

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020723\
 Data File : VN076562.D
 Acq On : 07 Feb 2023 13:19
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/08/2023
 Supervised By : Mahesh Dadoda 02/08/2023

Quant Time: Feb 08 09:00:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 08:54:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	594503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	999219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	903375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	427749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	344922	49.156	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.320%		
35) Dibromofluoromethane	8.171	113	308034	49.591	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.180%		
50) Toluene-d8	10.571	98	1187144	50.803	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.600%		
62) 4-Bromofluorobenzene	12.853	95	424629	51.581	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.160%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	328747	53.229	ug/l	100
3) Chloromethane	2.371	50	266137	46.888	ug/l	100
4) Vinyl Chloride	2.530	62	264781	50.803	ug/l	100
5) Bromomethane	2.954	94	172558	44.626	ug/l	100
6) Chloroethane	3.124	64	156635	49.686	ug/l	100
7) Trichlorofluoromethane	3.512	101	470621	45.813	ug/l	100
8) Diethyl Ether	3.977	74	193856	49.835	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	302202	47.487	ug/l	100
10) Methyl Iodide	4.601	142	469142	50.401	ug/l	100
11) Tert butyl alcohol	5.542	59	222059	242.963	ug/l	100
12) 1,1-Dichloroethene	4.353	96	290241	48.819	ug/l	100
13) Acrolein	4.195	56	302428	247.695	ug/l	100
14) Allyl chloride	5.042	41	371564	47.988	ug/l	100
15) Acrylonitrile	5.736	53	662265	241.469	ug/l	100
16) Acetone	4.442	43	535101	231.305	ug/l	100
17) Carbon Disulfide	4.730	76	753673	48.935	ug/l	100
18) Methyl Acetate	5.042	43	361100	49.333	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	967498	48.932	ug/l	100
20) Methylene Chloride	5.289	84	325893	45.697	ug/l	100
21) trans-1,2-Dichloroethene	5.800	96	312137	48.304	ug/l	100
22) Diisopropyl ether	6.683	45	865853	49.340	ug/l	100
23) Vinyl Acetate	6.618	43	2813120	255.394	ug/l	100
24) 1,1-Dichloroethane	6.583	63	538379	47.777	ug/l	100
25) 2-Butanone	7.489	43	814061	244.807	ug/l	100
26) 2,2-Dichloropropane	7.500	77	461501	49.062	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	364763	48.270	ug/l	100
28) Bromochloromethane	7.824	49	221961	49.160	ug/l	100
29) Tetrahydrofuran	7.847	42	531679	248.778	ug/l	100
30) Chloroform	7.971	83	582323	47.636	ug/l	100
31) Cyclohexane	8.265	56	509086	45.903	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	533617	48.715	ug/l	100
36) 1,1-Dichloropropene	8.377	75	433098	48.835	ug/l	100
37) Ethyl Acetate	7.571	43	334177	49.503	ug/l	100
38) Carbon Tetrachloride	8.365	117	468968	49.182	ug/l	100
39) Methylcyclohexane	9.606	83	560259	50.869	ug/l	100
40) Benzene	8.612	78	1314515	48.897	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	185086	49.197	ug/l	100
42) 1,2-Dichloroethane	8.677	62	416079	47.537	ug/l	100
43) Isopropyl Acetate	8.694	43	557575	50.431	ug/l	100
44) Trichloroethene	9.359	130	343456	47.842	ug/l	100
45) 1,2-Dichloropropane	9.624	63	317762	49.214	ug/l	100
46) Dibromomethane	9.712	93	219225	47.067	ug/l	100
47) Bromodichloromethane	9.888	83	459675	49.078	ug/l	100
48) Methyl methacrylate	9.683	41	270561	49.759	ug/l	100
49) 1,4-Dioxane	9.700	88	115589	993.755	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	1667511	250.950	ug/l	100
52) Toluene	10.635	92	858442	49.480	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	475093	52.497	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	526741	51.041	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	325889	47.959	ug/l	100
56) Ethyl methacrylate	10.877	69	484232	53.245	ug/l	100
57) 1,3-Dichloropropane	11.165	76	535681	48.702	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	729216	280.584	ug/l	100
59) 2-Hexanone	11.200	43	1200507	253.421	ug/l	100
60) Dibromochloromethane	11.365	129	358673	50.086	ug/l	100
61) 1,2-Dibromoethane	11.471	107	332707	49.464	ug/l	100
64) Tetrachloroethene	11.106	164	328855	43.718	ug/l	100
65) Chlorobenzene	11.894	112	900106	48.181	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	334563	48.360	ug/l	100
67) Ethyl Benzene	11.965	91	1657041	49.910	ug/l	100
68) m/p-Xylenes	12.071	106	1298863	100.411	ug/l	100
69) o-Xylene	12.400	106	638478	50.405	ug/l	100
70) Styrene	12.412	104	1051063	52.171	ug/l	100
71) Bromoform	12.582	173	248274	51.413	ug/l #	100
73) Isopropylbenzene	12.700	105	1672912	47.754	ug/l	100
74) N-amyl acetate	12.494	43	484917	49.637	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	451799	47.052	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	340777m	40.263	ug/l	
77) Bromobenzene	12.982	156	375598	46.094	ug/l	100
78) n-propylbenzene	13.041	91	1914453	49.631	ug/l	100
79) 2-Chlorotoluene	13.129	91	1148813	46.753	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	1425489	49.029	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	133438m	51.897	ug/l	
82) 4-Chlorotoluene	13.129	91	1148813	46.753	ug/l	100
83) tert-Butylbenzene	13.441	119	1228844	47.187	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1426154	49.290	ug/l	100
85) sec-Butylbenzene	13.618	105	1760721	50.138	ug/l	100
86) p-Isopropyltoluene	13.729	119	1476104	51.292	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	715469	47.706	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	707338	46.431	ug/l	100
89) n-Butylbenzene	14.059	91	1207755	52.999	ug/l	100
90) Hexachloroethane	14.335	117	247654	49.404	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	702515	47.512	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	81799	49.222	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	350363	51.712	ug/l	100
94) Hexachlorobutadiene	15.506	225	186209	48.877	ug/l	100
95) Naphthalene	15.641	128	1024669	51.984	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	328824	50.678	ug/l	100

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDICCC050

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Quant Title : SW846 8260
QLast Update : Wed Feb 08 08:54:01 2023
Response via : Initial Calibration

