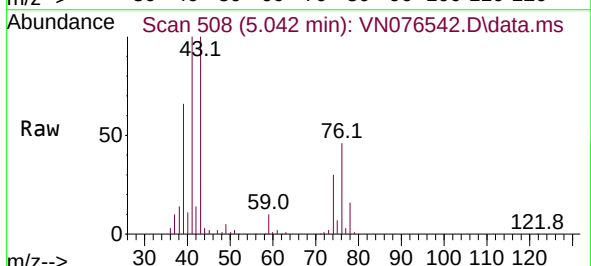
Tgt Ion: 76 Resp: 106958
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

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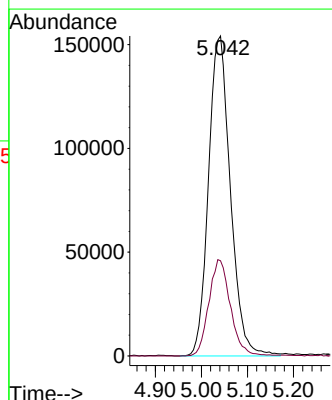
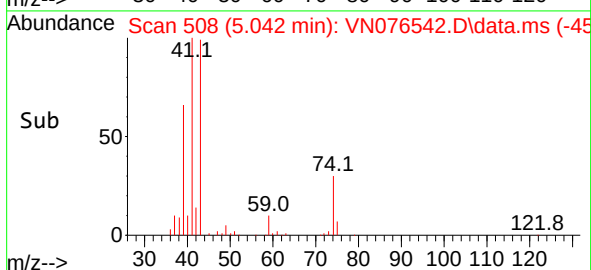
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

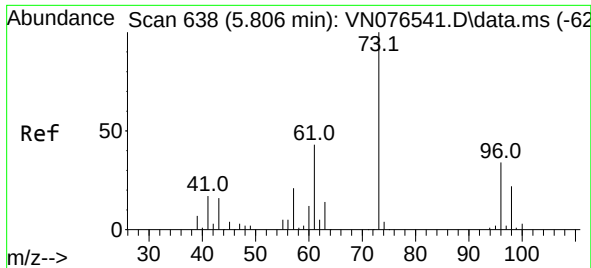


#18
Methyl Acetate
Concen: 70.622 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22



Tgt Ion: 43 Resp: 509775
Ion Ratio Lower Upper
43 100
74 29.6 23.6 35.4





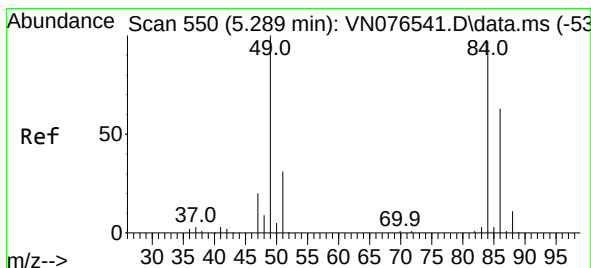
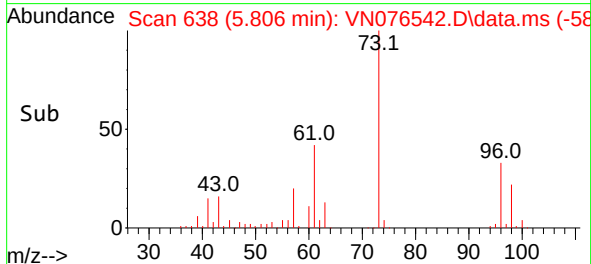
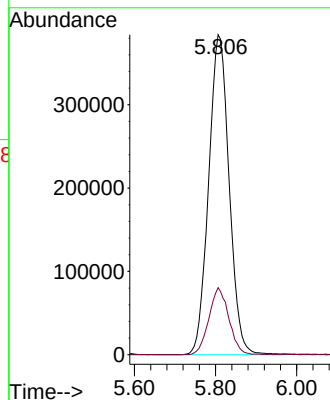
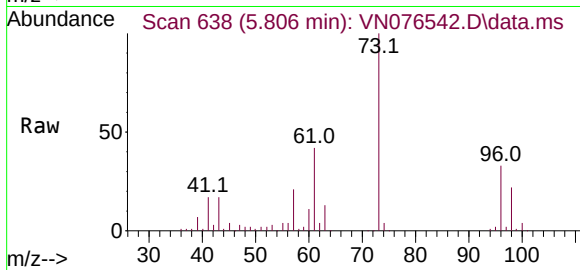
#19
Methyl tert-butyl Ether
Concen: 72.096 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 73 Resp: 134515
Ion Ratio Lower Upper
73 100
57 20.9 16.8 25.2

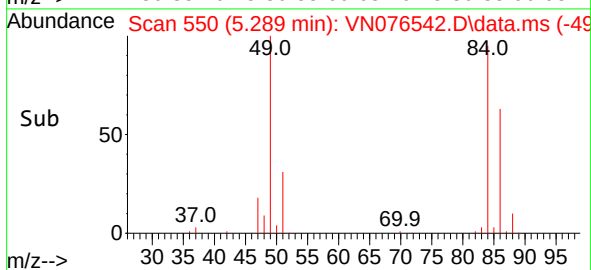
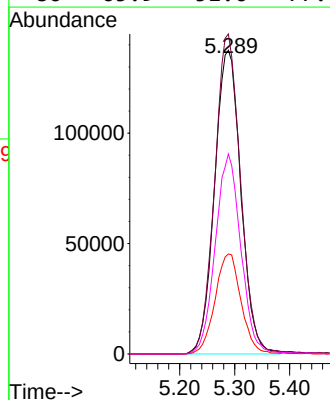
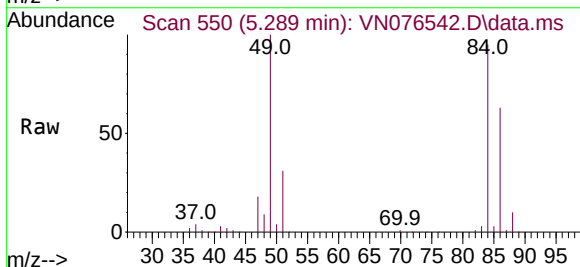
Manual Integrations
APPROVED

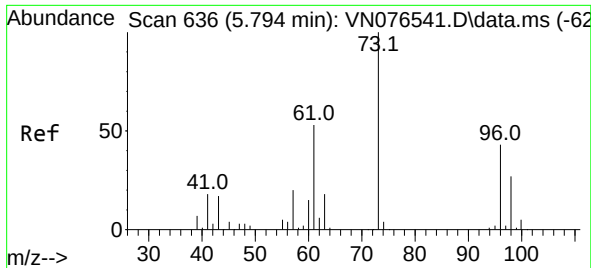
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#20
Methylene Chloride
Concen: 66.871 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

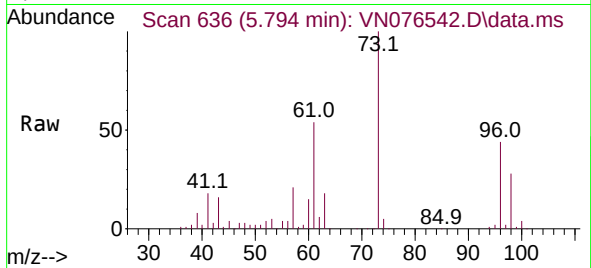
Tgt Ion: 84 Resp: 456491
Ion Ratio Lower Upper
84 100
49 105.4 82.3 123.5
51 32.9 25.9 38.9
86 65.9 51.6 77.4





#21
trans-1,2-Dichloroethene
Concen: 71.646 ug/l
RT: 5.794 min Scan# 636
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

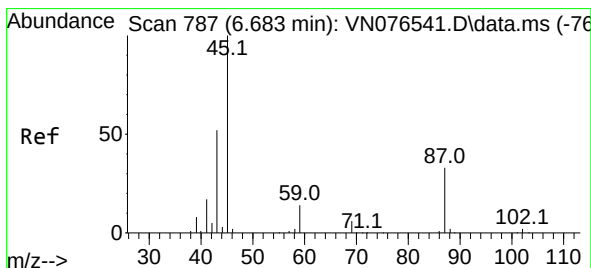
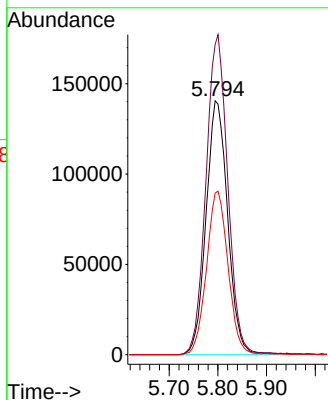
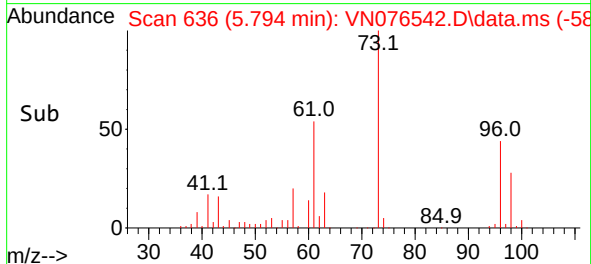
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC075



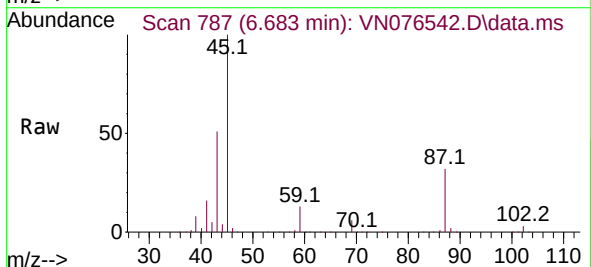
Tgt Ion: 96 Resp: 433425
Ion Ratio Lower Upper
96 100
61 122.2 98.6 148.0
98 63.6 49.9 74.9

Manual Integrations
APPROVED

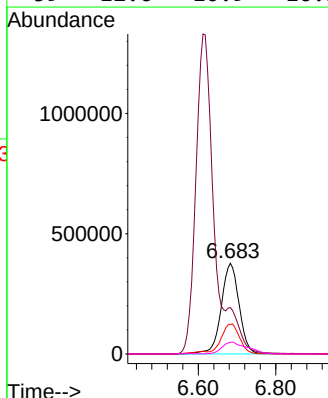
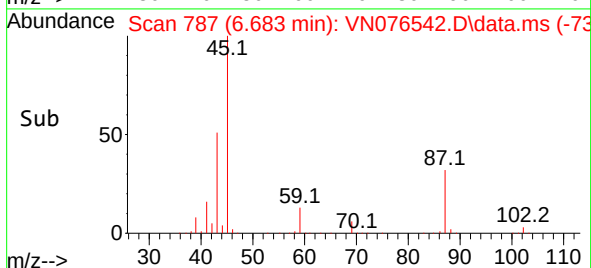
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

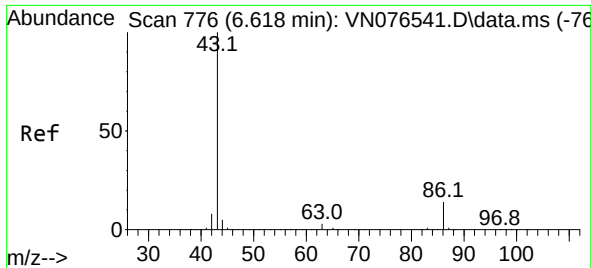


#22
Diisopropyl ether
Concen: 72.290 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22



Tgt Ion: 45 Resp: 1209212
Ion Ratio Lower Upper
45 100
43 50.8 41.8 62.6
87 32.4 26.6 39.8
59 12.6 10.9 16.3





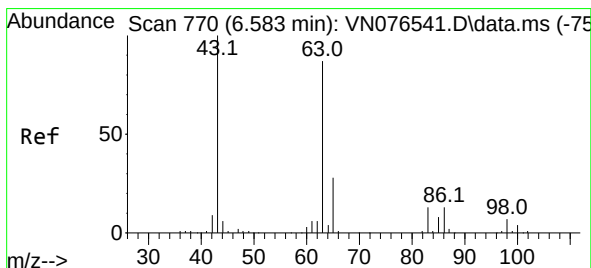
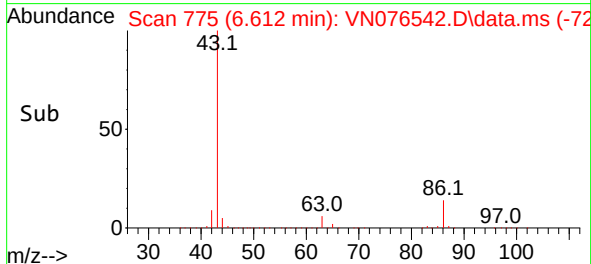
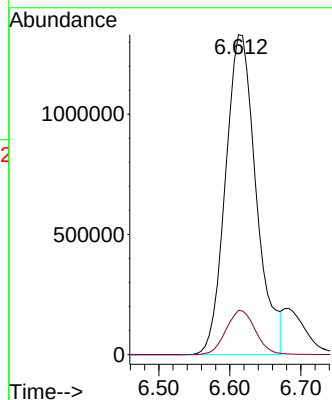
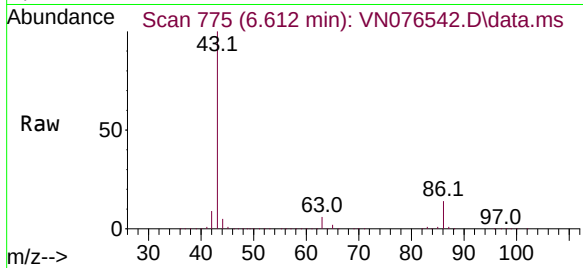
#23
 Vinyl Acetate
 Concen: 371.464 ug/l
 RT: 6.612 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN076542.D
 Acq: 06 Feb 2023 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Tgt Ion: 43 Resp: 4004534
 Ion Ratio Lower Upper
 43 100
 86 13.9 11.3 16.9

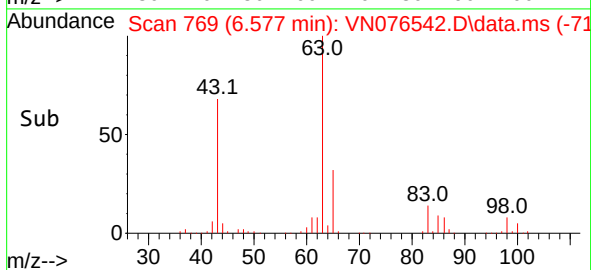
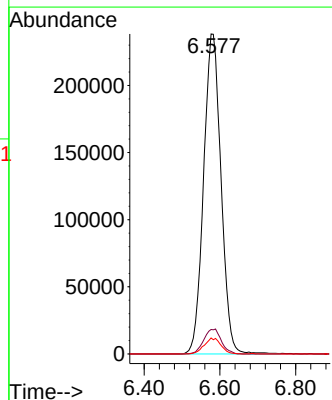
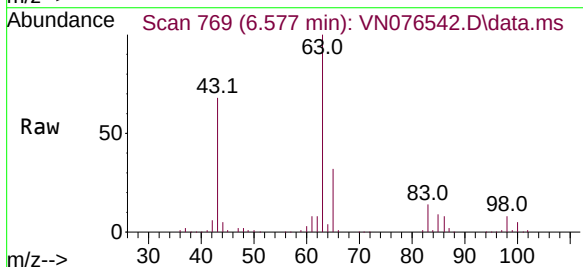
Manual Integrations
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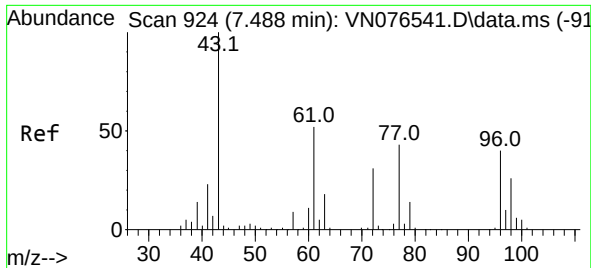
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023



#24
 1,1-Dichloroethane
 Concen: 71.598 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076542.D
 Acq: 06 Feb 2023 14:22

Tgt Ion: 63 Resp: 760288
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.5
 100 5.0 2.5 7.5





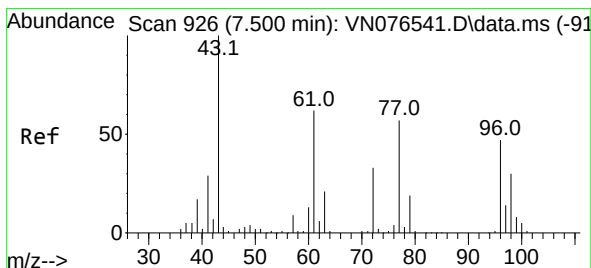
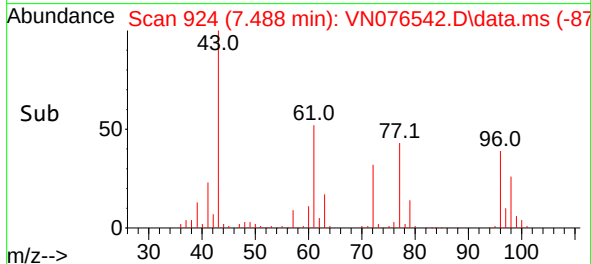
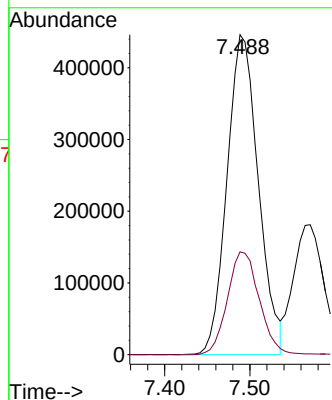
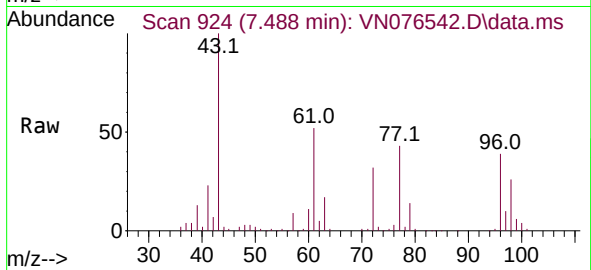
#25
2-Butanone
Concen: 342.181 ug/l
RT: 7.488 min Scan# 912
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 43 Resp: 1142450
Ion Ratio Lower Upper
43 100
72 32.2 24.8 37.2

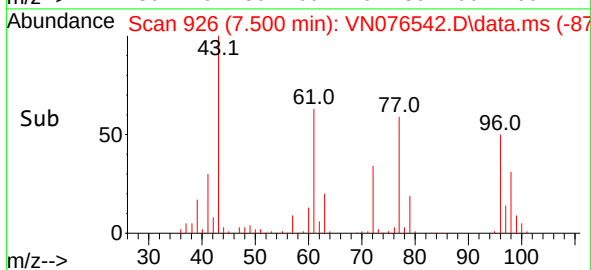
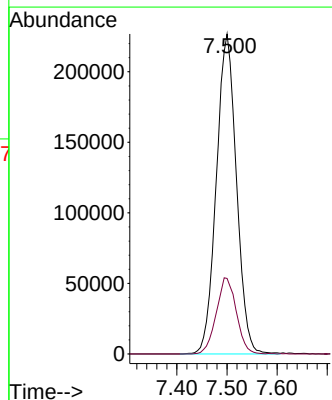
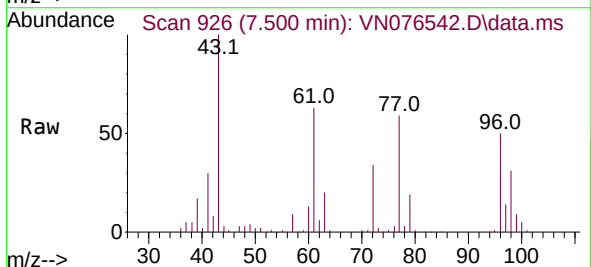
Manual Integrations
APPROVED

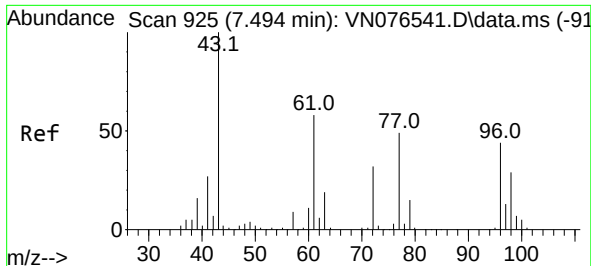
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#26
2,2-Dichloropropane
Concen: 70.621 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

Tgt Ion: 77 Resp: 632006
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 72.544 ug/l

RT: 7.494 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076542.D

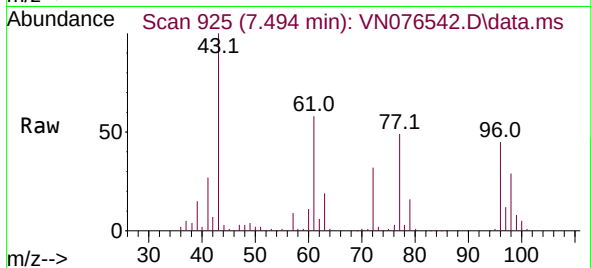
Acq: 06 Feb 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075



Tgt Ion: 96 Resp: 51381

Ion Ratio Lower Upper

96 100

61 130.3 0.0 266.4

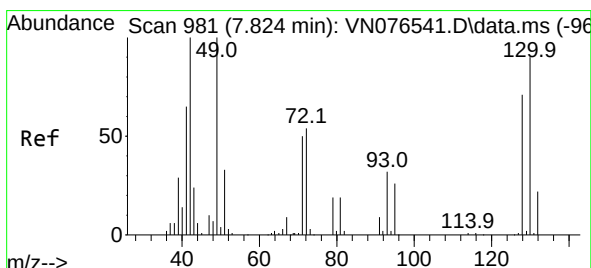
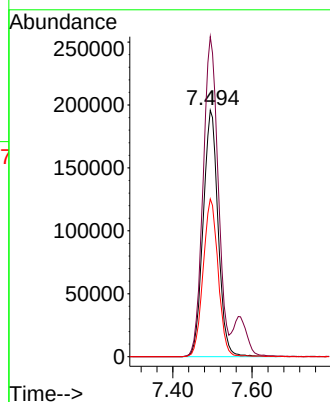
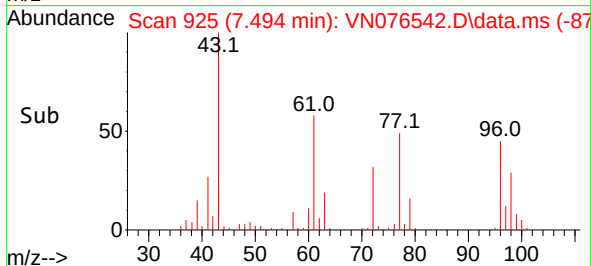
98 63.9 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#28