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

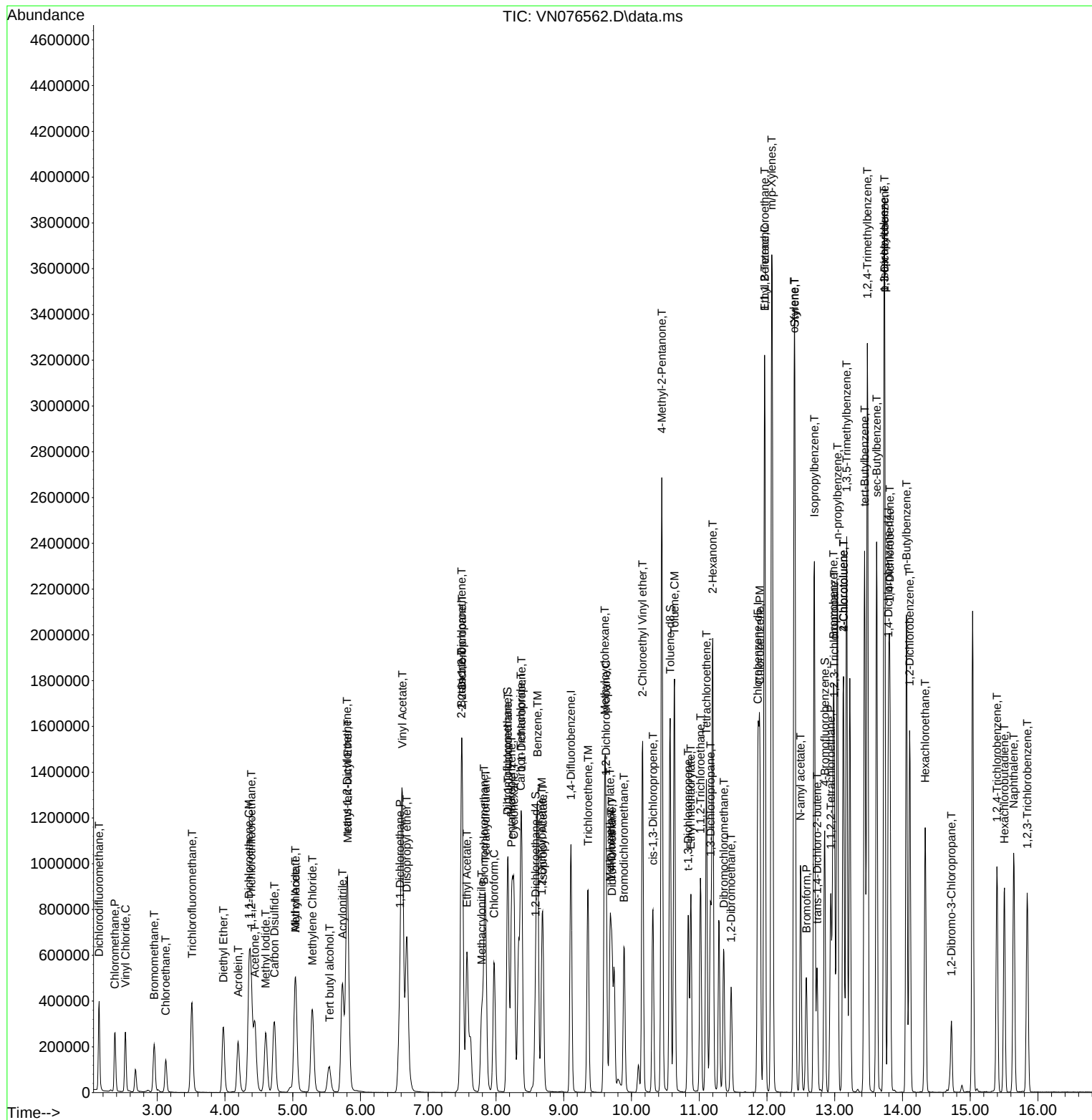
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 Data File : VN076562.D
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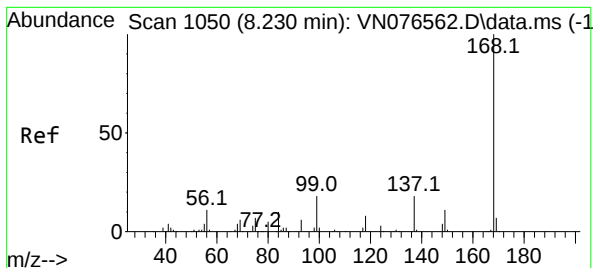
Instrument :
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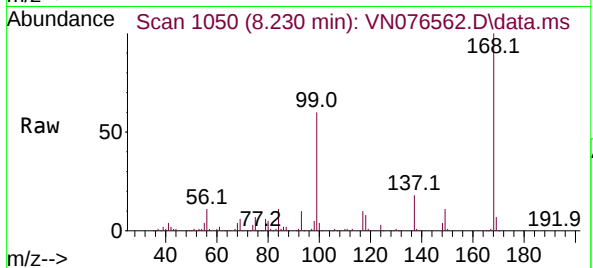
Reviewed By : John Carlone 02/08/2023
 Supervised By : Mahesh Dadoda 02/08/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076562.D
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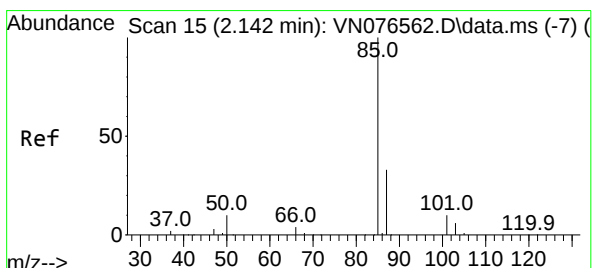
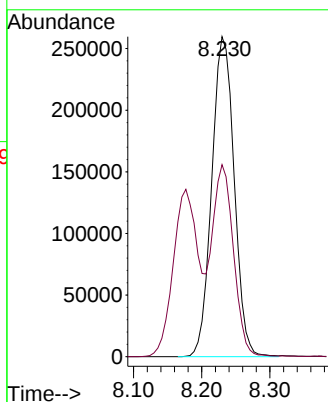
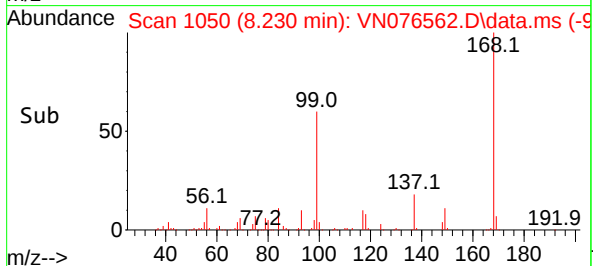
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



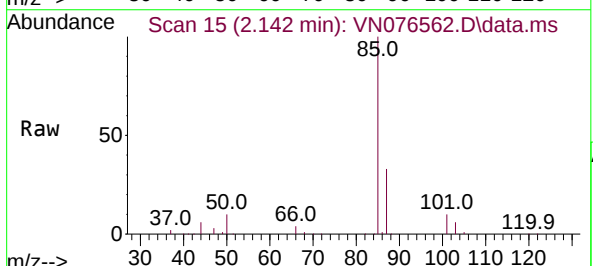
Tgt Ion:168 Resp: 59450
Ion Ratio Lower Upper
168 100
99 59.8 47.8 71.8

Manual Integrations
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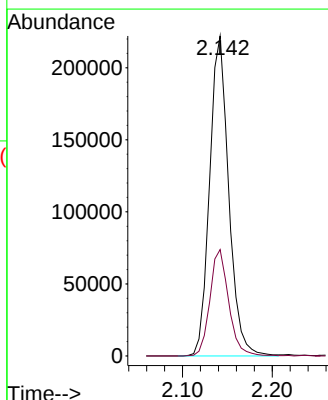
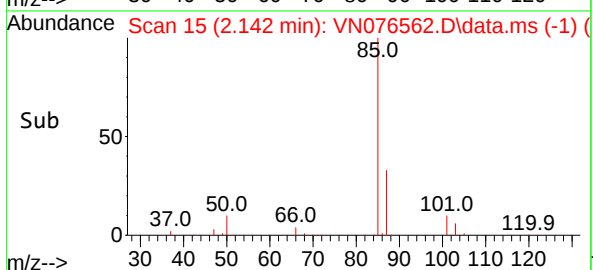
Reviewed By :John Carlone 02/08/2023
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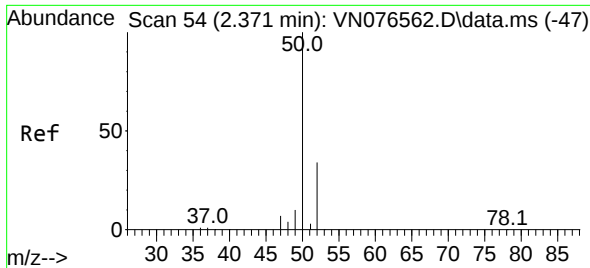


#2
Dichlorodifluoromethane
Concen: 53.229 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19



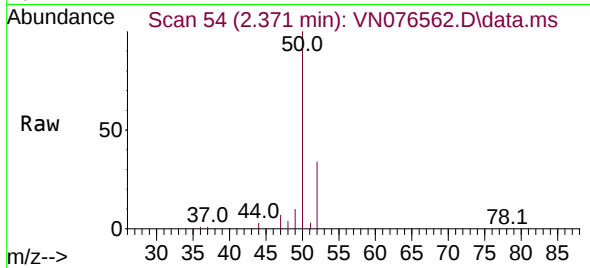
Tgt Ion: 85 Resp: 328747
Ion Ratio Lower Upper
85 100
87 33.2 16.6 49.8





#3
Chloromethane
Concen: 46.888 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

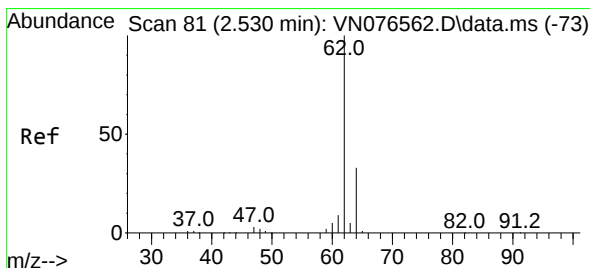
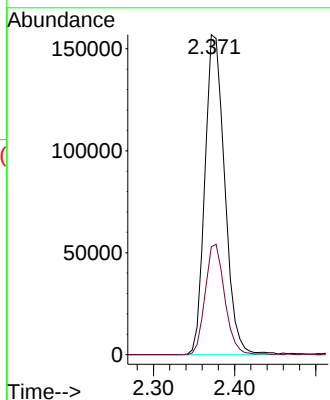
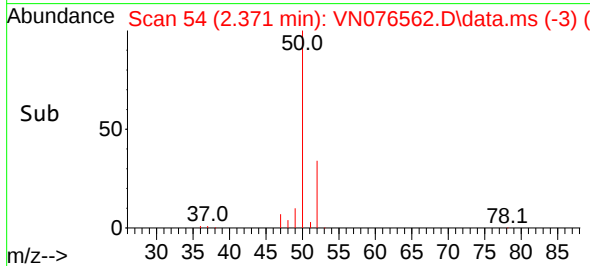
Instrument :
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Tgt Ion: 50 Resp: 26613
Ion Ratio Lower Upper
50 100
52 33.7 27.0 40.4

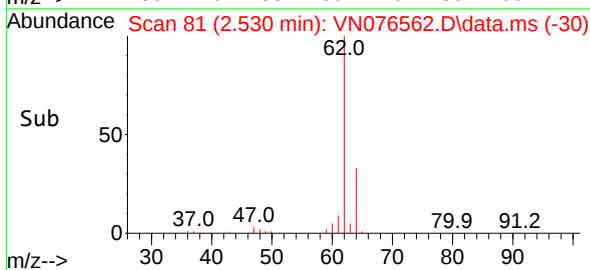
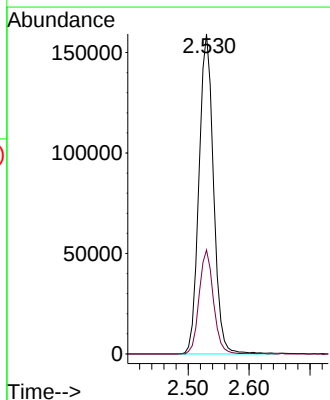
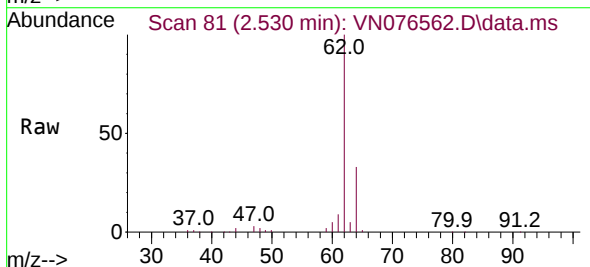
Manual Integrations
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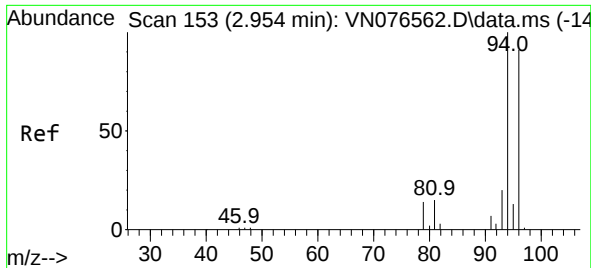
Reviewed By :John Carlone 02/08/2023
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#4
Vinyl Chloride
Concen: 50.803 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