Bromochloromethane

Concen: 74.760 ug/l

RT: 7.824 min Scan# 981

Delta R.T. 0.000 min

Lab File: VN076542.D

Acq: 06 Feb 2023 14:22

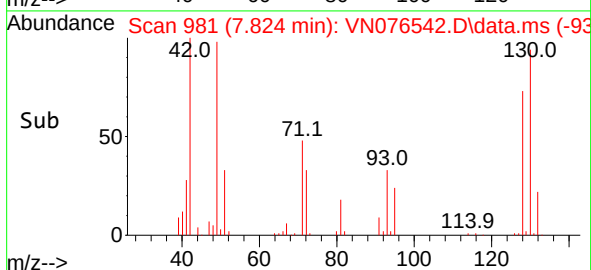
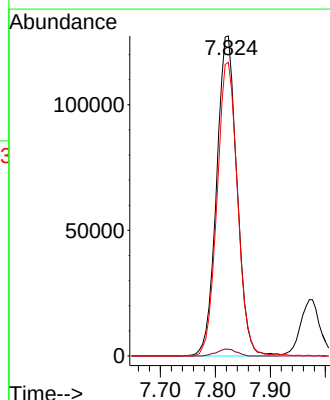
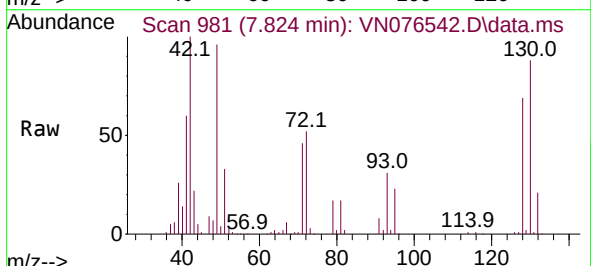
Tgt Ion: 49 Resp: 328714

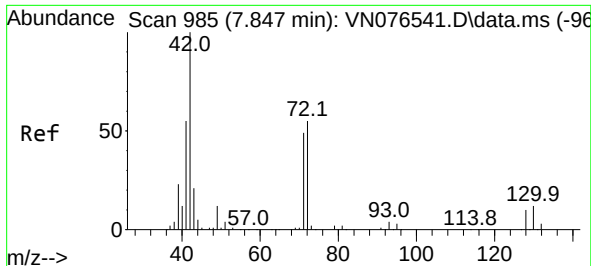
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

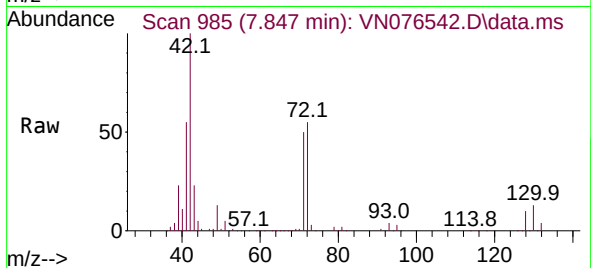
130 91.7 72.6 108.8





#29
Tetrahydrofuran
Concen: 358.978 ug/l
RT: 7.847 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

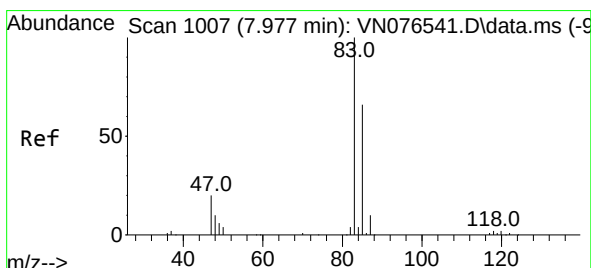
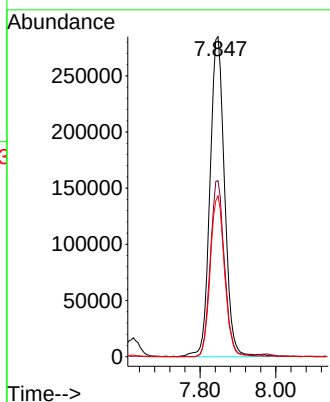
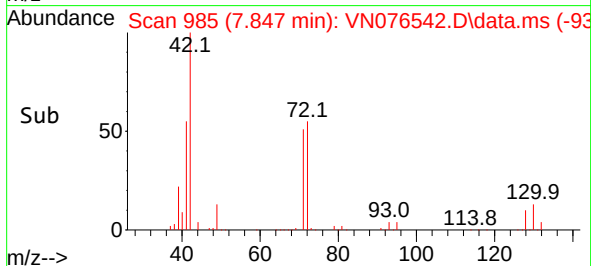
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



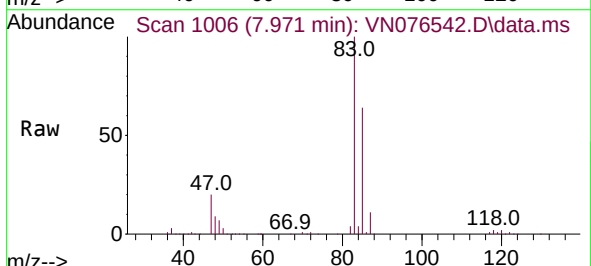
Tgt Ion: 42 Resp: 76266
Ion Ratio Lower Upper
42 100
72 53.3 43.4 65.2
71 49.4 39.4 59.2

Manual Integrations
APPROVED

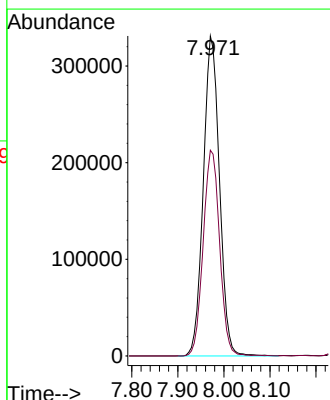
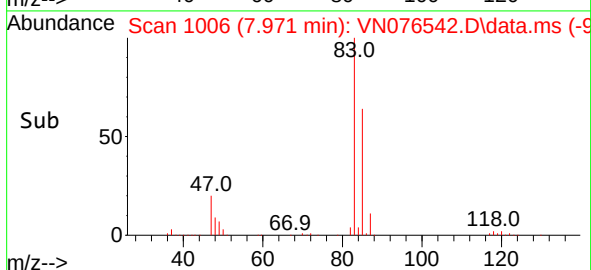
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

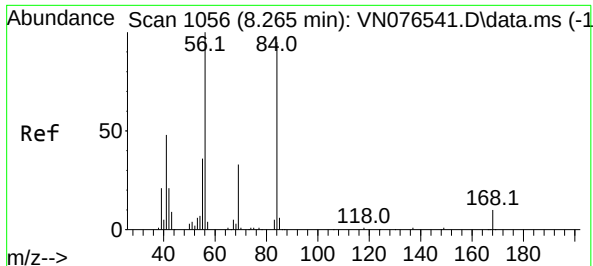


#30
Chloroform
Concen: 69.594 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.006 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22



Tgt Ion: 83 Resp: 811306
Ion Ratio Lower Upper
83 100
85 64.2 52.5 78.7





#31

Cyclohexane

Concen: 55.620 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN076542.D

Acq: 06 Feb 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 56 Resp: 70420

Ion Ratio Lower Upper

56 100

69 35.1 26.5 39.7

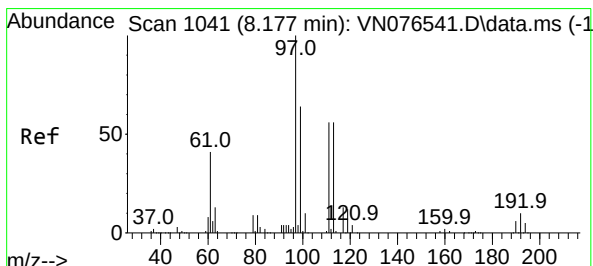
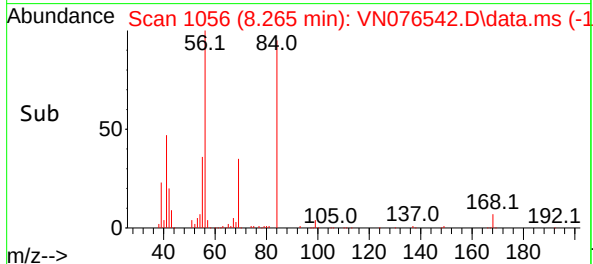
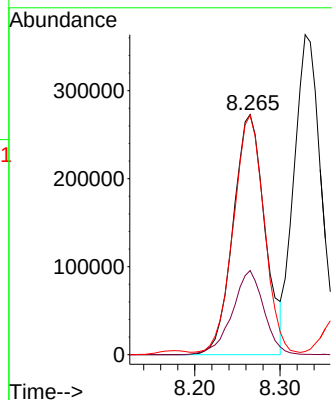
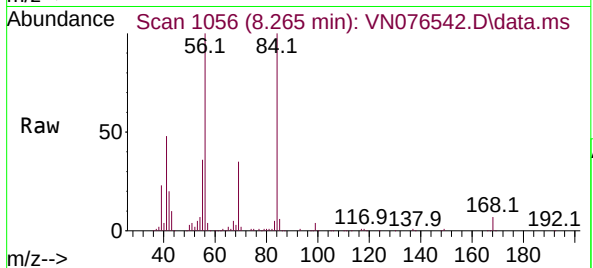
84 98.1 76.2 114.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#32

1,1,1-Trichloroethane

Concen: 71.629 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VN076542.D

Acq: 06 Feb 2023 14:22

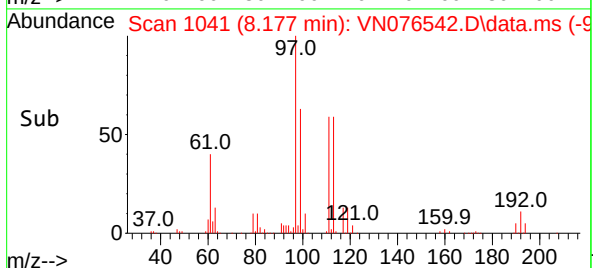
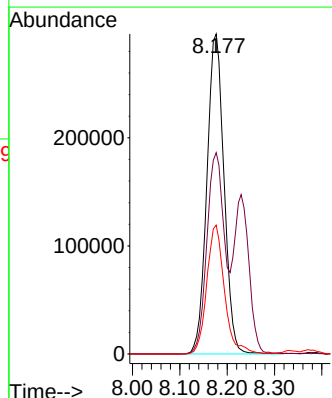
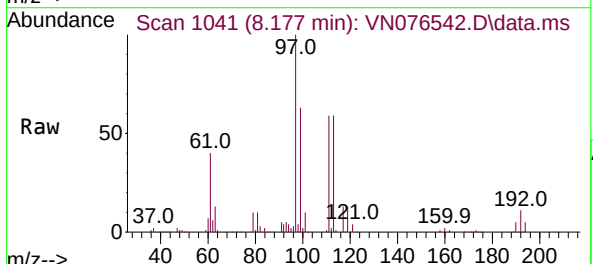
Tgt Ion: 97 Resp: 744440

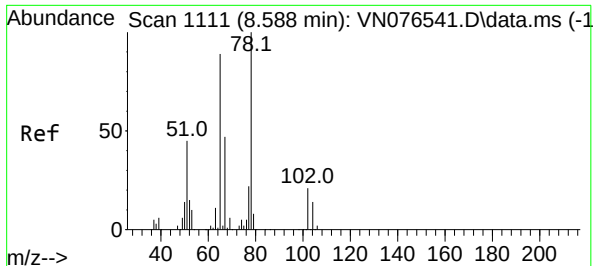
Ion Ratio Lower Upper

97 100

99 65.3 53.7 80.5

61 41.6 34.3 51.5





#33

1,2-Dichloroethane-d4

Concen: 49.653 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN076542.D

Acq: 06 Feb 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 65 Resp: 47686

Ion Ratio Lower Upper

65 100

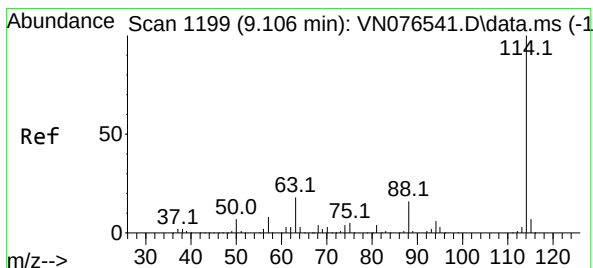
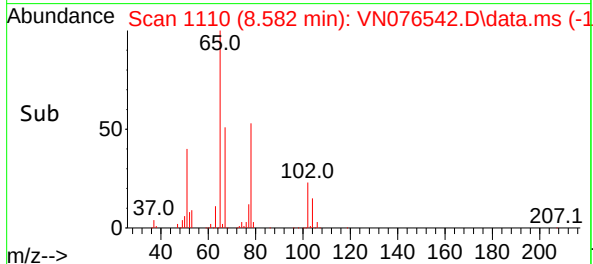
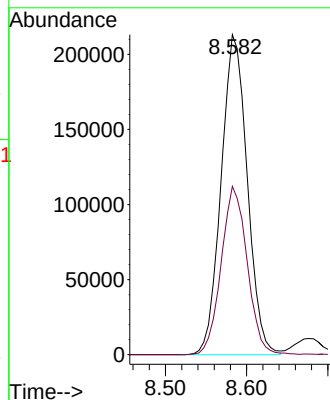
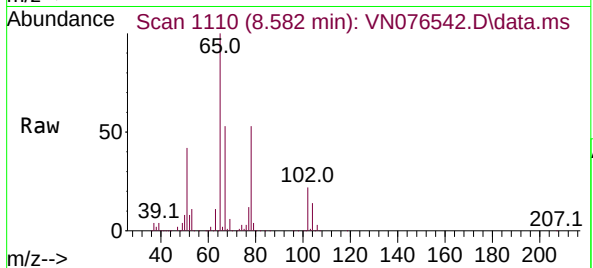
67 52.5 0.0 106.4

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: VN076542.D

Acq: 06 Feb 2023 14:22

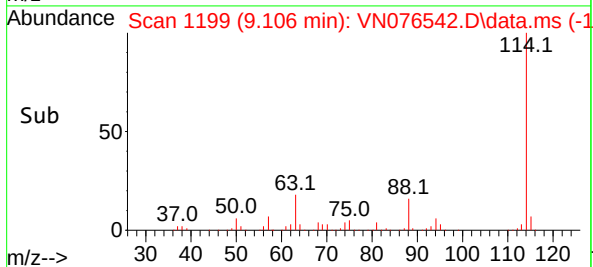
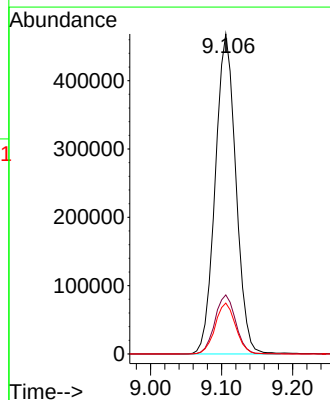
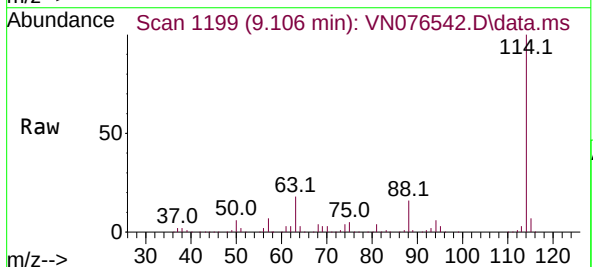
Tgt Ion:114 Resp: 942020

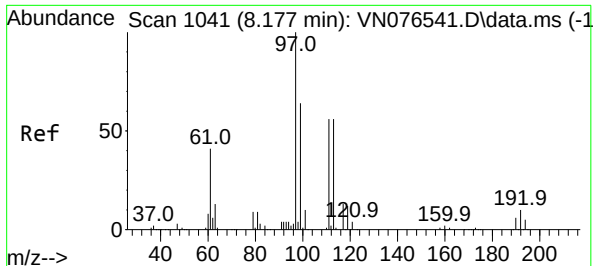
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

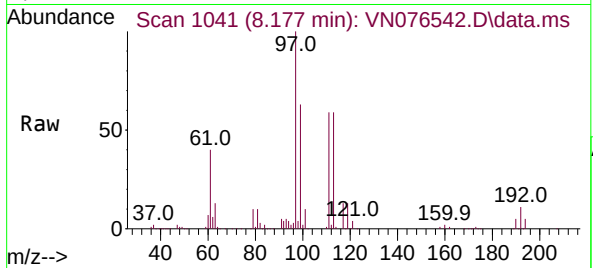
88 15.9 0.0 31.4





#35
Dibromofluoromethane
Concen: 51.995 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

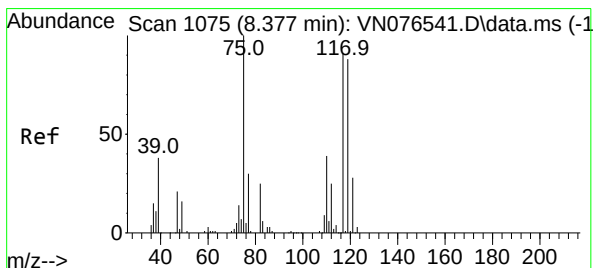
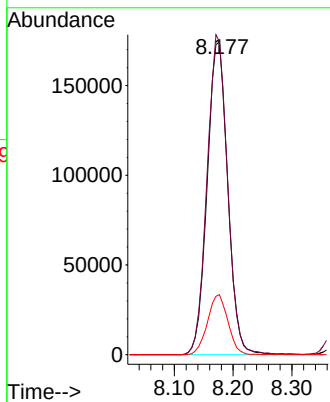
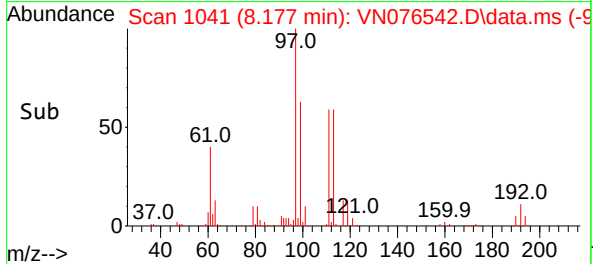
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 113 Resp: 423039
Ion Ratio Lower Upper
113 100
111 102.3 81.5 122.3
192 19.0 15.0 22.4

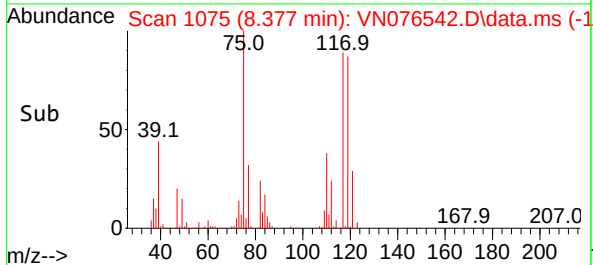
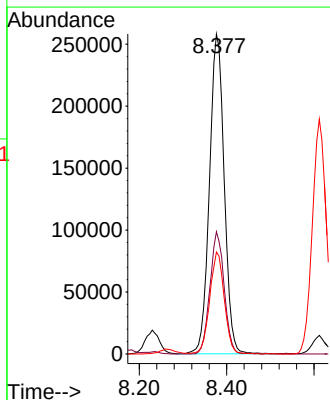
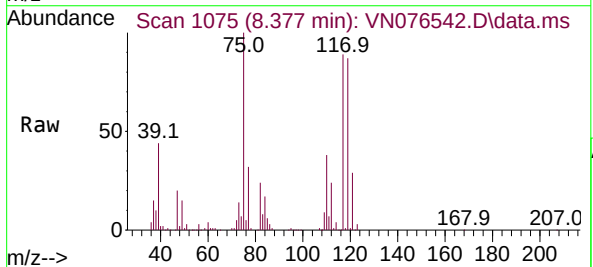
Manual Integrations
APPROVED

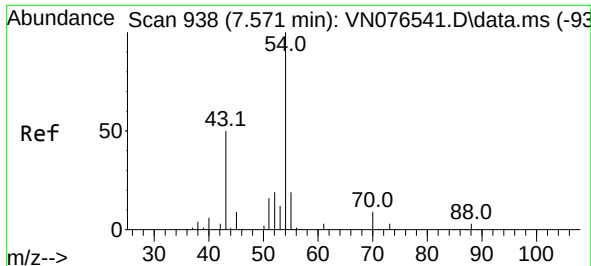
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#36
1,1-Dichloropropene
Concen: 72.574 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

Tgt Ion: 75 Resp: 604513
Ion Ratio Lower Upper
75 100
110 36.9 18.6 55.6
77 31.5 25.3 37.9