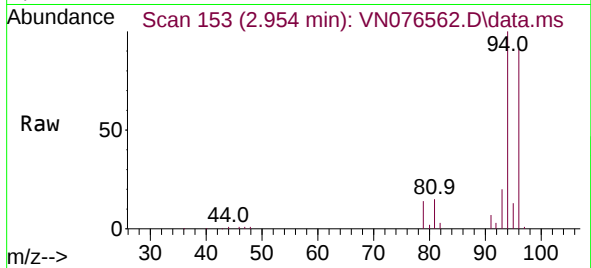
Tgt Ion: 62 Resp: 264781
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0





#5
Bromomethane
Concen: 44.626 ug/l
RT: 2.954 min Scan# 153
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

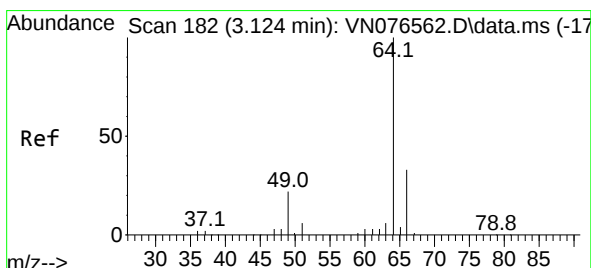
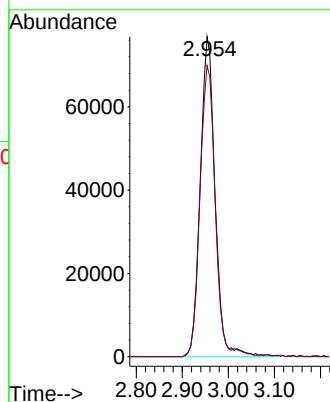
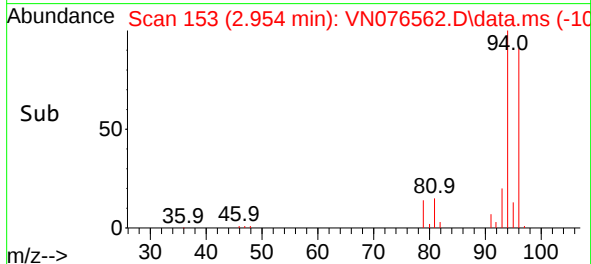
Instrument :
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Tgt Ion: 94 Resp: 172558
Ion Ratio Lower Upper
94 100
96 90.9 72.7 109.1

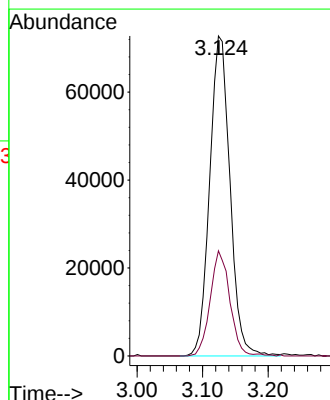
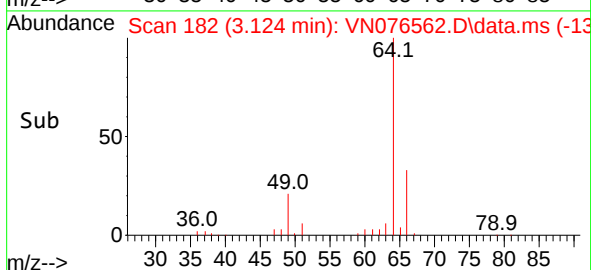
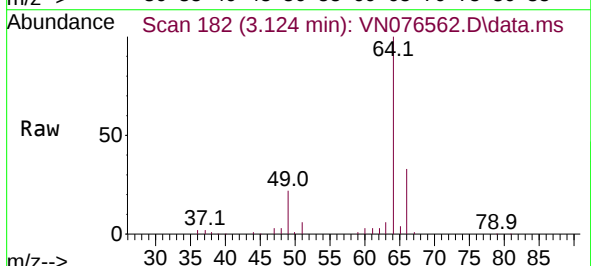
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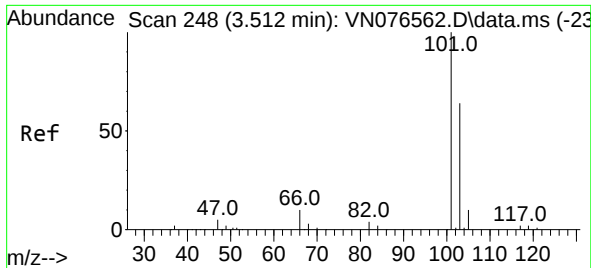
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#6
Chloroethane
Concen: 49.686 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Tgt Ion: 64 Resp: 156635
Ion Ratio Lower Upper
64 100
66 32.9 26.3 39.5





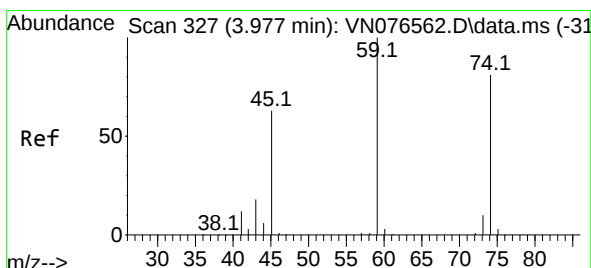
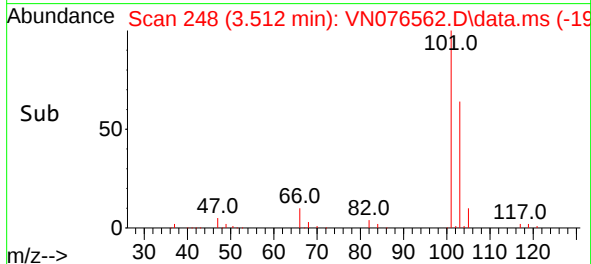
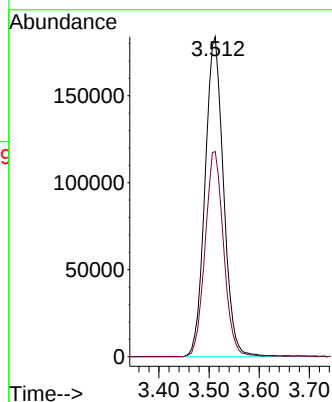
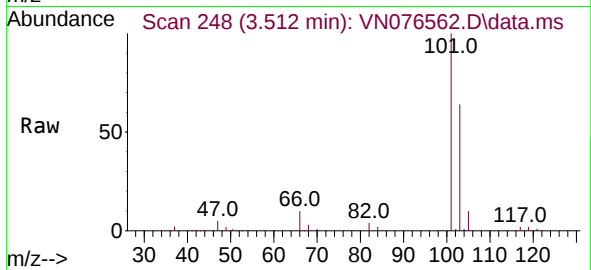
#7
Trichlorofluoromethane
Concen: 45.813 ug/l
RT: 3.512 min Scan# 248
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 47062
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9

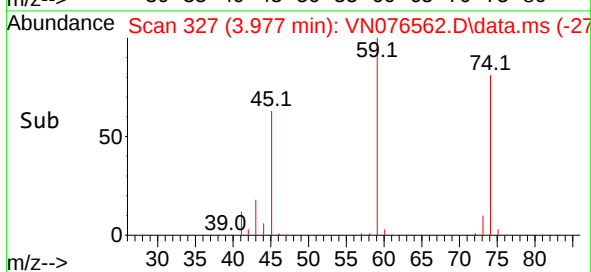
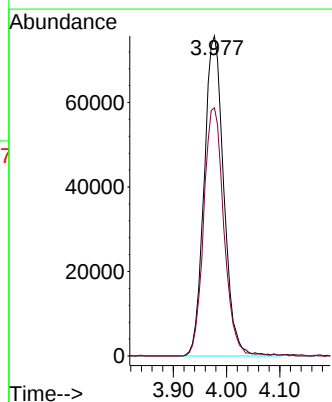
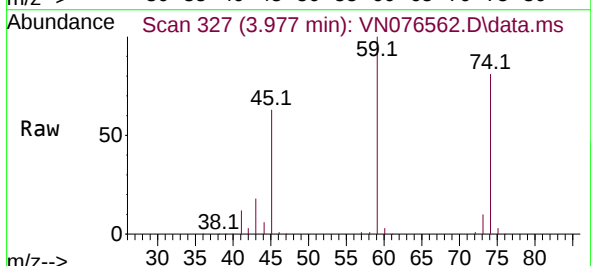
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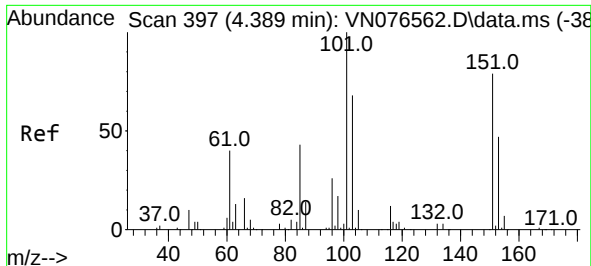
Reviewed By :John Carlone 02/08/2023
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#8
Diethyl Ether
Concen: 49.835 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Tgt Ion: 74 Resp: 193856
Ion Ratio Lower Upper
74 100
45 79.6 39.8 119.4





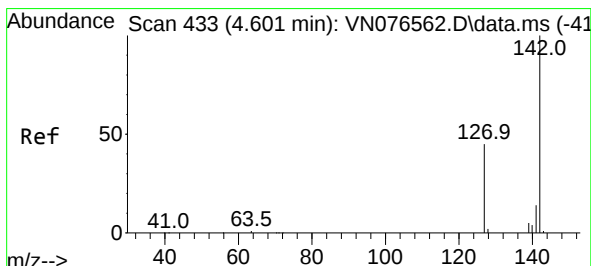
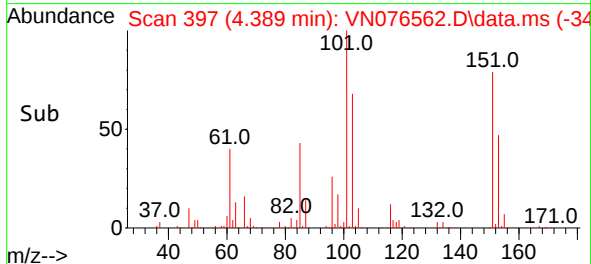
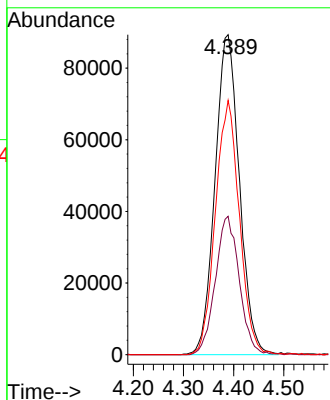
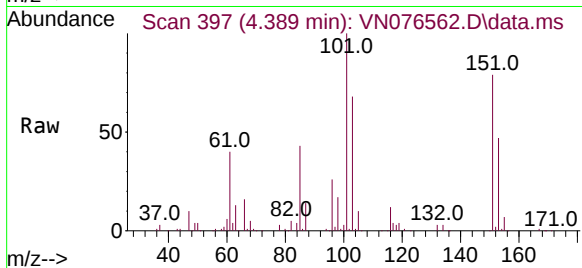
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.487 ug/l
RT: 4.389 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 30220
Ion Ratio Lower Upper
101 100
85 42.4 33.9 50.9
151 78.1 62.5 93.7

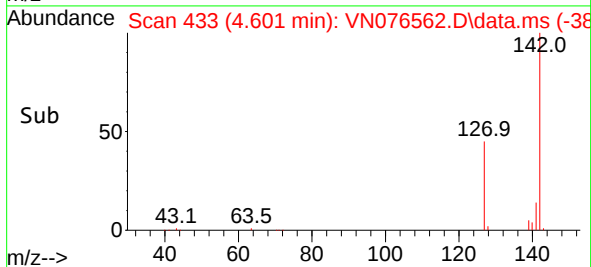
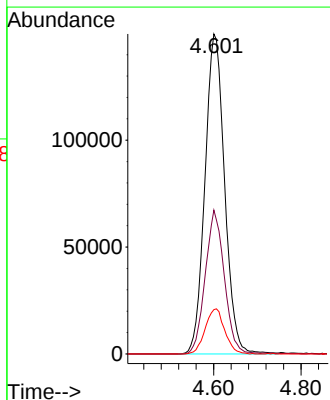
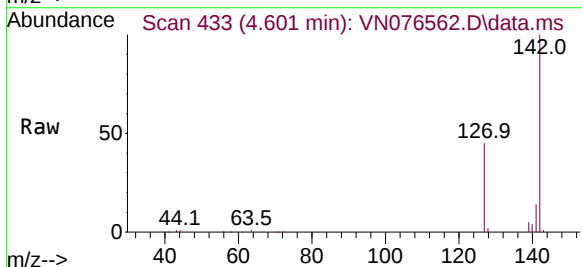
Manual Integrations
APPROVED