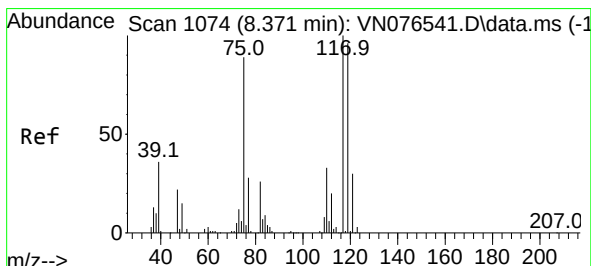
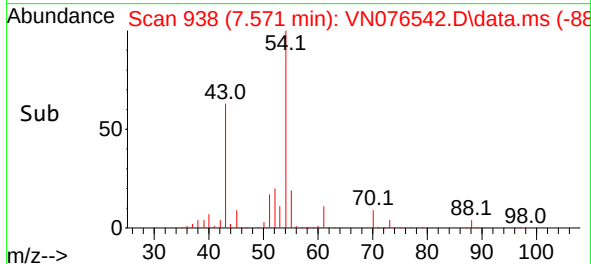
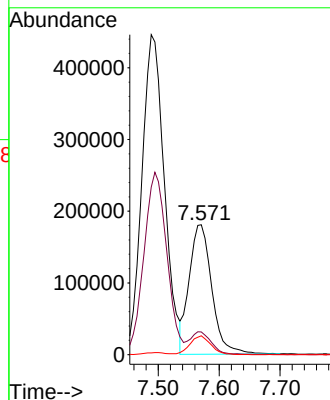
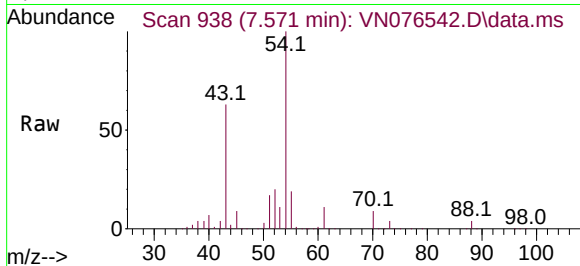
#37
Ethyl Acetate
Concen: 70.290 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 43 Resp: 467009
Ion Ratio Lower Upper
43 100
61 15.5 11.8 17.6
70 13.6 10.2 15.4

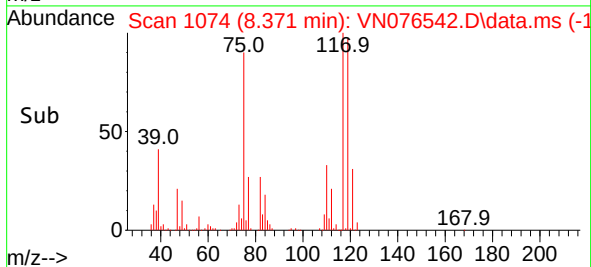
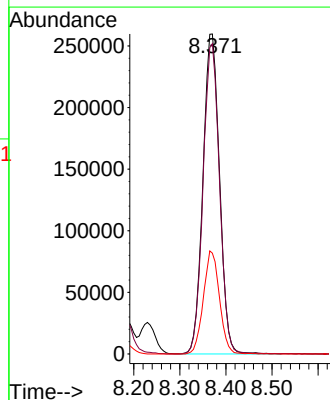
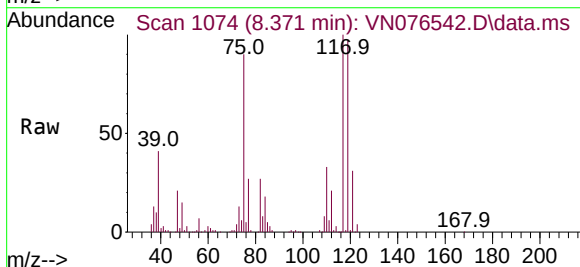
Manual Integrations
APPROVED

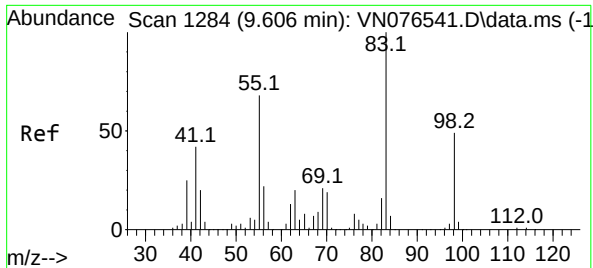
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#38
Carbon Tetrachloride
Concen: 71.923 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

Tgt Ion:117 Resp: 652753
Ion Ratio Lower Upper
117 100
119 97.0 76.5 114.7
121 31.5 24.2 36.4





#39

Methylcyclohexane

Concen: 77.628 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076542.D

Acq: 06 Feb 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 83 Resp: 78436

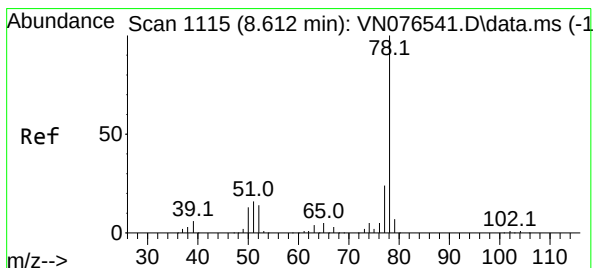
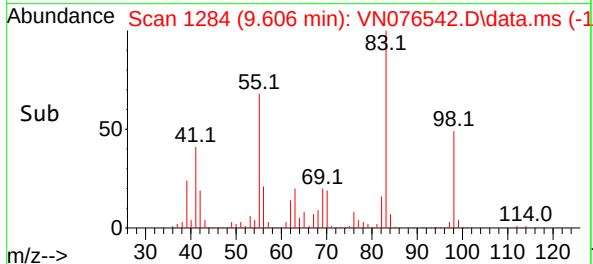
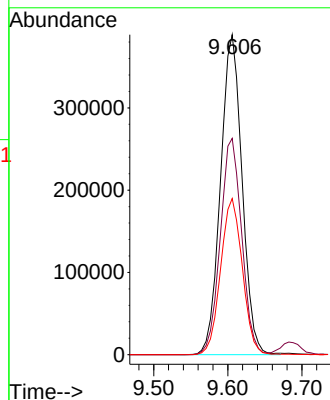
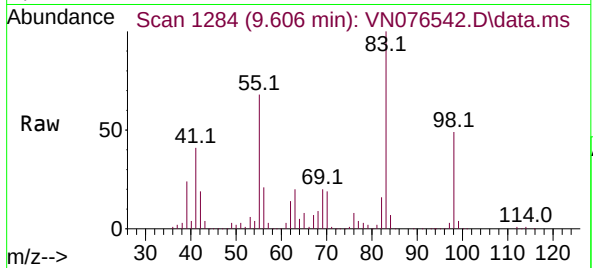
Ion	Ratio	Lower	Upper
83	100		
55	67.6	54.1	81.1
98	48.8	39.5	59.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#40

Benzene

Concen: 72.793 ug/l

RT: 8.612 min Scan# 1115

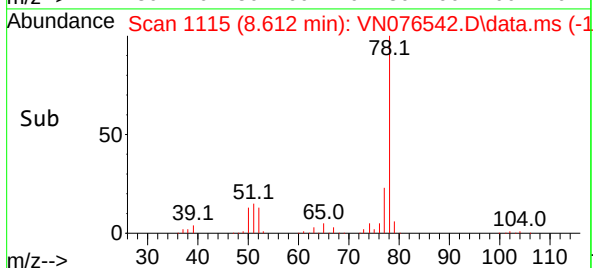
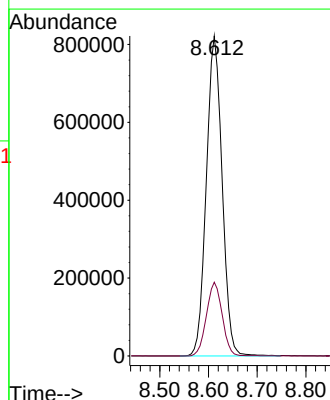
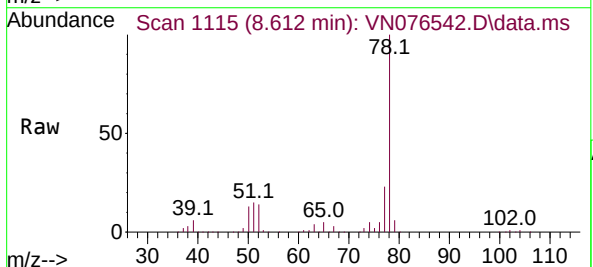
Delta R.T. 0.000 min

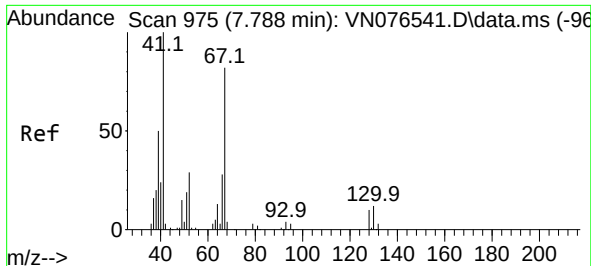
Lab File: VN076542.D

Acq: 06 Feb 2023 14:22

Tgt Ion: 78 Resp: 1845925

Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.6





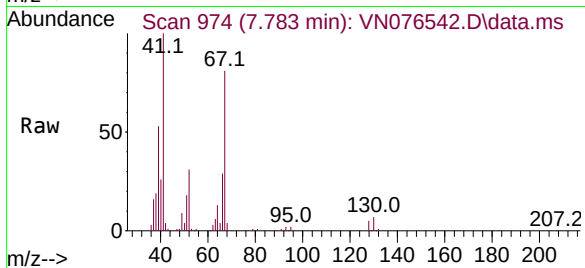
#41
Methacrylonitrile
Concen: 73.156 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075



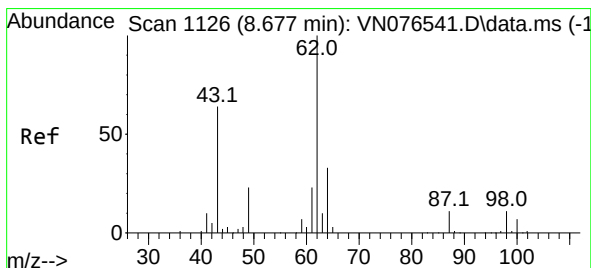
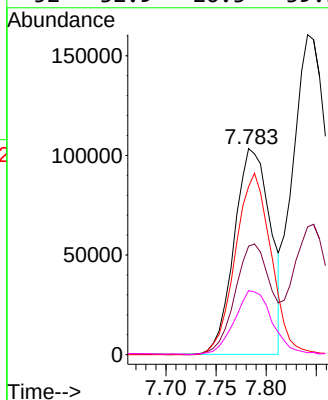
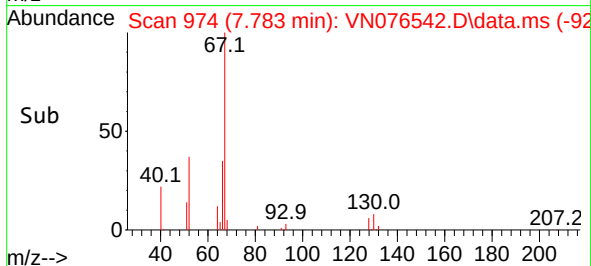
Tgt Ion: 41 Resp: 25957
Ion Ratio Lower Upper
41 100
39 53.0 45.0 67.4
67 87.8 70.0 105.0
52 32.9 26.3 39.5

Manual Integrations

APPROVED

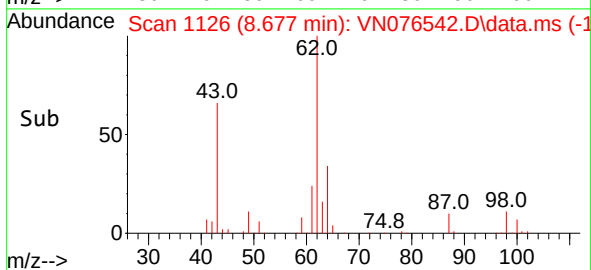
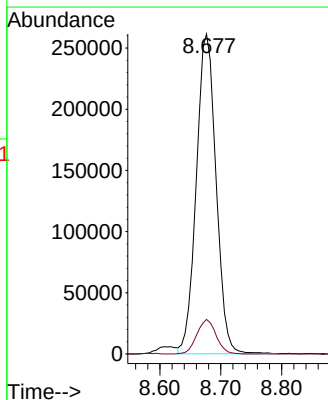
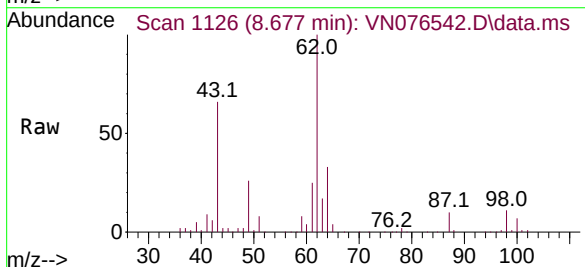
Reviewed By :John Carlone 02/07/2023

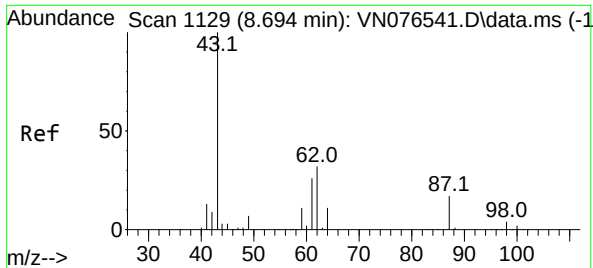
Supervised By :Mahesh Dadoda 02/07/2023



#42
1,2-Dichloroethane
Concen: 69.911 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

Tgt Ion: 62 Resp: 589154
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.0





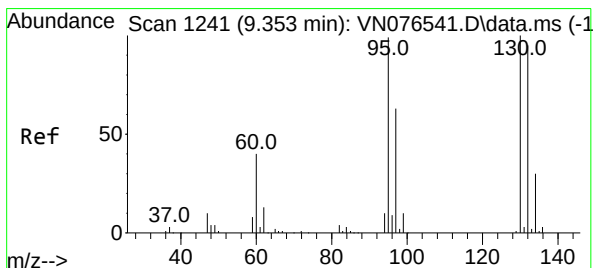
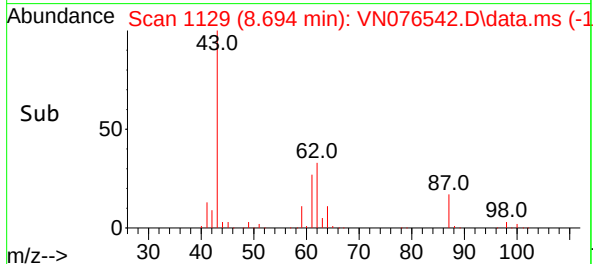
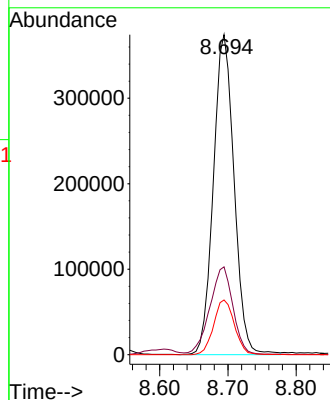
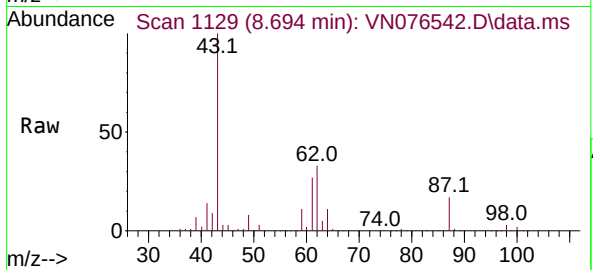
#43
Isopropyl Acetate
Concen: 73.385 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 43 Resp: 792915
Ion Ratio Lower Upper
43 100
61 30.7 24.6 36.8
87 17.1 13.3 19.9

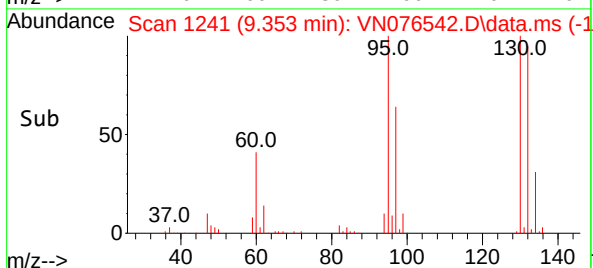
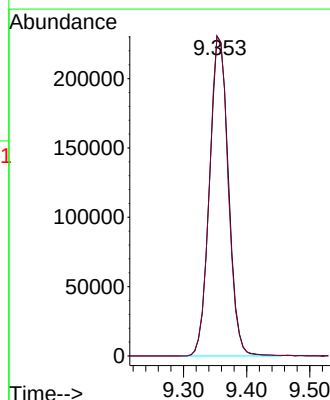
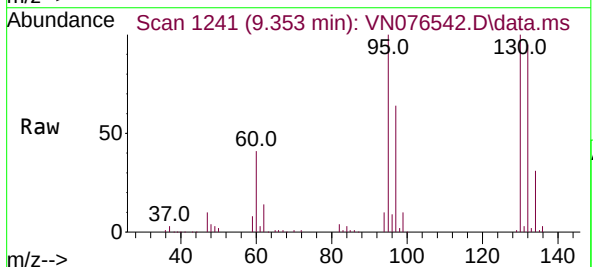
Manual Integrations
APPROVED

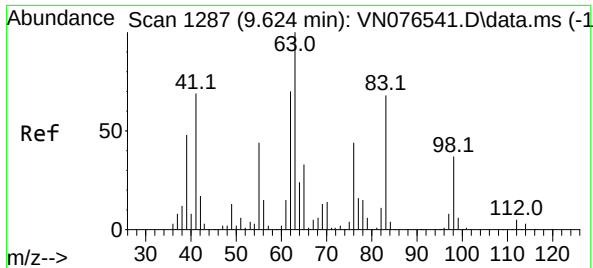
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#44
Trichloroethene
Concen: 70.590 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

Tgt Ion:130 Resp: 478582
Ion Ratio Lower Upper
130 100
95 99.9 0.0 197.6





#45

1,2-Dichloropropane

Concen: 71.883 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN076542.D

Acq: 06 Feb 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 63 Resp: 44223

Ion Ratio Lower Upper

63 100

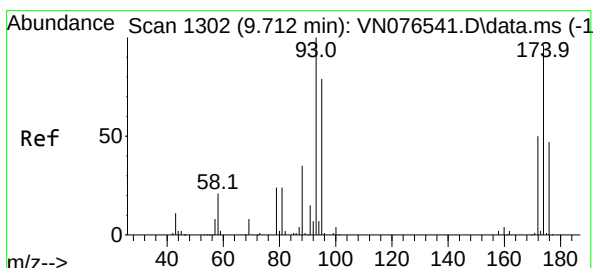
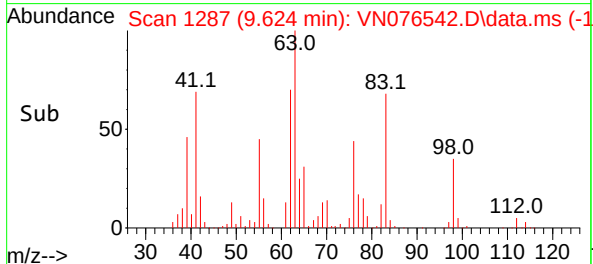
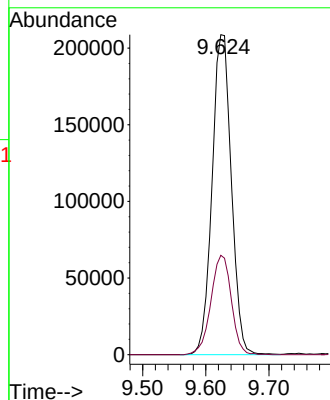
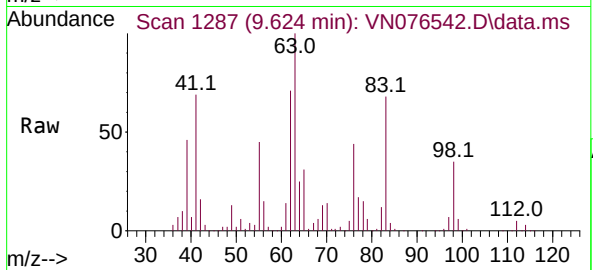
65 31.1 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#46

Dibromomethane

Concen: 70.603 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076542.D

Acq: 06 Feb 2023 14:22

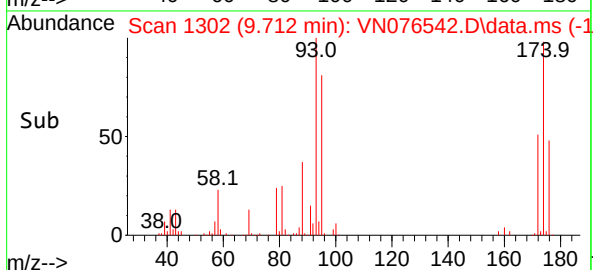
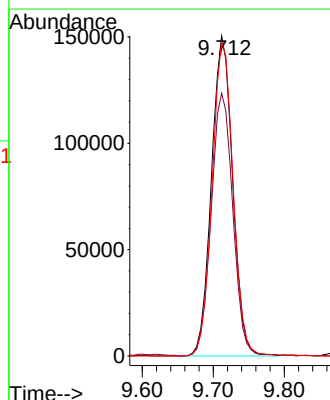
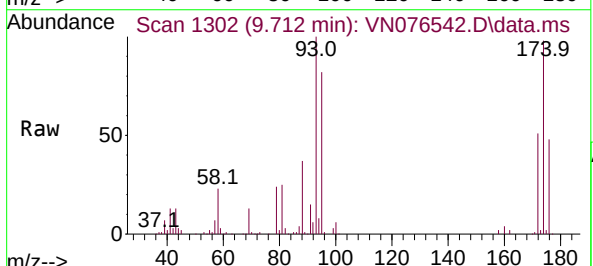
Tgt Ion: 93 Resp: 311495

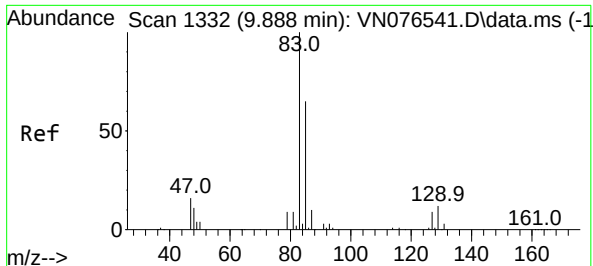
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.2