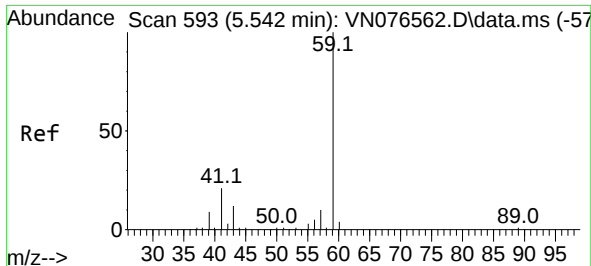
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#10
Methyl Iodide
Concen: 50.401 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

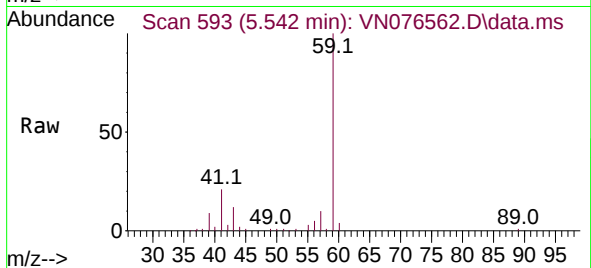
Tgt Ion:142 Resp: 469142
Ion Ratio Lower Upper
142 100
127 43.5 34.8 52.2
141 14.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 242.963 ug/l
RT: 5.542 min Scan# 593
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

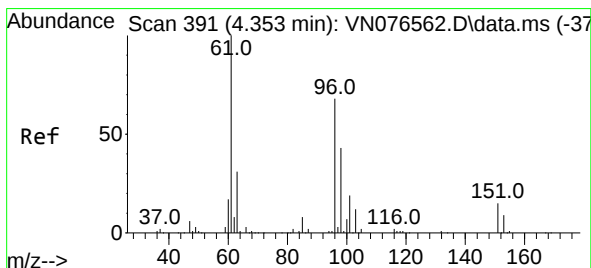
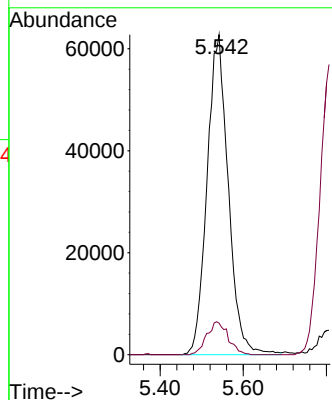
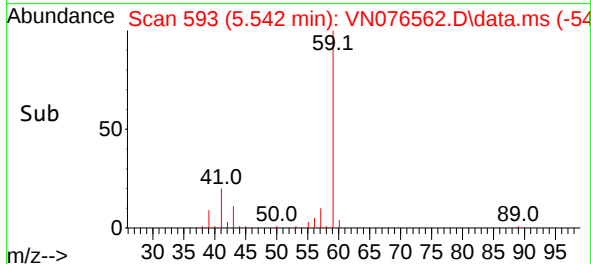
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 59 Resp: 222059
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

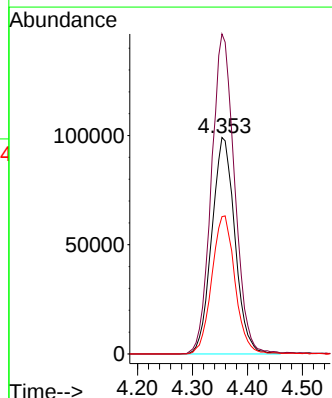
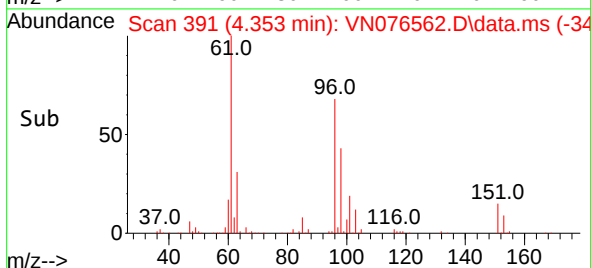
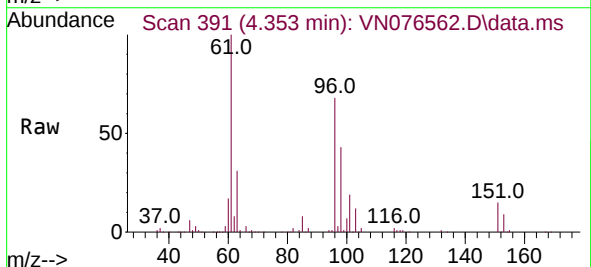
Manual Integrations
APPROVED

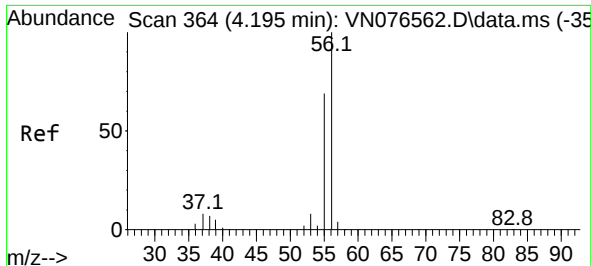
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#12
1,1-Dichloroethene
Concen: 48.819 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

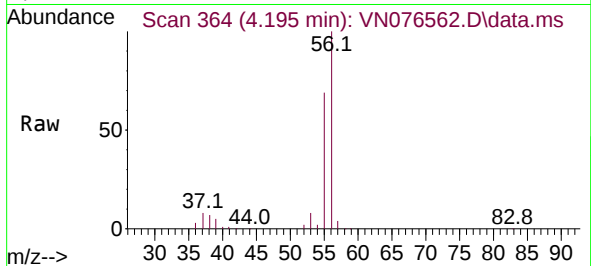
Tgt Ion: 96 Resp: 290241
Ion Ratio Lower Upper
96 100
61 147.9 118.3 177.5
98 63.4 50.7 76.1





#13
Acrolein
Concen: 247.695 ug/l
RT: 4.195 min Scan# 302428
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