174 97.3 78.4 117.6





#47

Bromodichloromethane

Concen: 73.184 ug/l

RT: 9.894 min Scan# 1333

Delta R.T. 0.006 min

Lab File: VN076542.D

Acq: 06 Feb 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 83 Resp: 64614

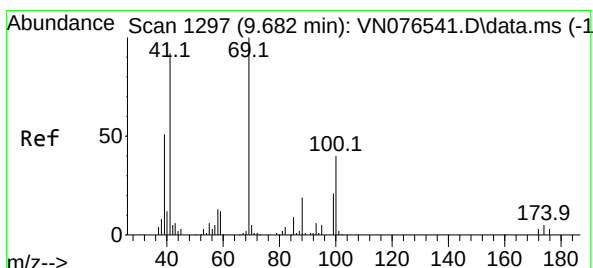
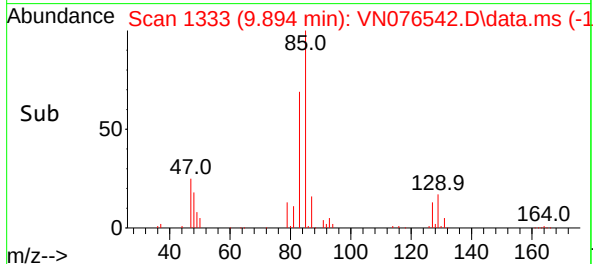
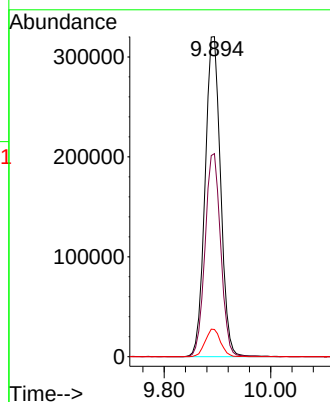
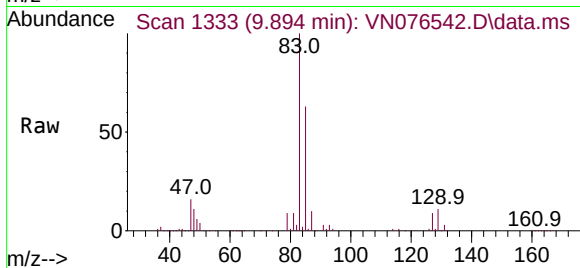
Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.0	78.0
127	8.5	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#48

Methyl methacrylate

Concen: 75.391 ug/l

RT: 9.682 min Scan# 1297

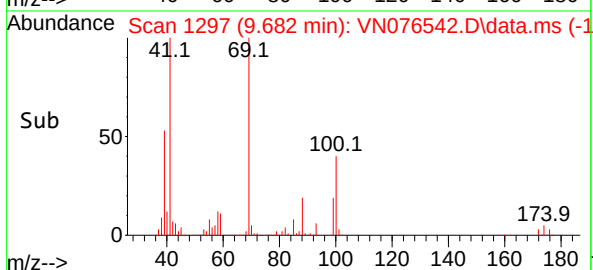
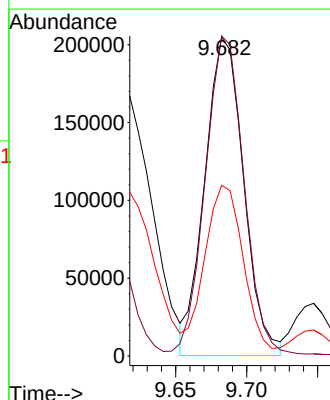
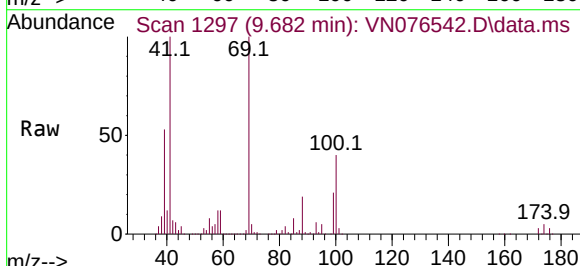
Delta R.T. 0.000 min

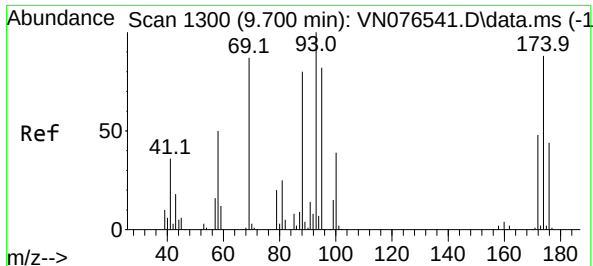
Lab File: VN076542.D

Acq: 06 Feb 2023 14:22

Tgt Ion: 41 Resp: 389096

Ion	Ratio	Lower	Upper
41	100		
69	101.5	82.0	123.0
39	53.9	45.0	67.4





#49

1,4-Dioxane

Concen: 1457.730 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076542.D

Acq: 06 Feb 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 88 Resp: 17722

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

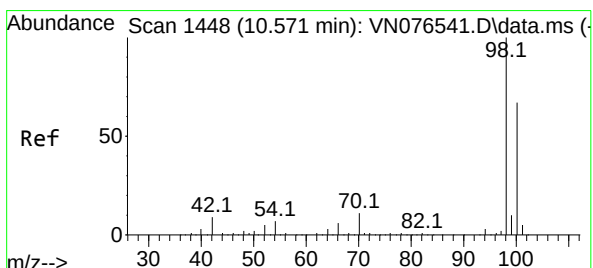
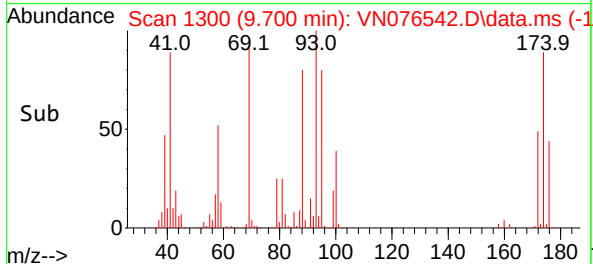
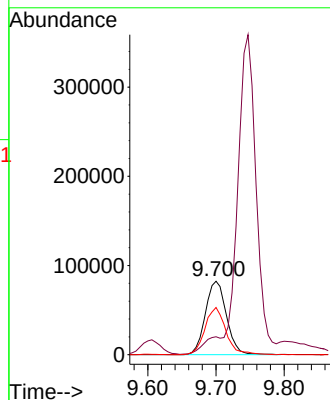
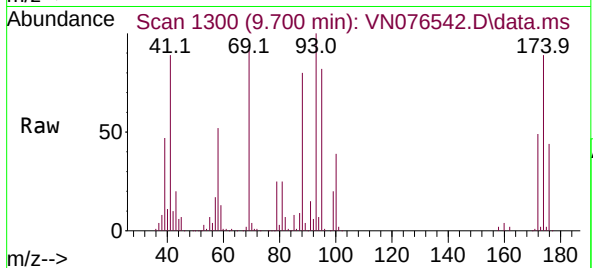
58 64.0 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#50

Toluene-d8

Concen: 57.380 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076542.D

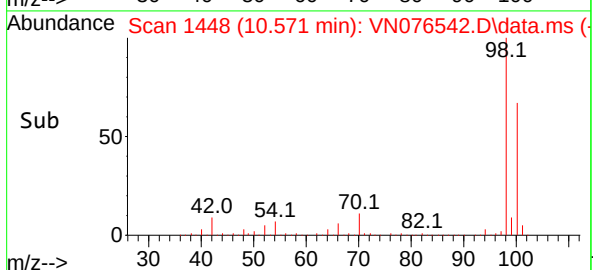
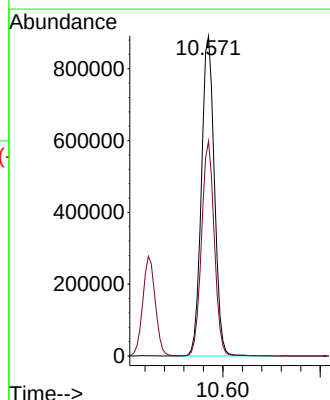
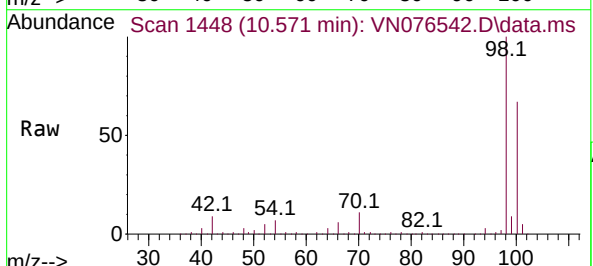
Acq: 06 Feb 2023 14:22

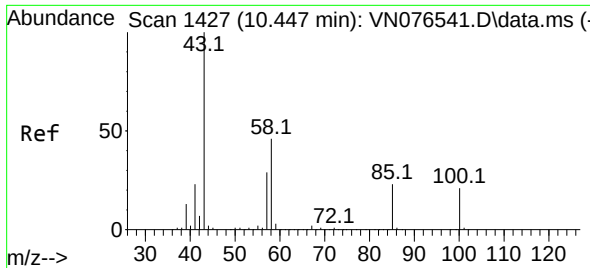
Tgt Ion: 98 Resp: 1648848

Ion Ratio Lower Upper

98 100

100 66.5 52.7 79.1





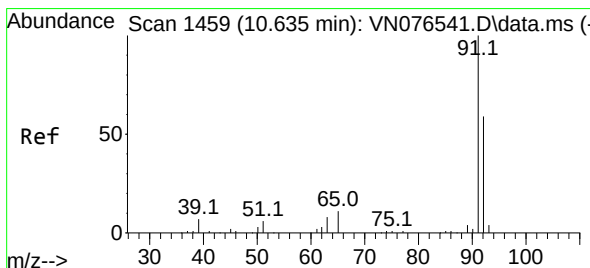
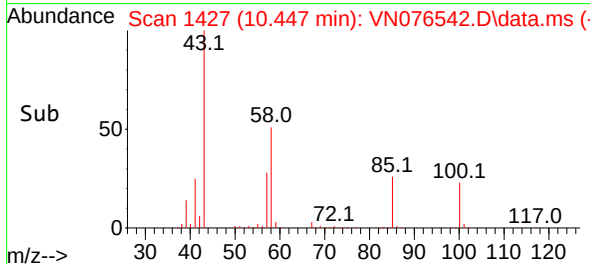
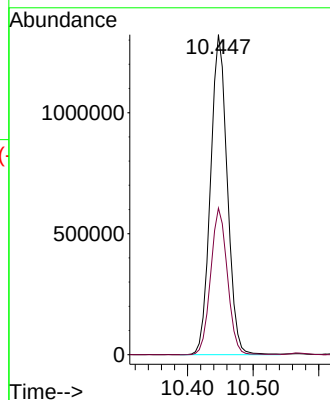
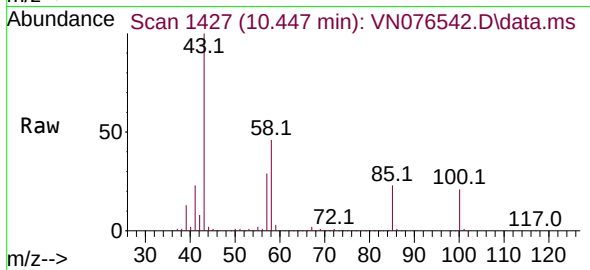
#51
4-Methyl-2-Pentanone
Concen: 362.211 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 43 Resp: 2345500
Ion Ratio Lower Upper
43 100
58 45.7 36.4 54.6

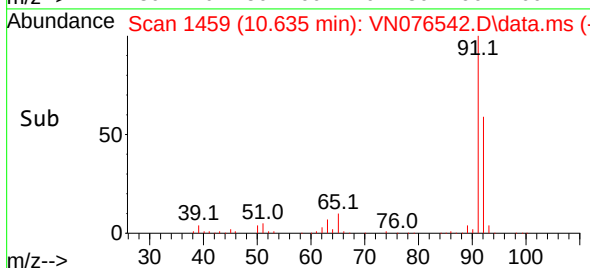
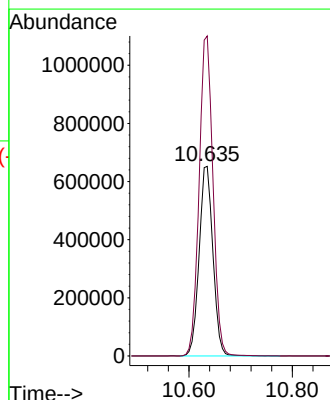
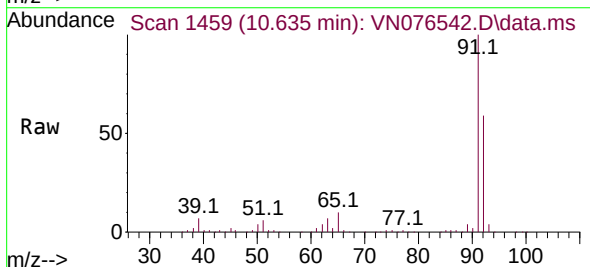
Manual Integrations
APPROVED

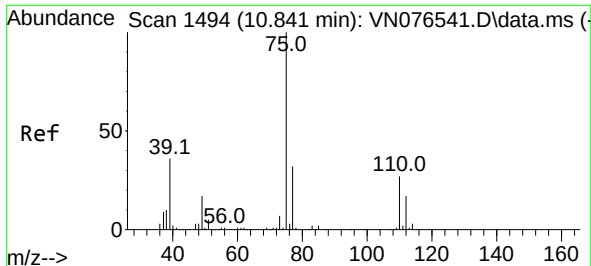
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#52
Toluene
Concen: 74.577 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

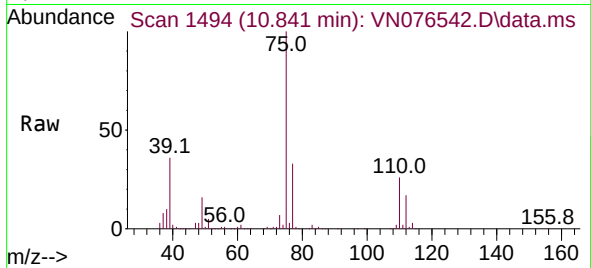
Tgt Ion: 92 Resp: 1206998
Ion Ratio Lower Upper
92 100
91 169.5 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 79.139 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

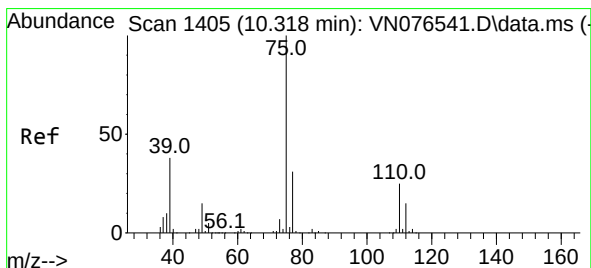
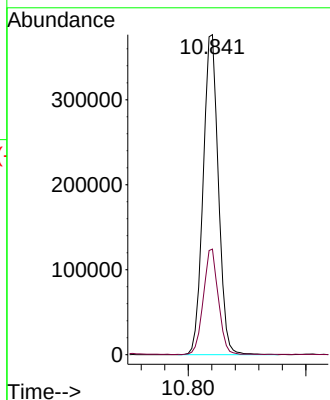
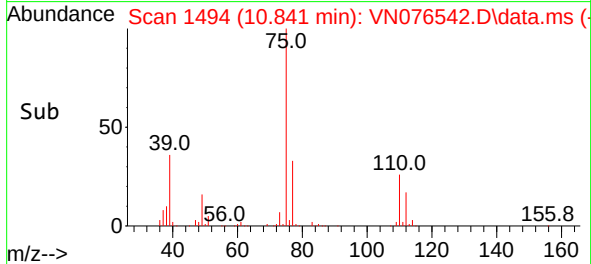
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



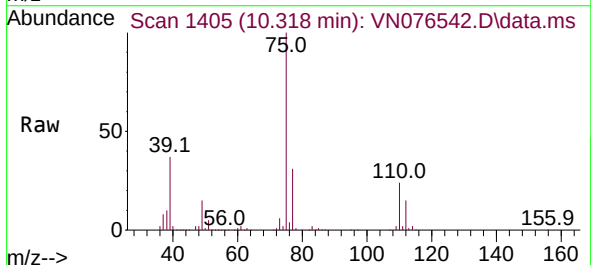
Tgt Ion: 75 Resp: 676280
Ion Ratio Lower Upper
75 100
77 32.9 25.6 38.4

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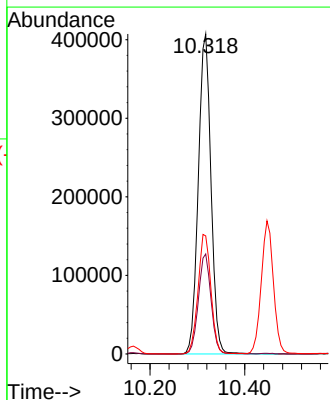
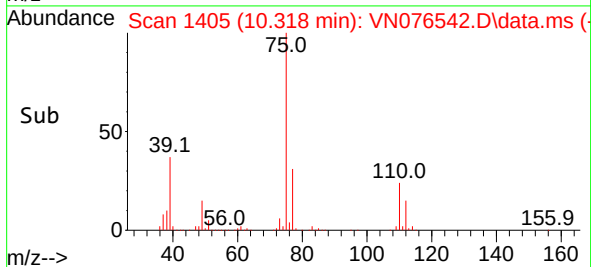
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

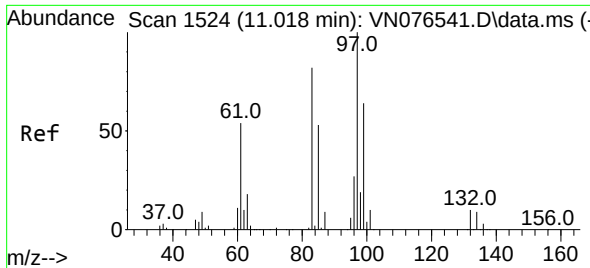


#54
cis-1,3-Dichloropropene
Concen: 78.229 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22



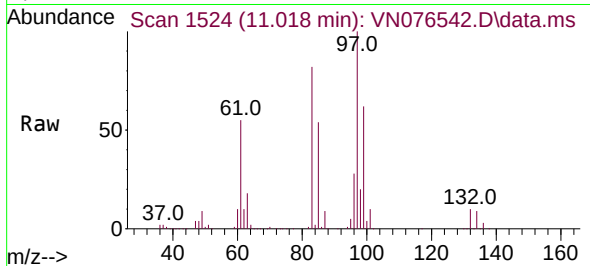
Tgt Ion: 75 Resp: 754247
Ion Ratio Lower Upper
75 100
77 31.2 25.1 37.7
39 36.9 30.6 45.8





#55
1,1,2-Trichloroethane
Concen: 72.172 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

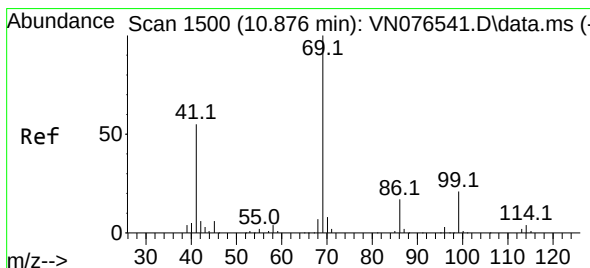
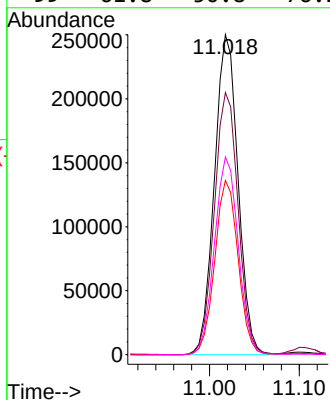
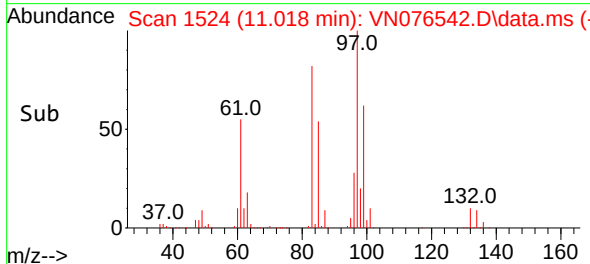
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



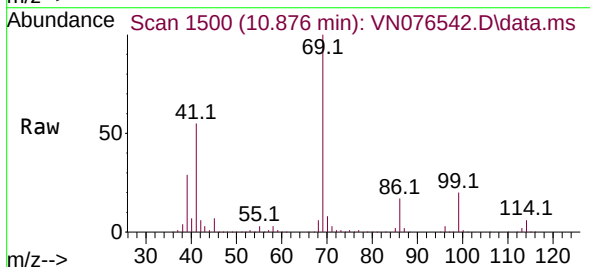
Tgt Ion: 97 Resp: 45720
Ion Ratio Lower Upper
97 100
83 81.9 65.8 98.6
85 54.5 42.3 63.5
99 61.8 50.8 76.2

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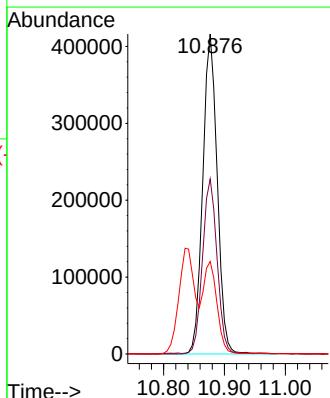
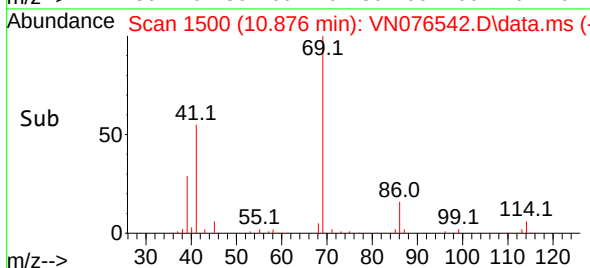
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

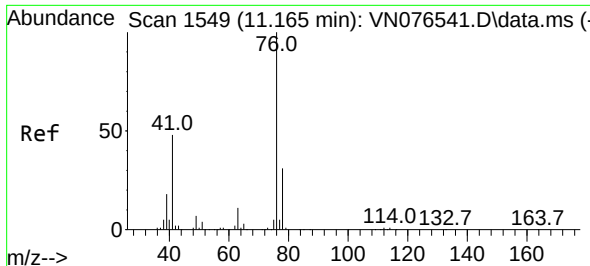


#56
Ethyl methacrylate
Concen: 80.735 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22



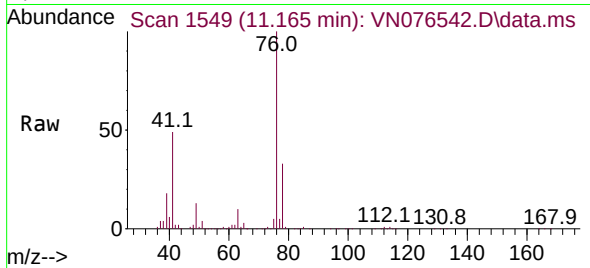
Tgt Ion: 69 Resp: 686504
Ion Ratio Lower Upper
69 100
41 54.7 43.8 65.6
39 26.9 21.4 32.2





#57
1,3-Dichloropropane
Concen: 72.034 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

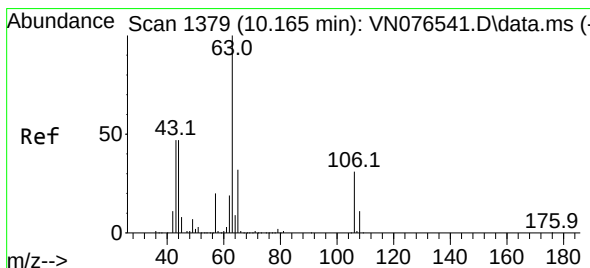
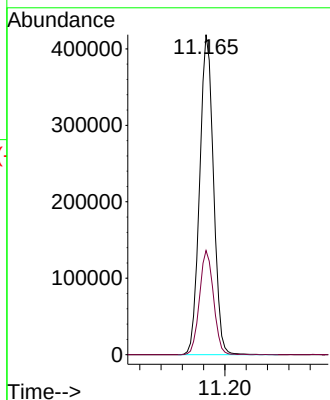
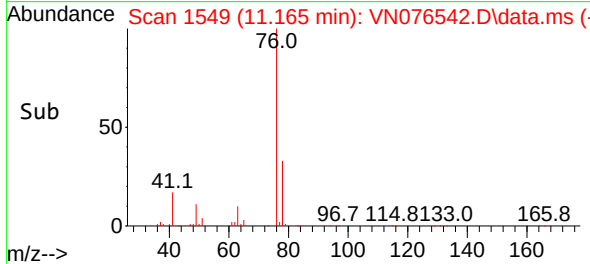
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 76 Resp: 75315
Ion Ratio Lower Upper
76 100
78 32.9 26.2 39.2

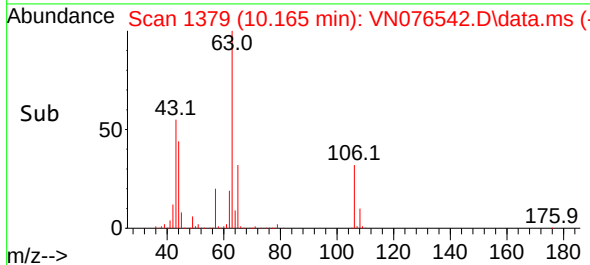
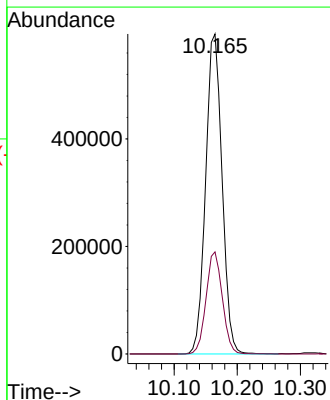
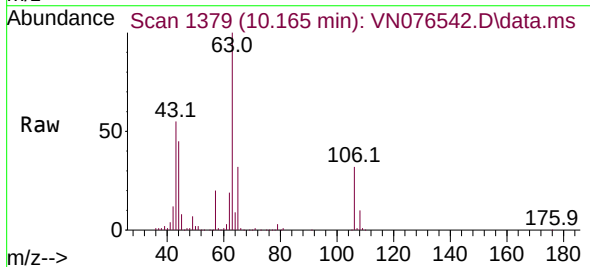
Manual Integrations
APPROVED

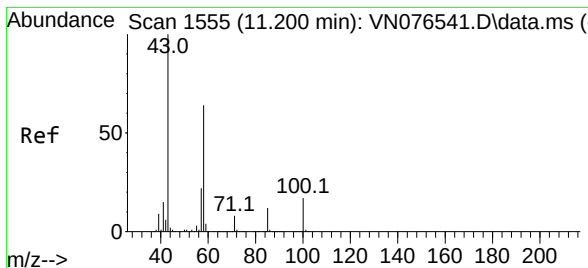
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#58
2-Chloroethyl Vinyl ether
Concen: 366.420 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

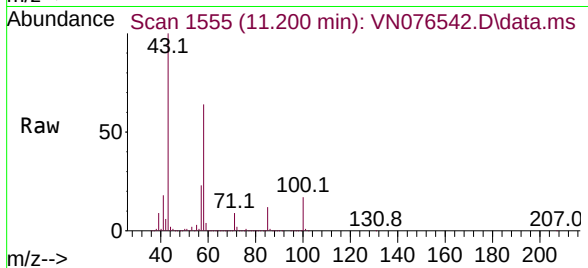
Tgt Ion: 63 Resp: 1075702
Ion Ratio Lower Upper
63 100
106 31.6 25.0 37.6





#59
2-Hexanone
Concen: 362.317 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

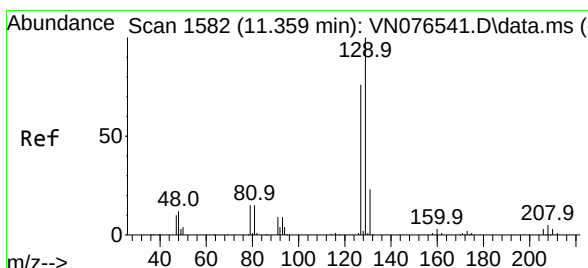
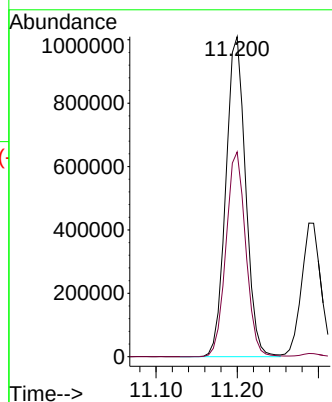
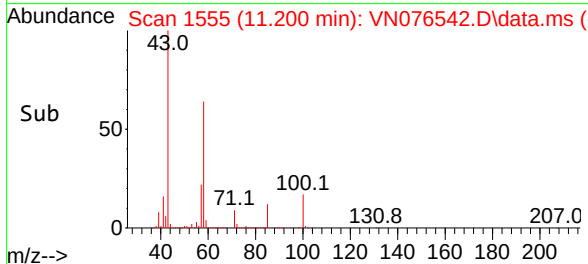
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 43 Resp: 170456
Ion Ratio Lower Upper
43 100
58 64.0 31.9 95.7

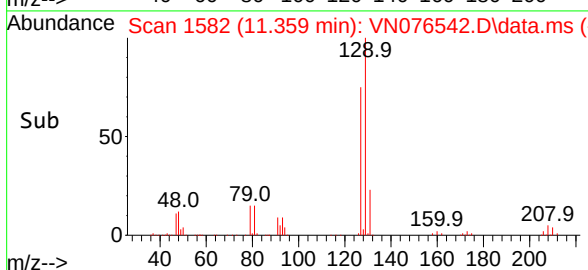
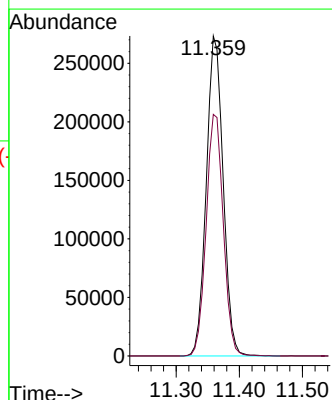
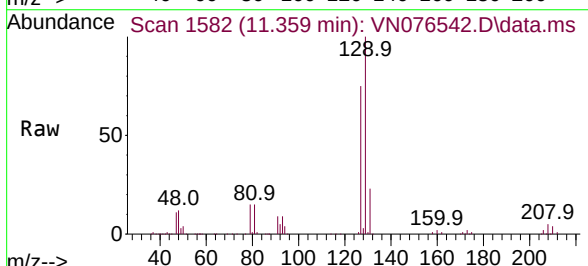
Manual Integrations
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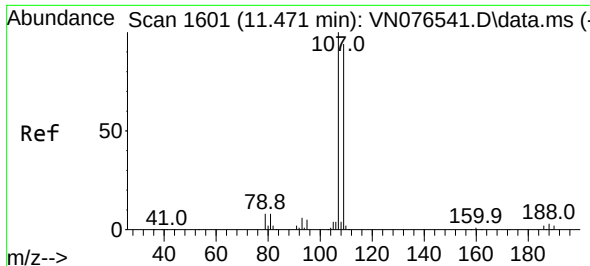
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#60
Dibromochloromethane
Concen: 75.156 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

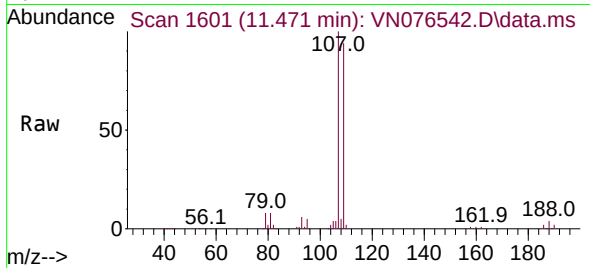
Tgt Ion:129 Resp: 505931
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61
1,2-Dibromoethane
Concen: 73.881 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

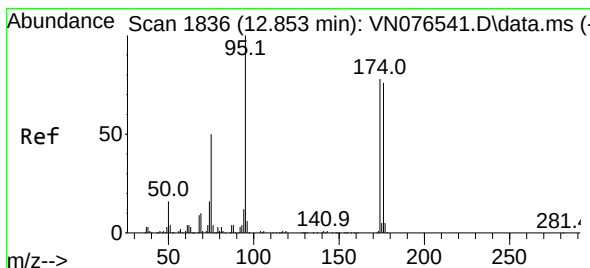
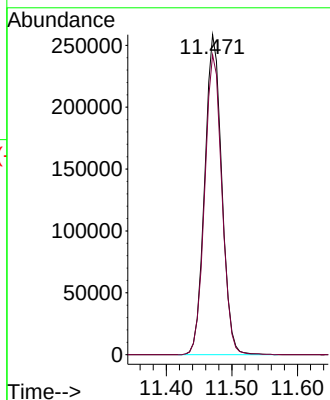
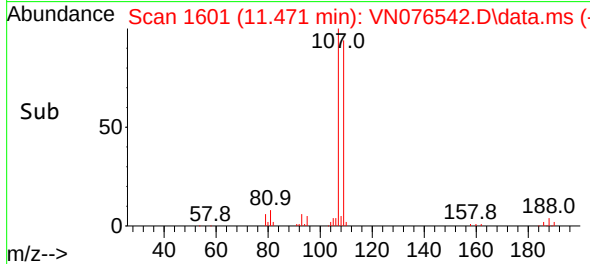
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



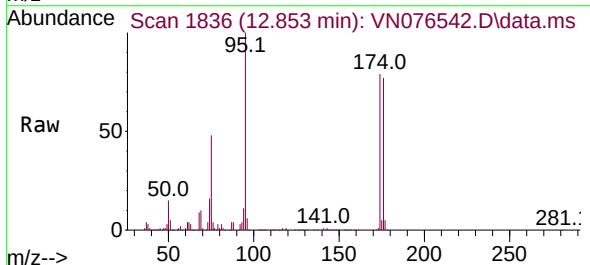
Tgt Ion:107 Resp: 467530
Ion Ratio Lower Upper
107 100
109 94.8 74.9 112.3

Manual Integrations
APPROVED

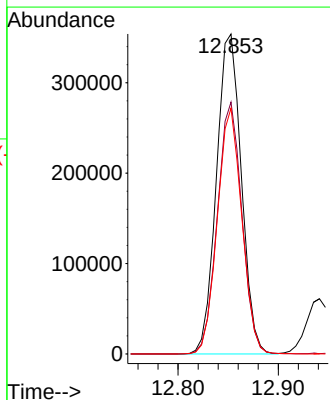
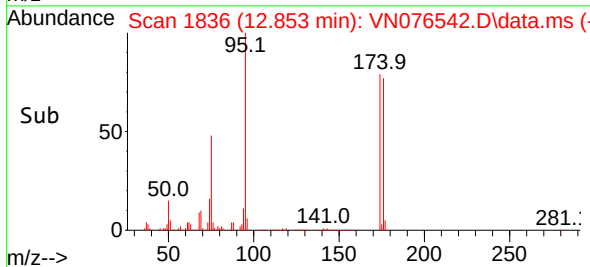
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

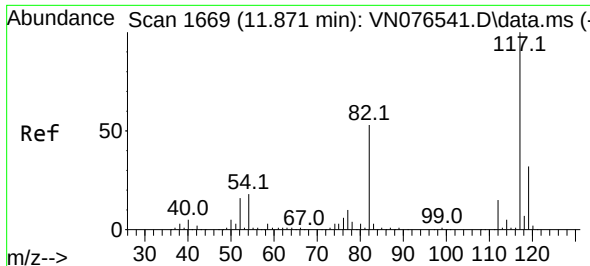


#62
4-Bromofluorobenzene
Concen: 64.704 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22



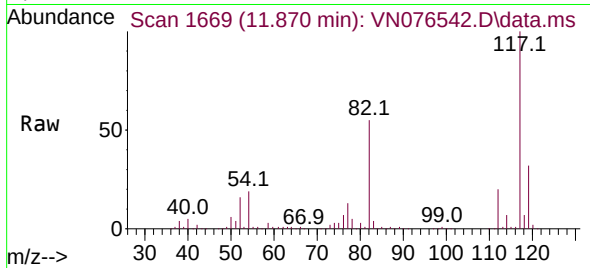
Tgt Ion: 95 Resp: 610231
Ion Ratio Lower Upper
95 100
174 77.5 0.0 153.4
176 75.4 0.0 149.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

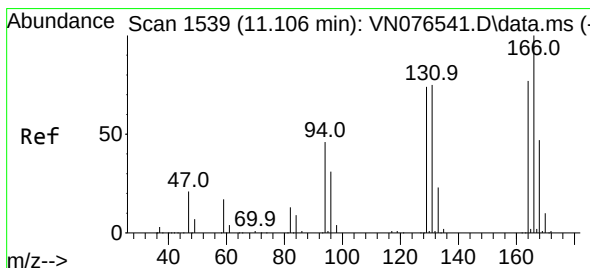
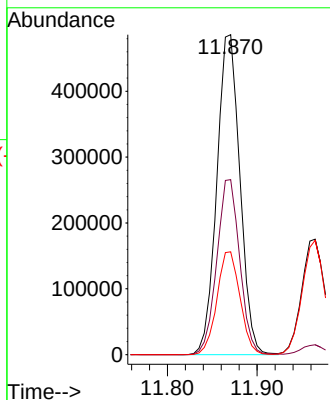
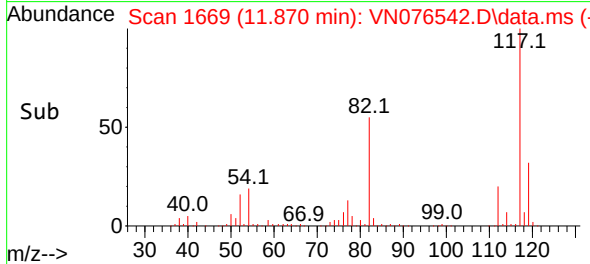
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:117 Resp: 87030
Ion Ratio Lower Upper
117 100
82 54.7 42.4 63.6
119 32.2 25.8 38.8

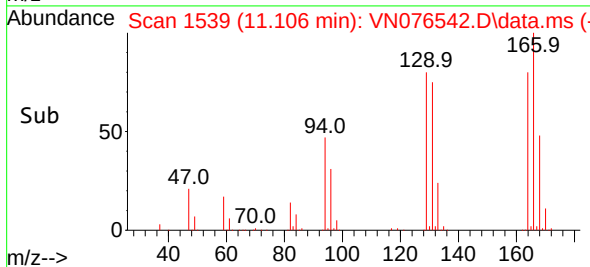
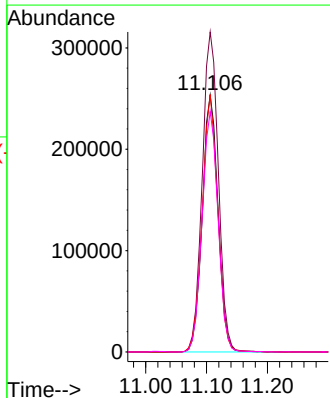
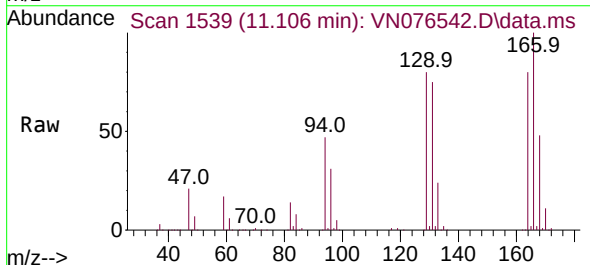
Manual Integrations
APPROVED

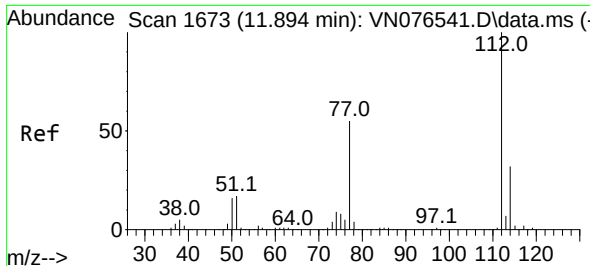
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#64
Tetrachloroethene
Concen: 62.025 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

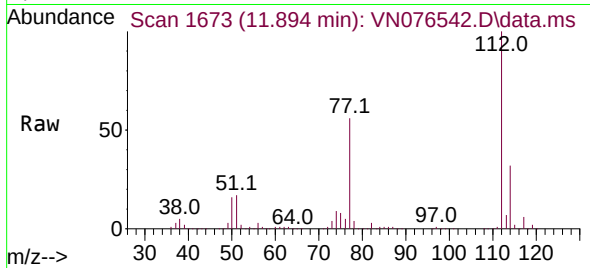
Tgt Ion:164 Resp: 455681
Ion Ratio Lower Upper
164 100
166 124.6 104.3 156.5
129 100.3 77.7 116.5
131 93.6 78.2 117.2





#65
Chlorobenzene
Concen: 70.203 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

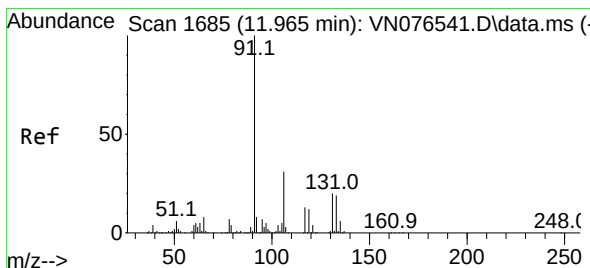
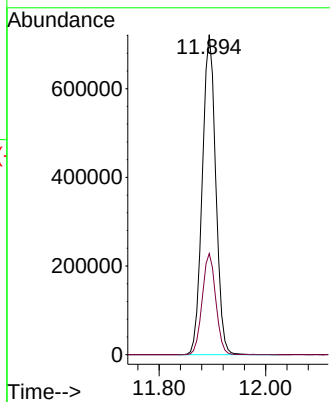
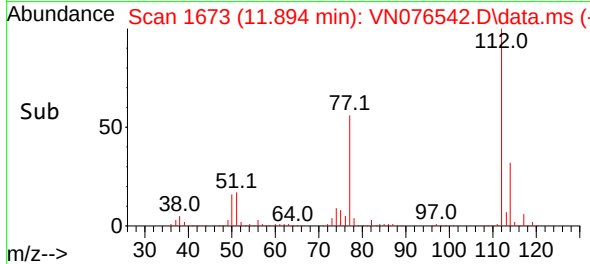
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



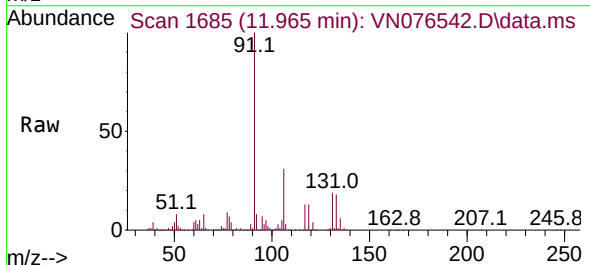
Tgt Ion:112 Resp: 126349
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8

Manual Integrations
APPROVED

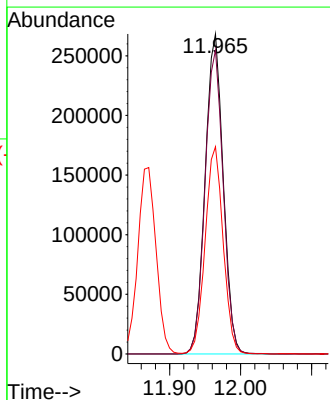
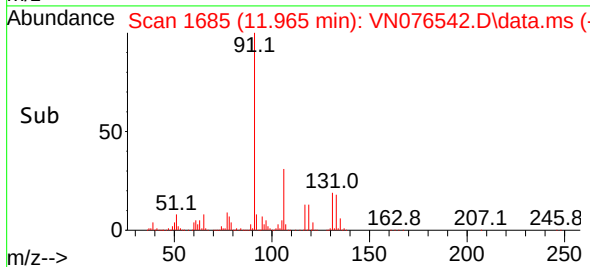
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

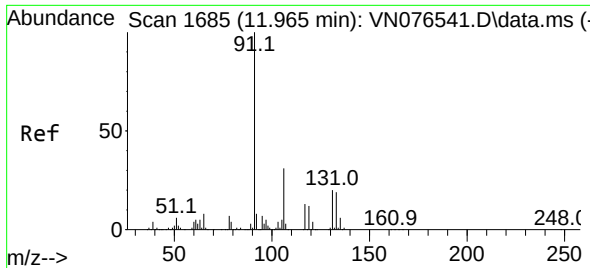


#66
1,1,1,2-Tetrachloroethane
Concen: 71.923 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22