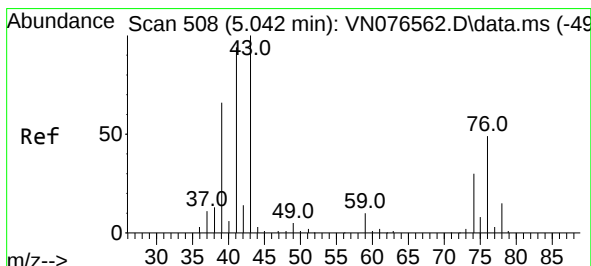
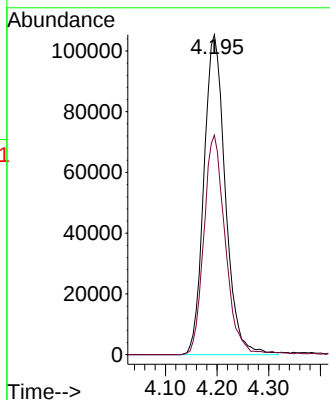
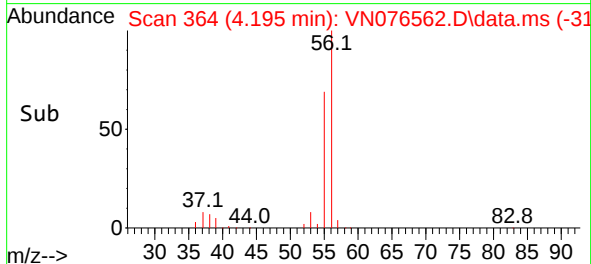
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 302428
Ion Ratio Lower Upper
56 100
55 68.4 54.7 82.1

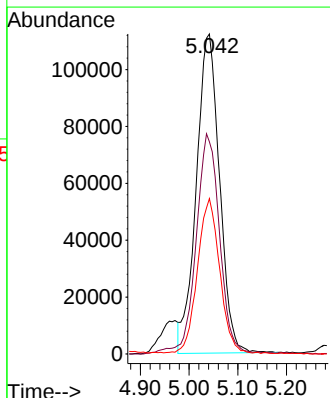
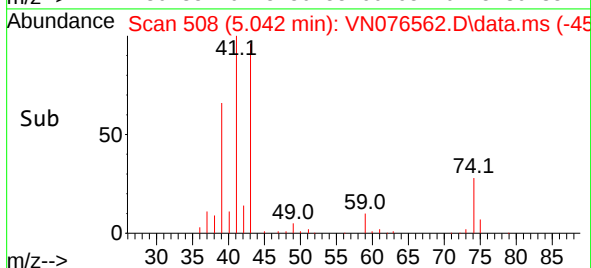
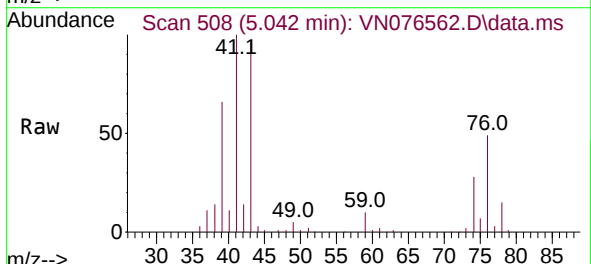
Manual Integrations
APPROVED

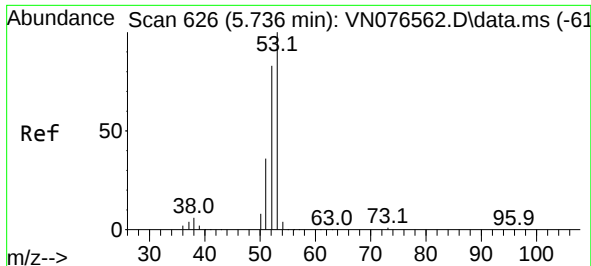
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#14
Allyl chloride
Concen: 47.988 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

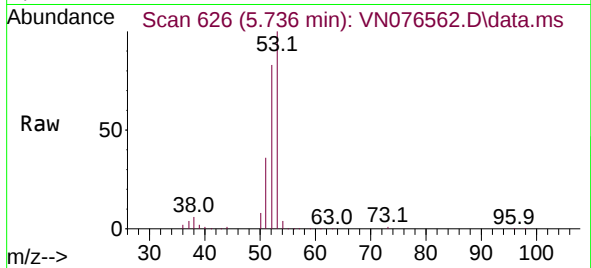
Tgt Ion: 41 Resp: 371564
Ion Ratio Lower Upper
41 100
39 69.7 55.8 83.6
76 46.0 36.8 55.2





#15
Acrylonitrile
Concen: 241.469 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

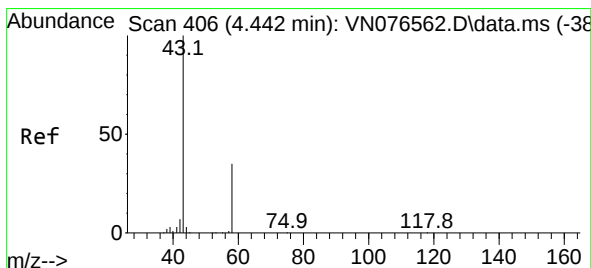
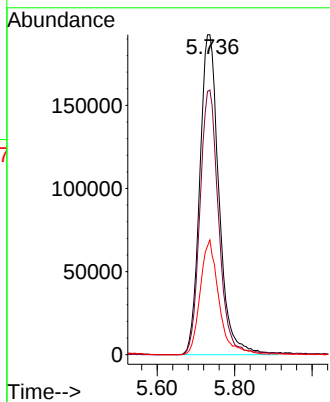
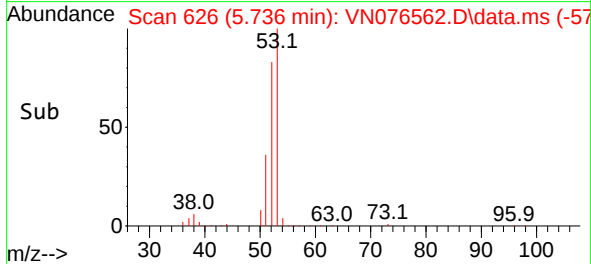
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 66226
Ion Ratio Lower Upper
53 100
52 80.7 64.6 96.8
51 34.9 27.9 41.9

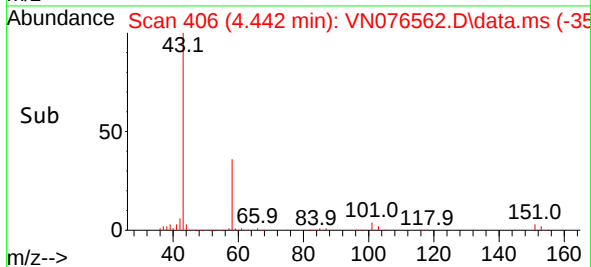
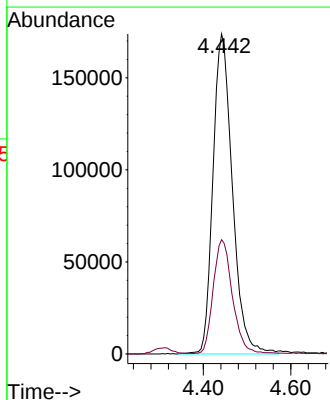
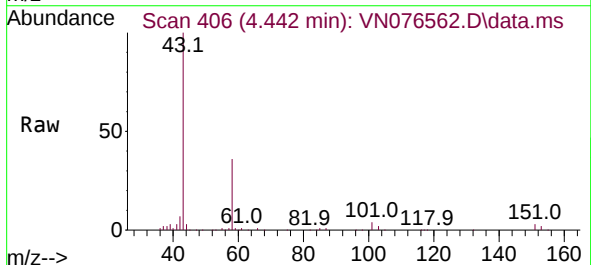
Manual Integrations
APPROVED