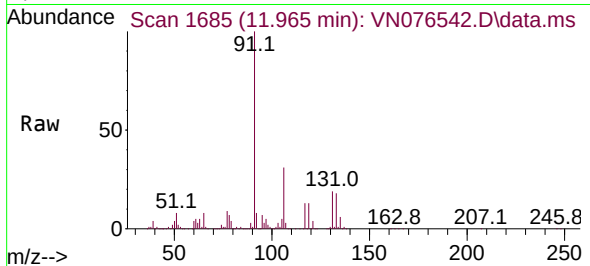
Tgt Ion:131 Resp: 474384
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 64.6 31.6 94.7





#67
Ethyl Benzene
Concen: 74.158 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

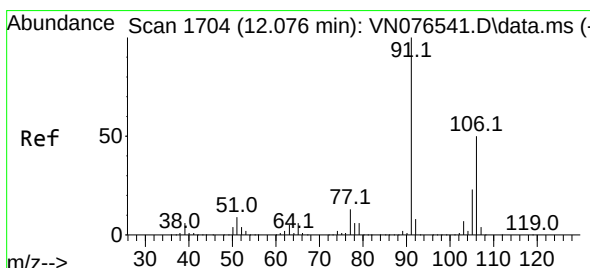
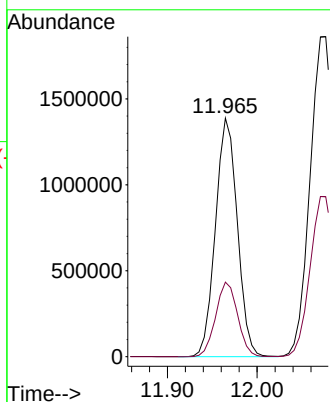
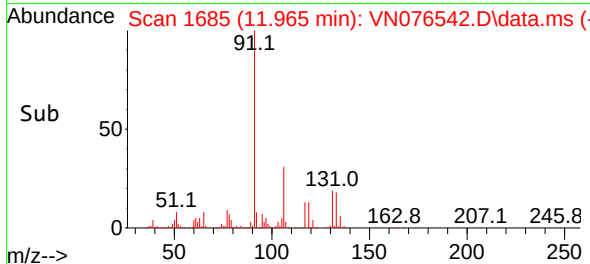
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



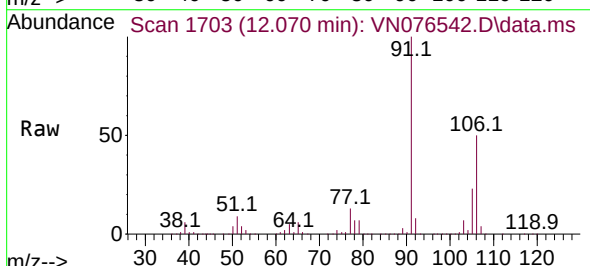
Tgt Ion: 91 Resp: 234946
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6

Manual Integrations
APPROVED

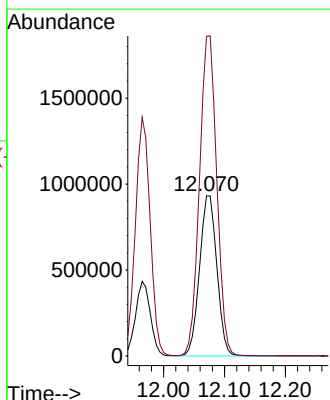
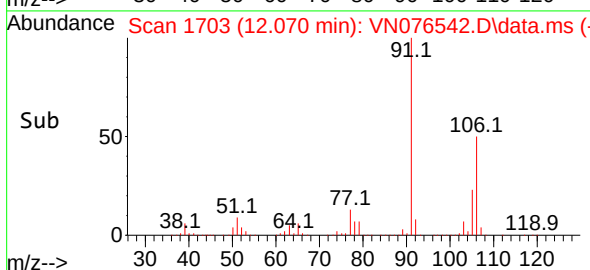
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

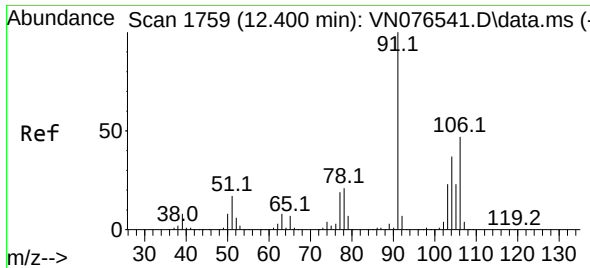


#68
m/p-Xylenes
Concen: 149.855 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22



Tgt Ion:106 Resp: 1841235
Ion Ratio Lower Upper
106 100
91 199.8 160.2 240.4





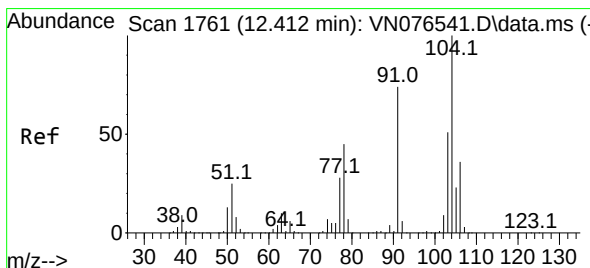
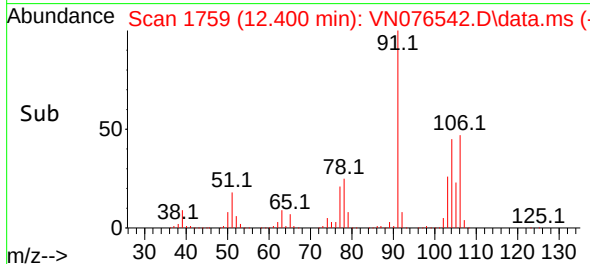
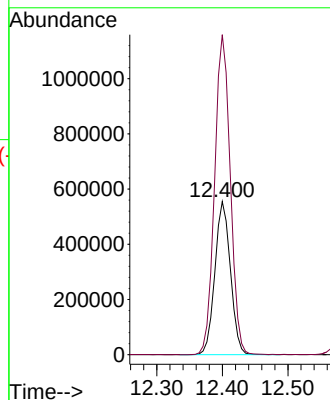
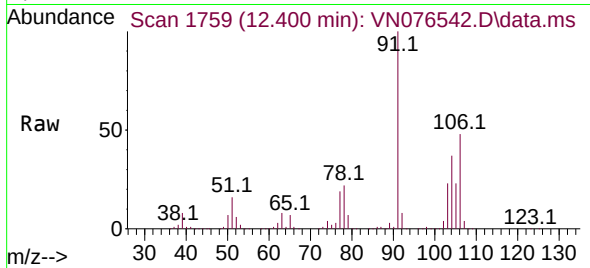
#69
o-Xylene
Concen: 75.445 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:106 Resp: 911020
Ion Ratio Lower Upper
106 100
91 211.2 105.7 317.0

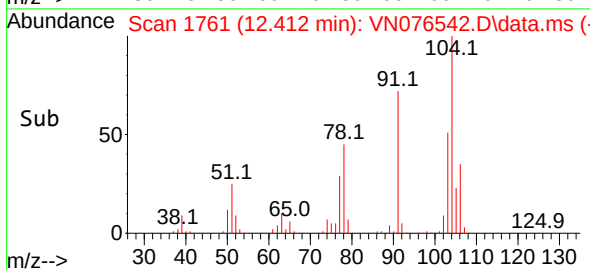
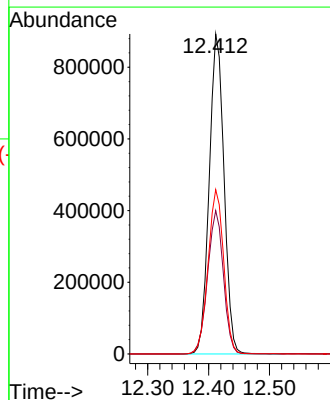
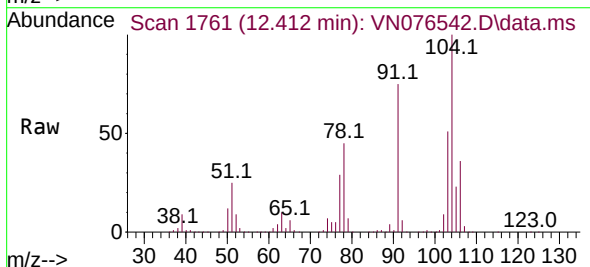
Manual Integrations
APPROVED

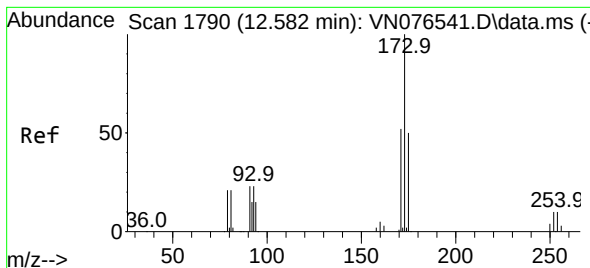
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#70
Styrene
Concen: 78.560 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

Tgt Ion:104 Resp: 1508730
Ion Ratio Lower Upper
104 100
78 47.7 38.6 58.0
103 54.3 43.6 65.4





#71

Bromoform

Concen: 76.445 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN076542.D

Acq: 06 Feb 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:173 Resp: 35980

Ion Ratio Lower Upper

173 100

175 48.6 24.6 74.0

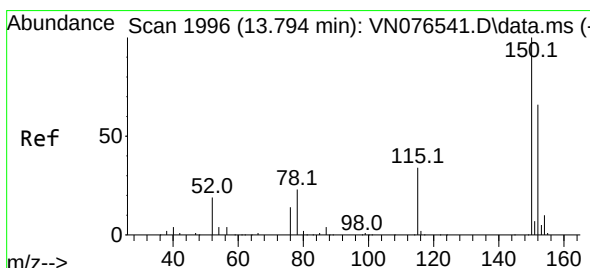
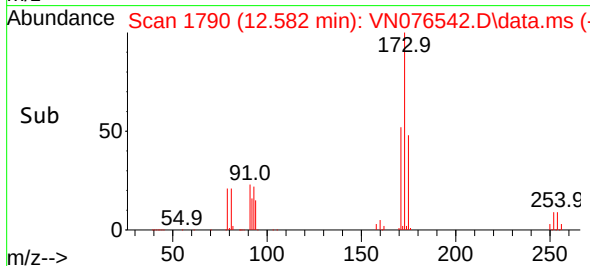
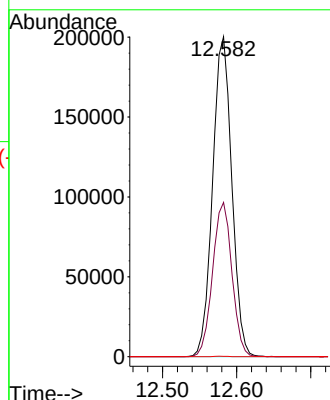
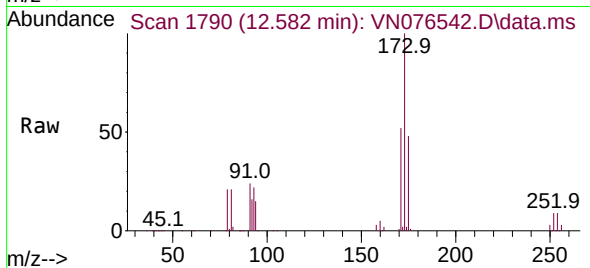
254 0.1 0.0 0.0

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: VN076542.D

Acq: 06 Feb 2023 14:22

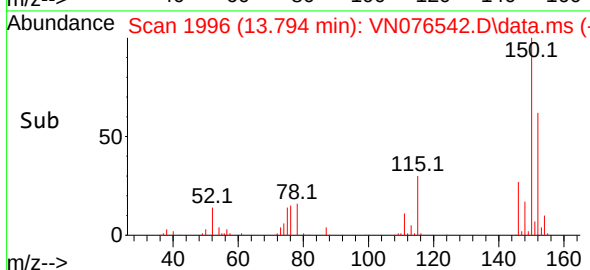
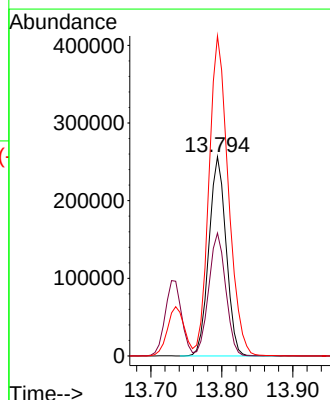
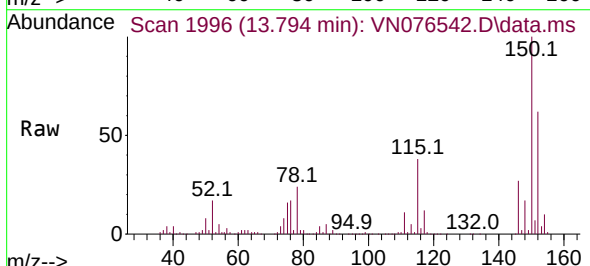
Tgt Ion:152 Resp: 431449

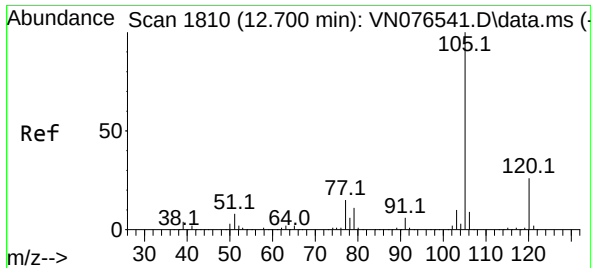
Ion Ratio Lower Upper

152 100

115 61.0 30.5 91.5

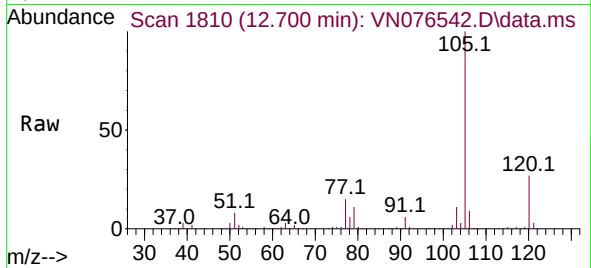
150 180.5 0.0 352.0





#73
Isopropylbenzene
Concen: 69.494 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

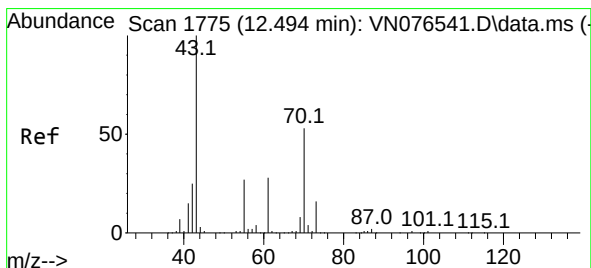
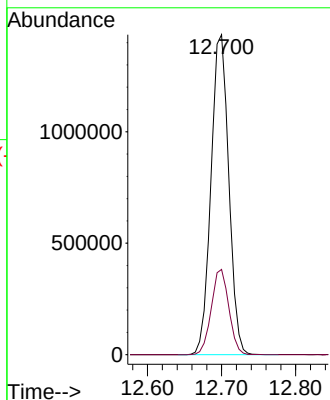
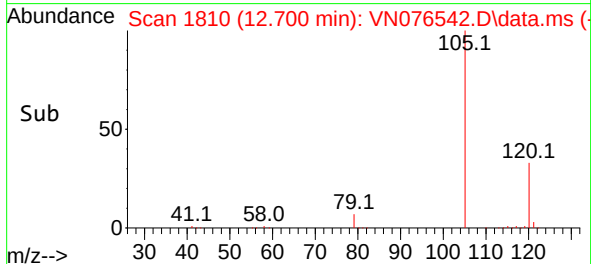
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



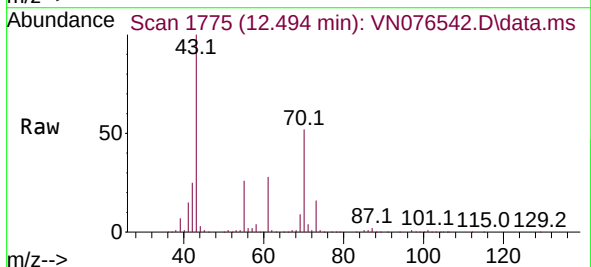
Tgt Ion:105 Resp: 2389908
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0

Manual Integrations
APPROVED

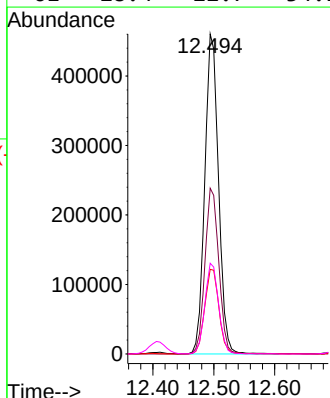
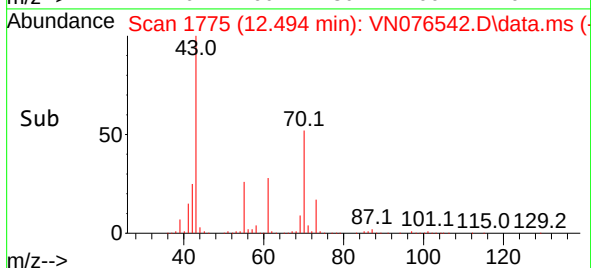
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

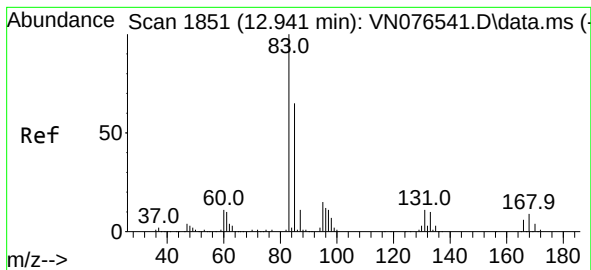


#74
N-ethyl acetate
Concen: 72.017 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22



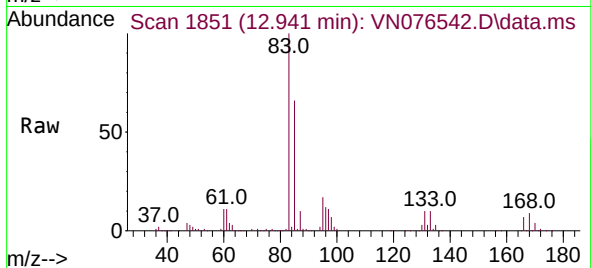
Tgt Ion: 43 Resp: 721894
Ion Ratio Lower Upper
43 100
70 52.2 42.6 64.0
55 27.3 22.3 33.5
61 28.4 22.7 34.1





#75
1,1,2,2-Tetrachloroethane
Concen: 64.448 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

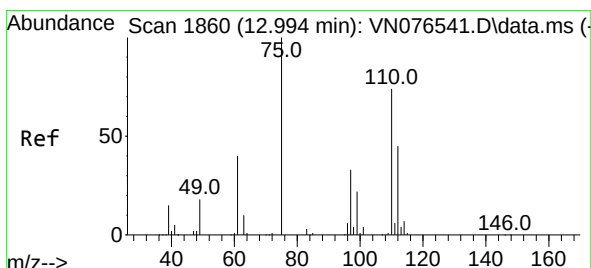
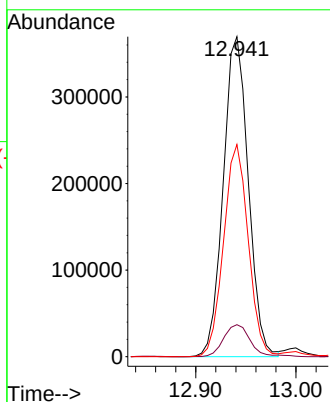
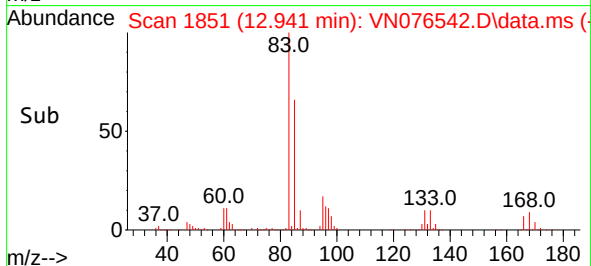
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



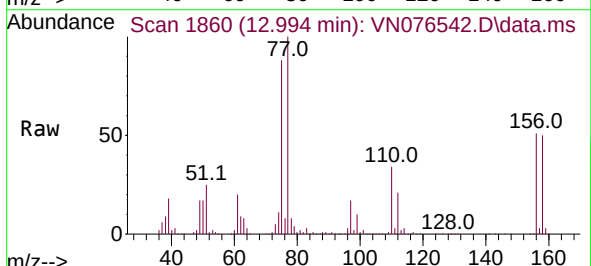
Tgt Ion: 83 Resp: 642370
Ion Ratio Lower Upper
83 100
131 10.7 5.5 16.7
85 65.2 32.3 96.8

Manual Integrations
APPROVED

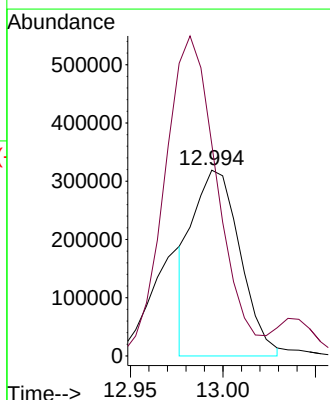
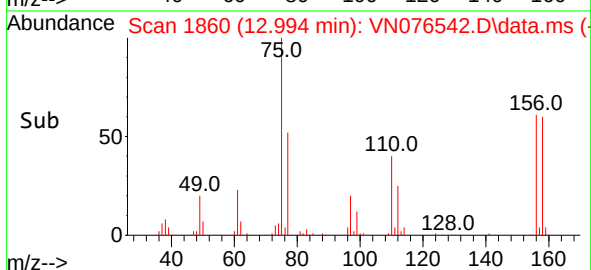
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

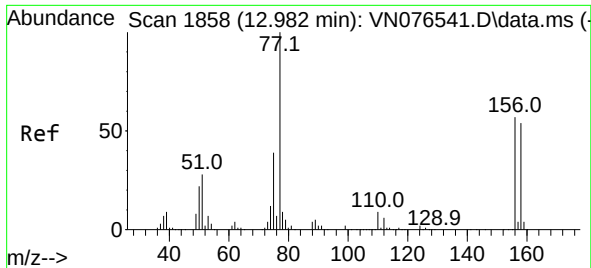


#76
1,2,3-Trichloropropane
Concen: 60.887 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22



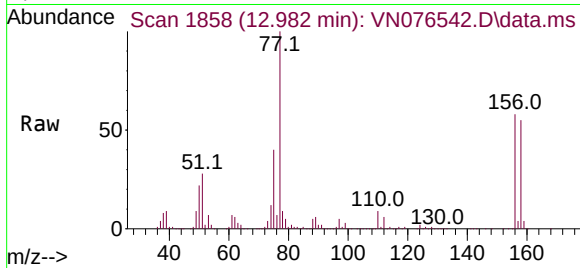
Tgt Ion: 75 Resp: 569938
Ion Ratio Lower Upper
75 100
77 192.0 86.8 260.3





#77
Bromobenzene
Concen: 67.398 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

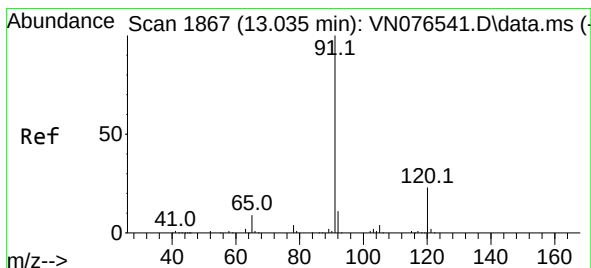
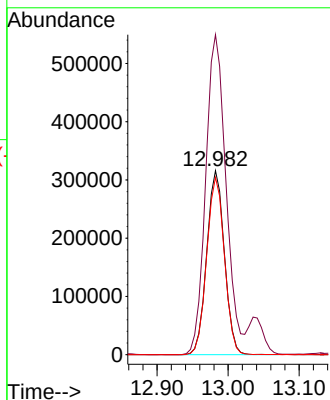
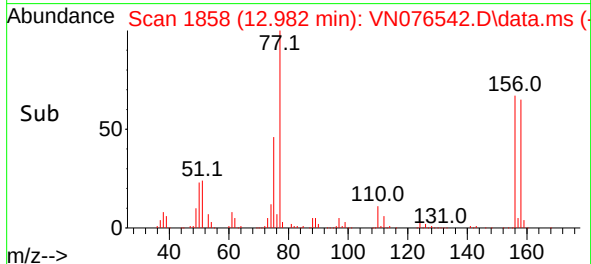
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



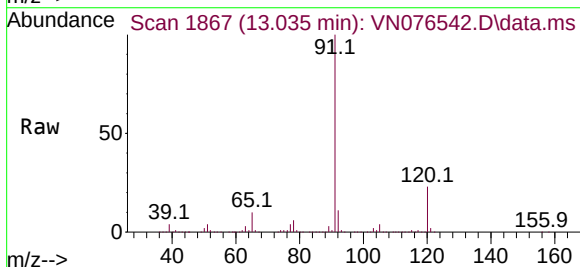
Tgt Ion:156 Resp: 54534
Ion Ratio Lower Upper
156 100
77 200.7 101.2 303.6
158 96.8 48.5 145.6

Manual Integrations
APPROVED

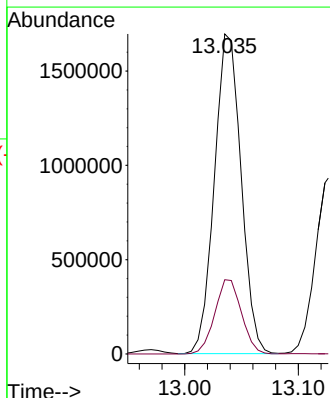
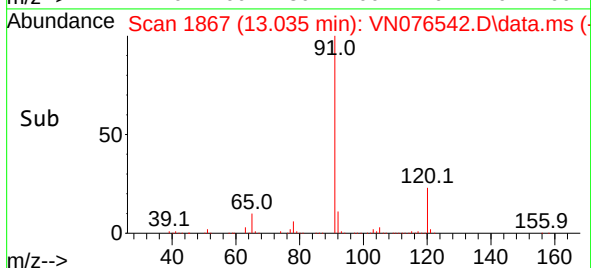
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

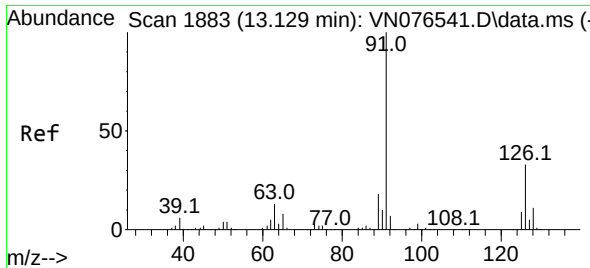


#78
n-propylbenzene
Concen: 72.389 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22



Tgt Ion: 91 Resp: 2769975
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5





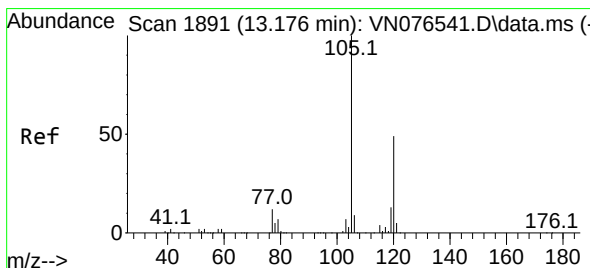
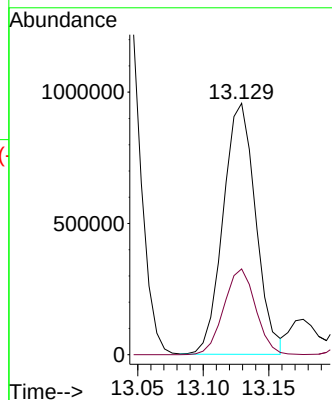
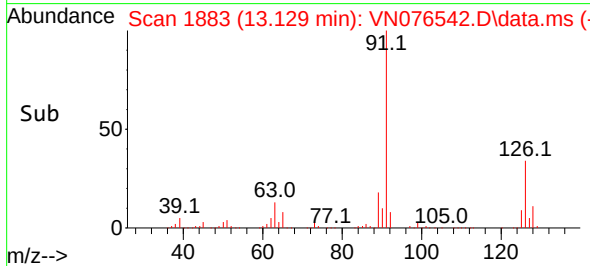
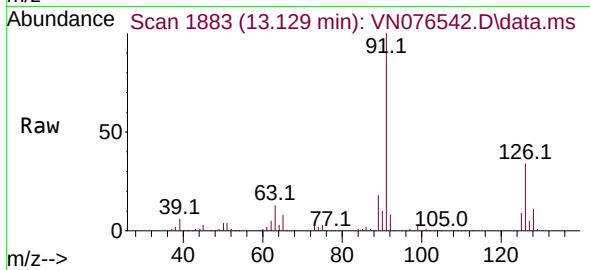
#79
2-Chlorotoluene
Concen: 68.080 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 91 Resp: 165374
Ion Ratio Lower Upper
91 100
126 33.3 16.8 50.3

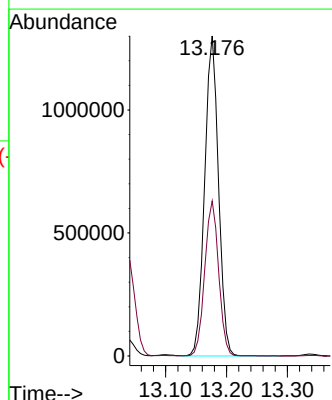
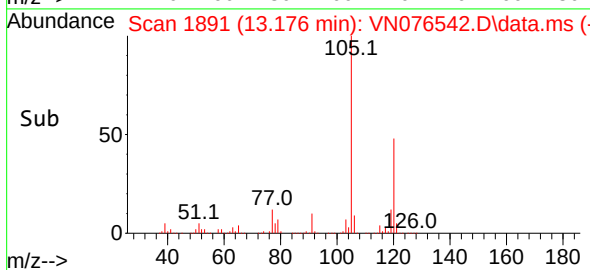
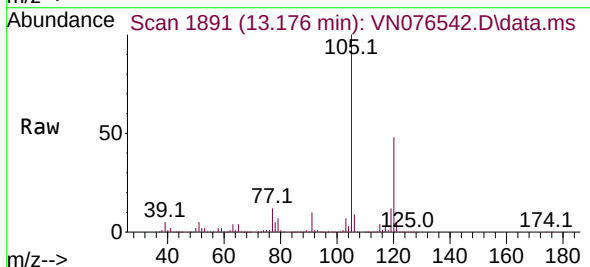
Manual Integrations
APPROVED

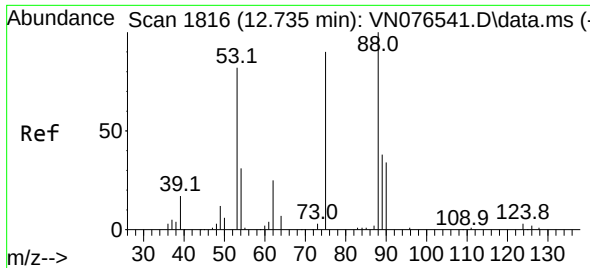
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 70.441 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

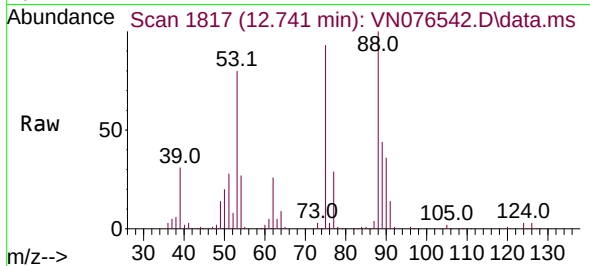
Tgt Ion:105 Resp: 2053614
Ion Ratio Lower Upper
105 100
120 48.7 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 77.174 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

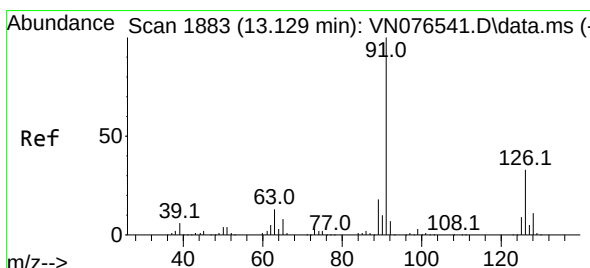
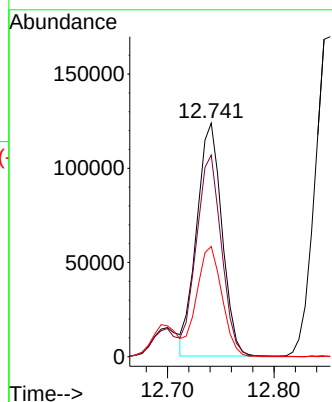
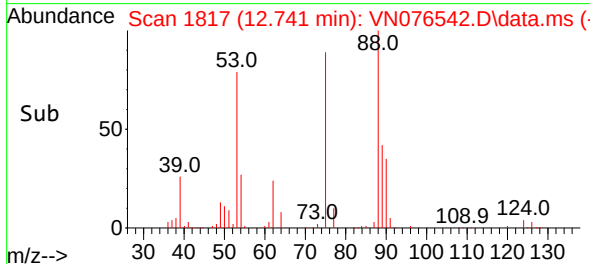
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



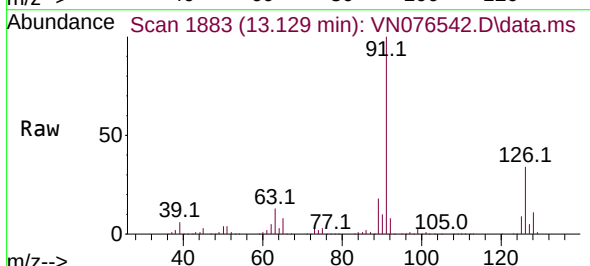
Tgt Ion: 75 Resp: 203672
Ion Ratio Lower Upper
75 100
53 86.8 72.7 109.1
89 47.9 38.4 57.6

Manual Integrations
APPROVED

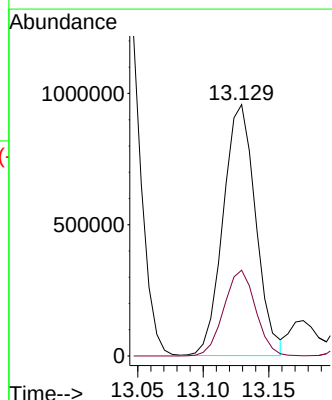
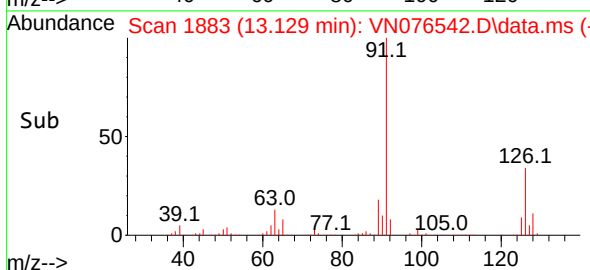
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

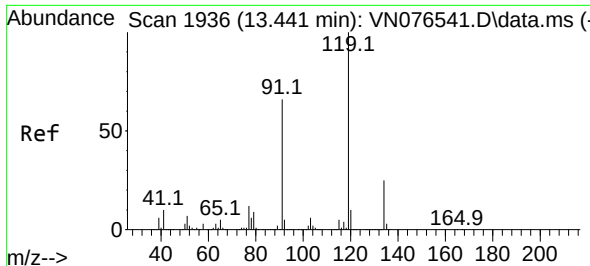


#82
4-Chlorotoluene
Concen: 68.080 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22



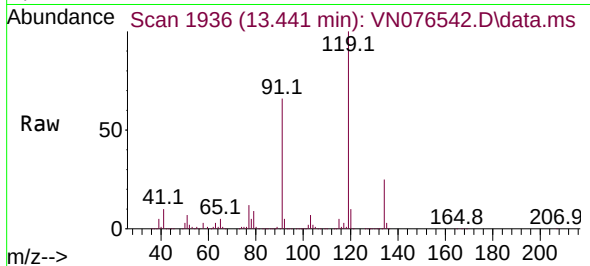
Tgt Ion: 91 Resp: 1653742
Ion Ratio Lower Upper
91 100
126 33.3 16.8 50.3





#83
tert-Butylbenzene
Concen: 68.774 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

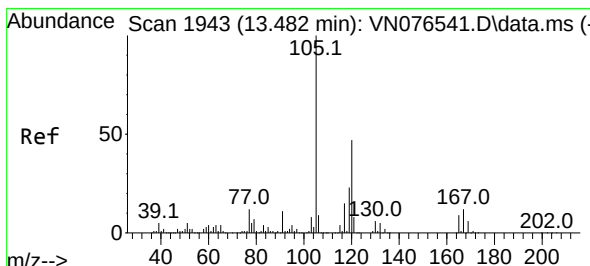
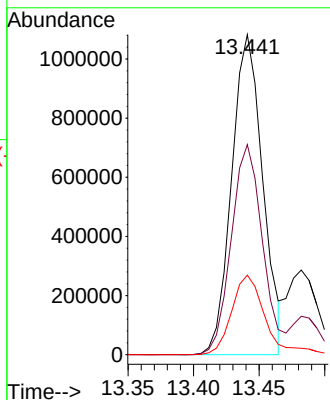
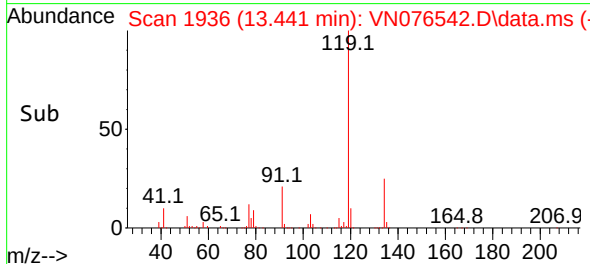
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:119 Resp: 1782904
Ion Ratio Lower Upper
119 100
91 66.4 32.1 96.3
134 26.8 12.9 38.6

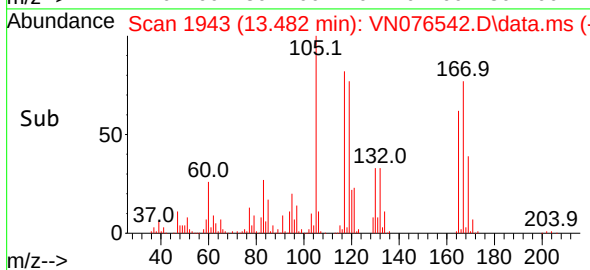
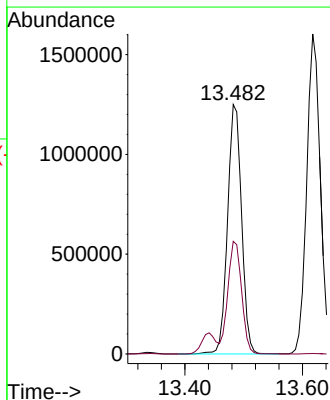
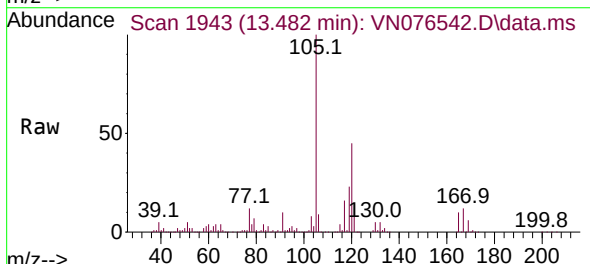
Manual Integrations
APPROVED

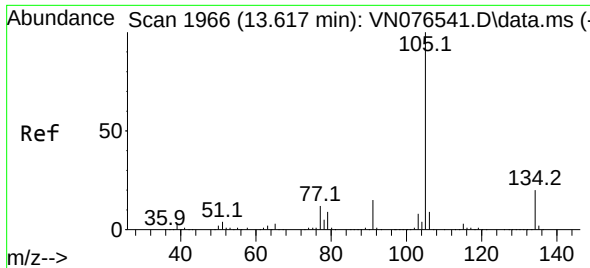
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#84
1,2,4-Trimethylbenzene
Concen: 71.420 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

Tgt Ion:105 Resp: 2065507
Ion Ratio Lower Upper
105 100
120 44.2 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 73.267 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076542.D
 Acq: 06 Feb 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

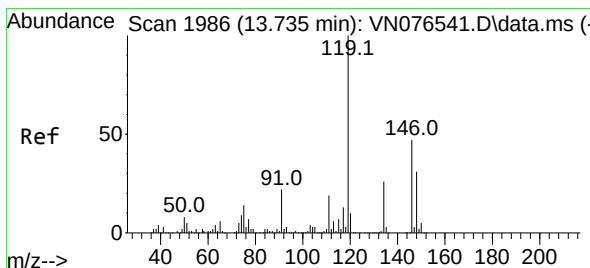
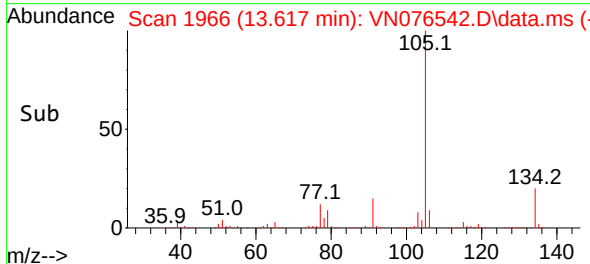
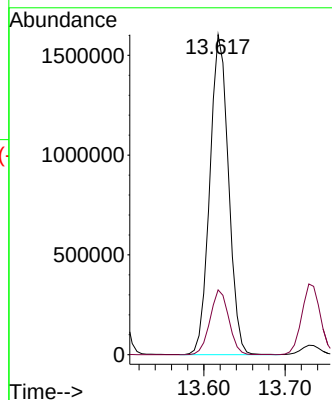
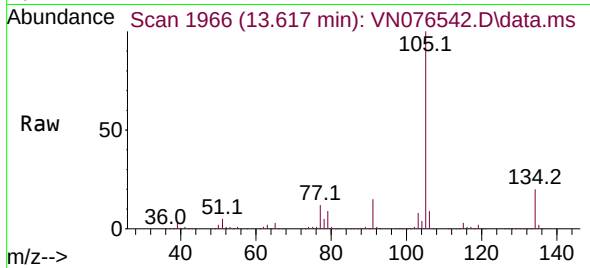
Tgt Ion:105 Resp: 2560318
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 30.0

Manual Integrations

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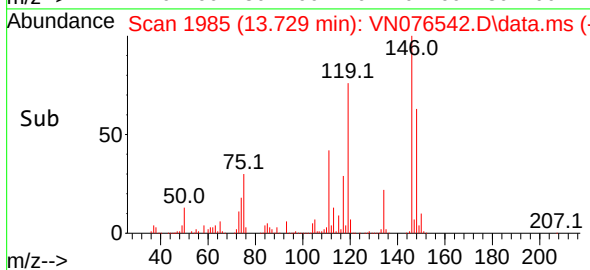
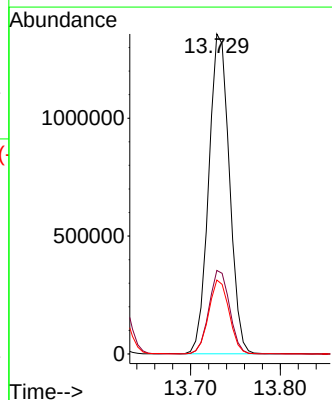
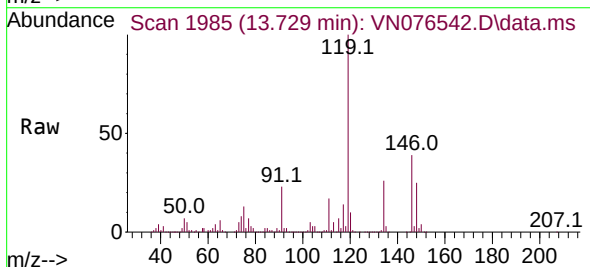
Reviewed By :John Carlone 02/07/2023

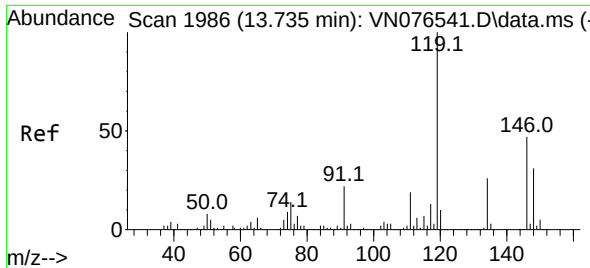
Supervised By :Mahesh Dadoda 02/07/2023



#86
 p-Isopropyltoluene
 Concen: 76.204 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN076542.D
 Acq: 06 Feb 2023 14:22

Tgt Ion:119 Resp: 2168521
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.6
 91 22.8 11.4 34.2





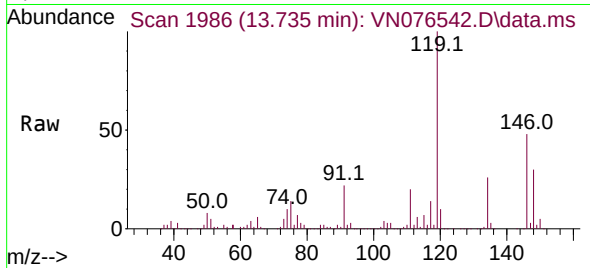
#87
1,3-Dichlorobenzene
Concen: 69.660 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075



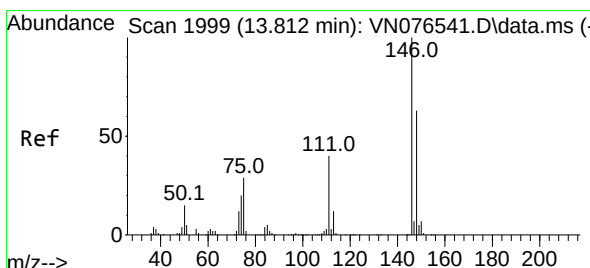
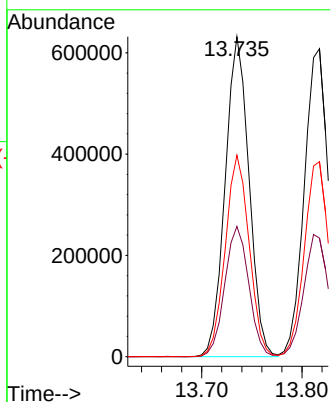
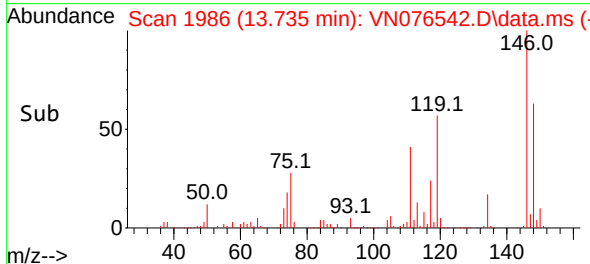
Tgt Ion:146 Resp: 104411
Ion Ratio Lower Upper
146 100
111 41.0 20.5 61.5
148 63.2 32.0 96.2

Manual Integrations

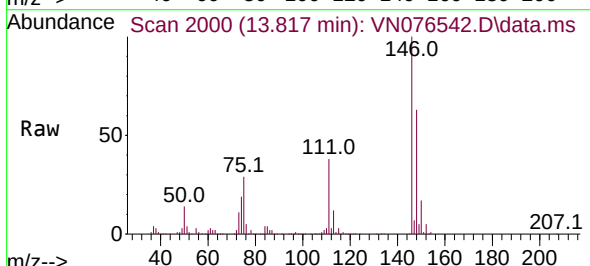
APPROVED

Reviewed By :John Carlone 02/07/2023

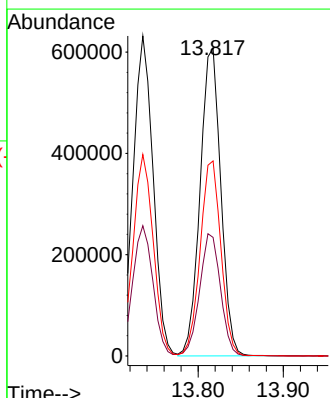
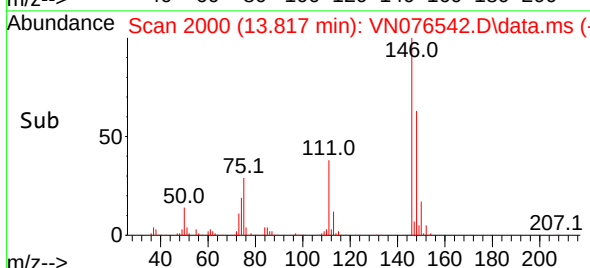
Supervised By :Mahesh Dadoda 02/07/2023

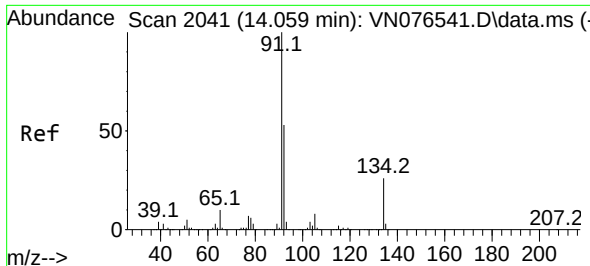


#88
1,4-Dichlorobenzene
Concen: 67.851 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22



Tgt Ion:146 Resp: 1025842
Ion Ratio Lower Upper
146 100
111 39.8 20.1 60.2
148 63.7 31.6 95.0





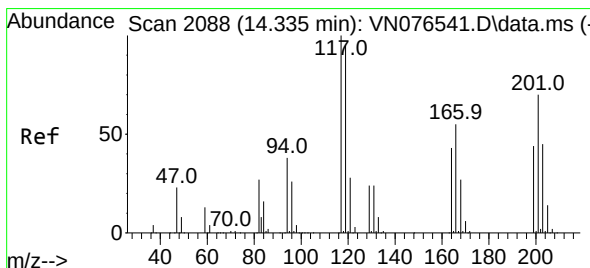
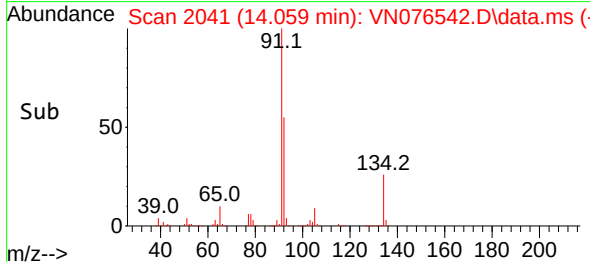
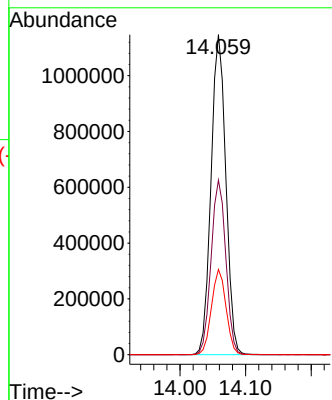
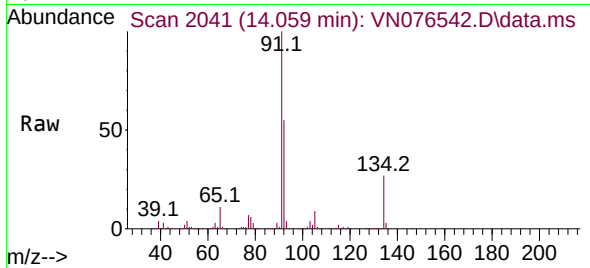
#89
n-Butylbenzene
Concen: 79.541 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 91 Resp: 179562
Ion Ratio Lower Upper
91 100
92 54.5 26.9 80.7
134 26.3 13.0 39.0

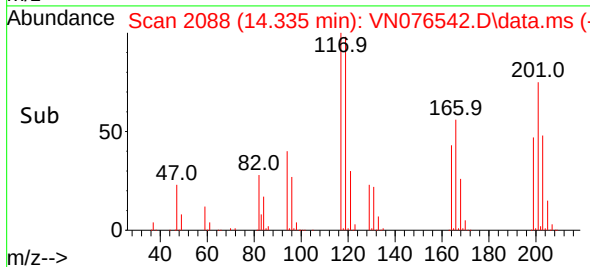
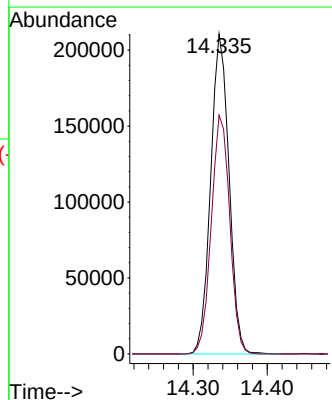
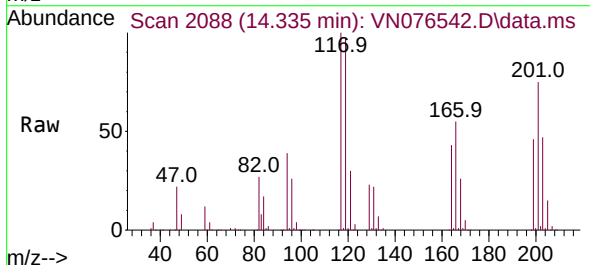
Manual Integrations
APPROVED

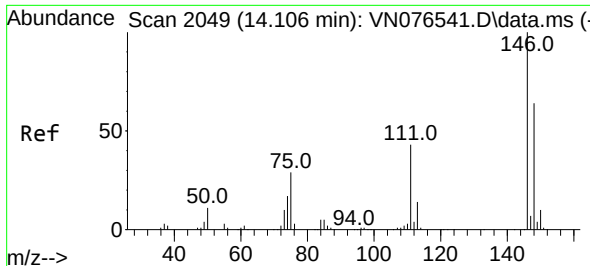
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#90
Hexachloroethane
Concen: 74.601 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

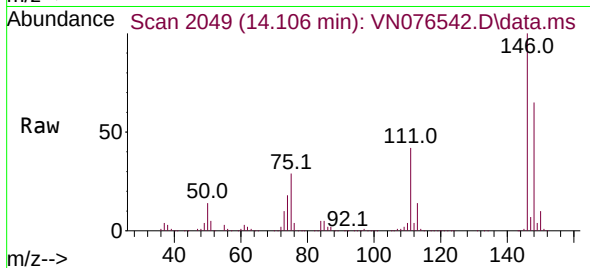
Tgt Ion:117 Resp: 362481
Ion Ratio Lower Upper
117 100
201 74.9 36.5 109.7





#91
1,2-Dichlorobenzene
Concen: 69.122 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

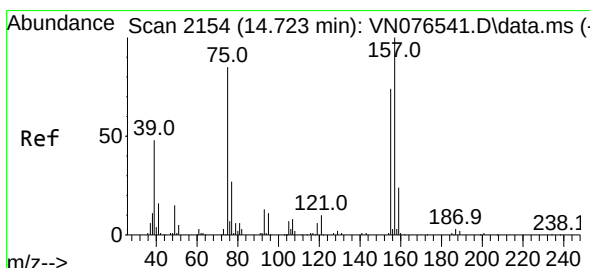
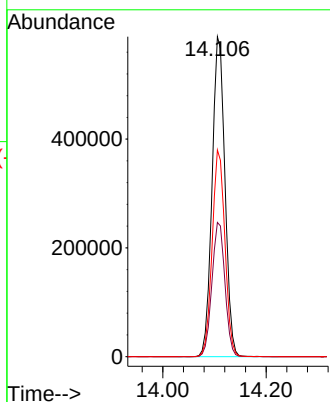
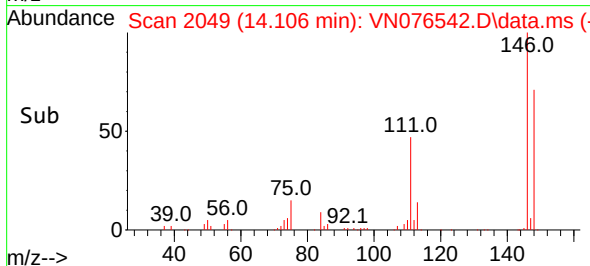
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



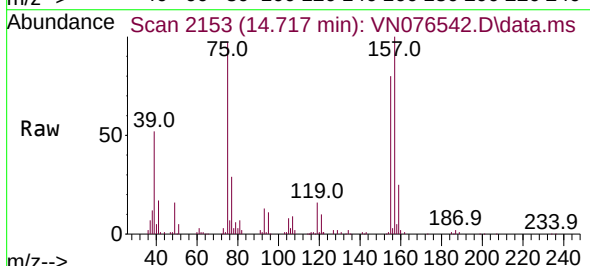
Tgt Ion:146 Resp: 1016649
Ion Ratio Lower Upper
146 100
111 42.4 21.3 63.9
148 64.1 32.3 96.9

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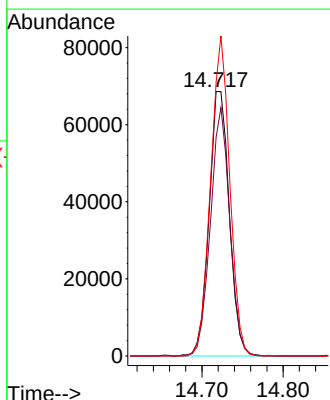
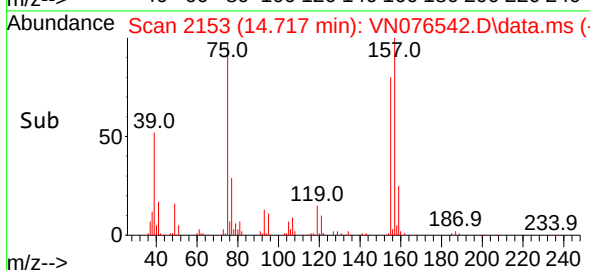
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

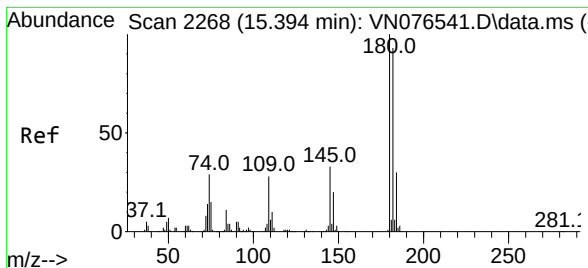


#92
1,2-Dibromo-3-Chloropropane
Concen: 68.901 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22



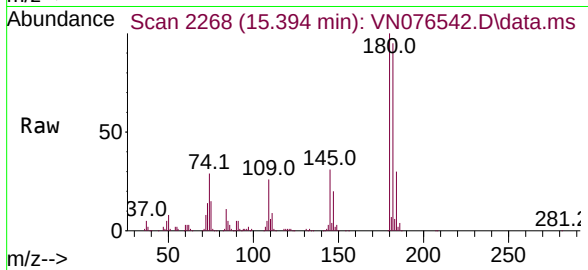
Tgt Ion: 75 Resp: 118375
Ion Ratio Lower Upper
75 100
155 89.8 45.0 135.0
157 115.0 57.6 173.0





#93
1,2,4-Trichlorobenzene
Concen: 79.756 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

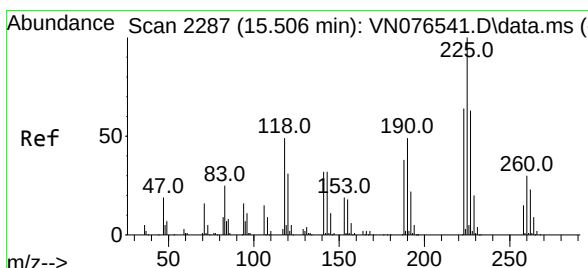
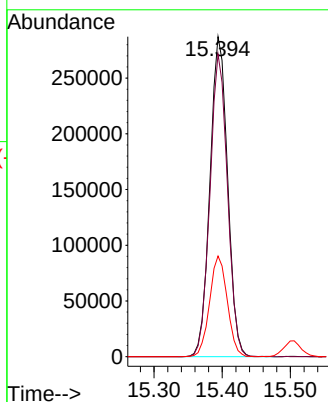
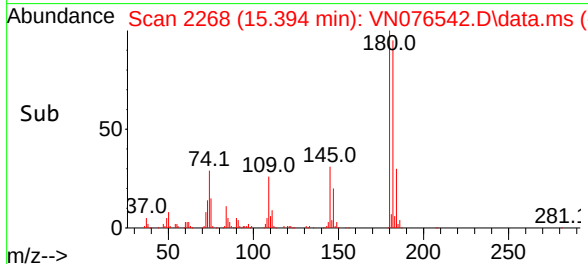
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



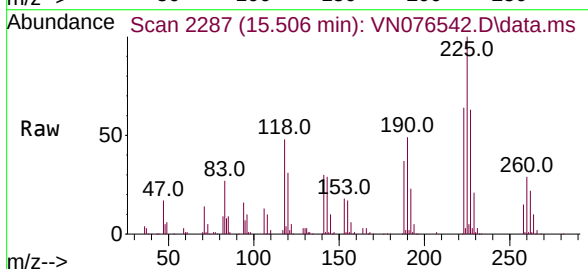
Tgt Ion:180 Resp: 516978
Ion Ratio Lower Upper
180 100
182 93.9 47.2 141.6
145 31.5 16.1 48.2

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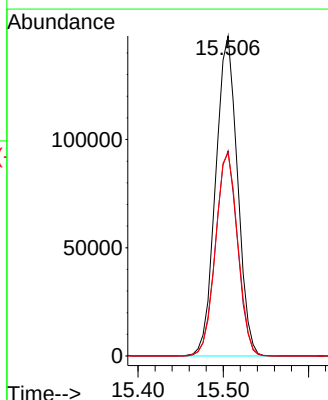
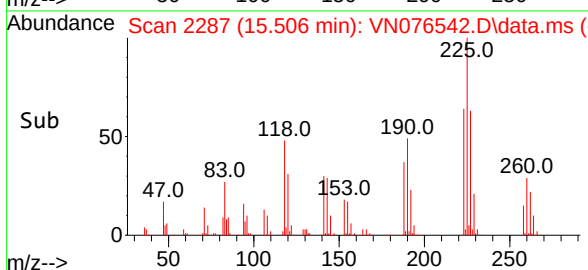
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

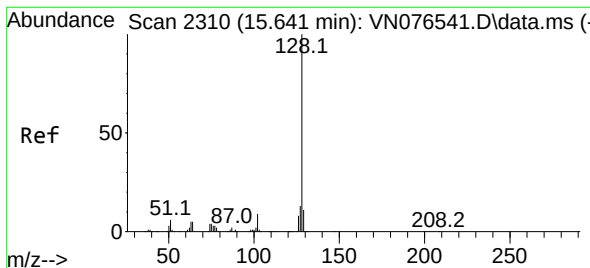


#94
Hexachlorobutadiene
Concen: 70.776 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22



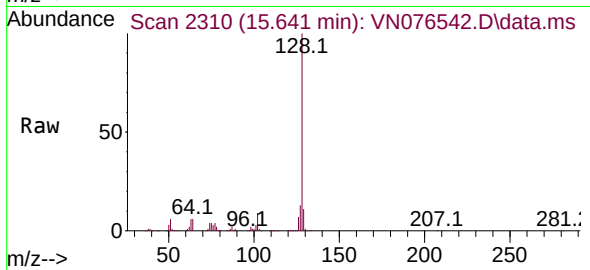
Tgt Ion:225 Resp: 263405
Ion Ratio Lower Upper
225 100
223 64.0 31.3 93.9
227 64.7 31.6 95.0





#95
Naphthalene
Concen: 79.277 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22

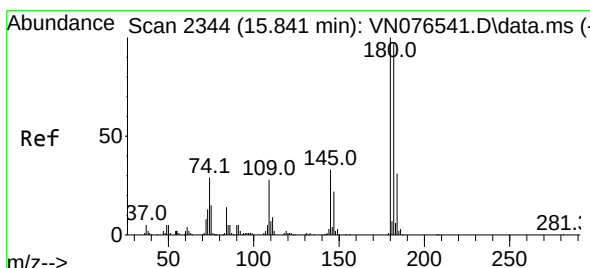
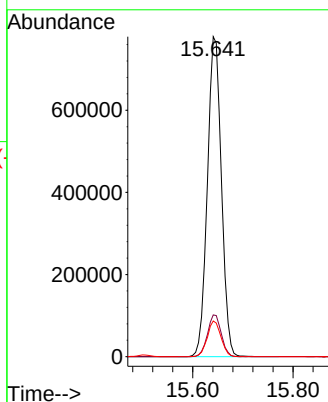
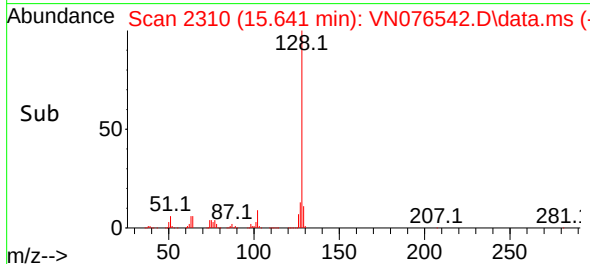
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



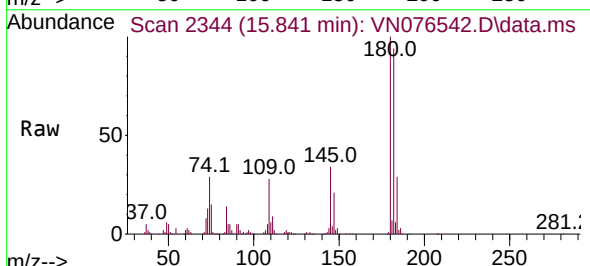
Tgt Ion:128 Resp: 1513609
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 77.744 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076542.D
Acq: 06 Feb 2023 14:22



Tgt Ion:180 Resp: 484461
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.8
145 34.0 16.8 50.3