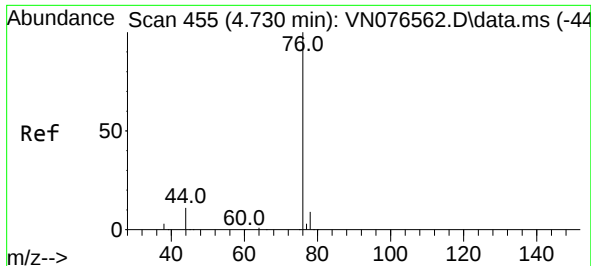
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#16
Acetone
Concen: 231.305 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

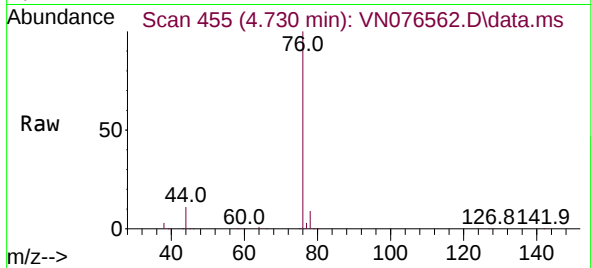
Tgt Ion: 43 Resp: 535101
Ion Ratio Lower Upper
43 100
58 35.5 28.4 42.6





#17
Carbon Disulfide
Concen: 48.935 ug/l
RT: 4.730 min Scan# 455
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

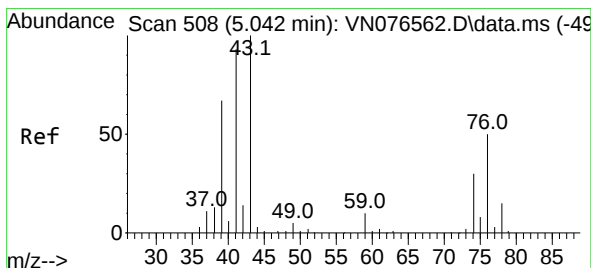
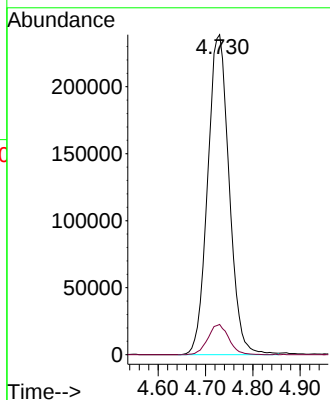
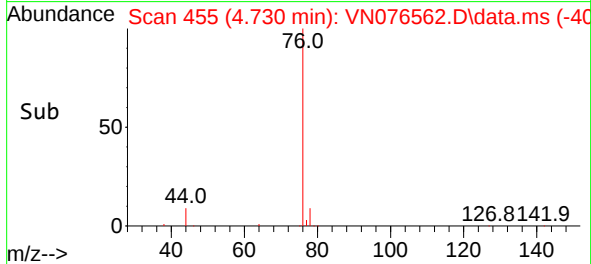
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 75367
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

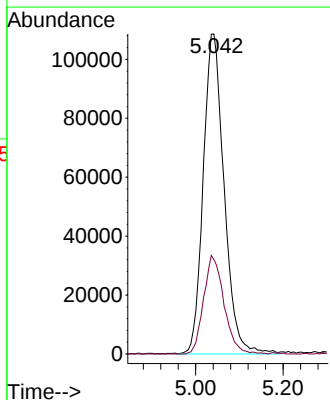
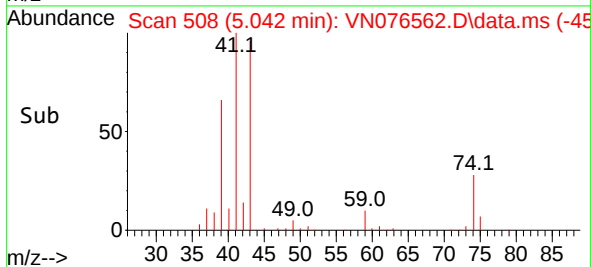
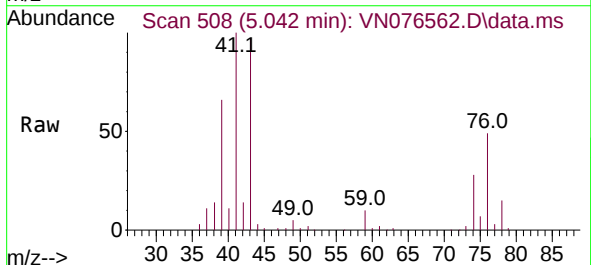
Manual Integrations
APPROVED

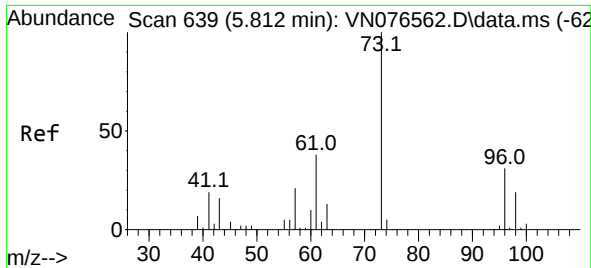
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#18
Methyl Acetate
Concen: 49.333 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Tgt Ion: 43 Resp: 361100
Ion Ratio Lower Upper
43 100
74 29.9 23.9 35.9





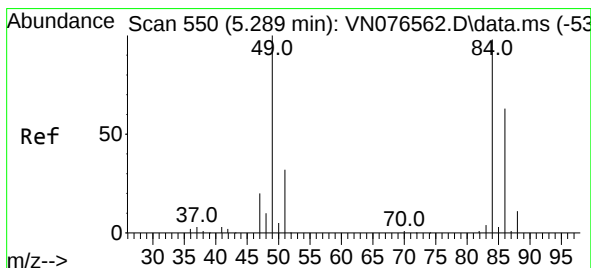
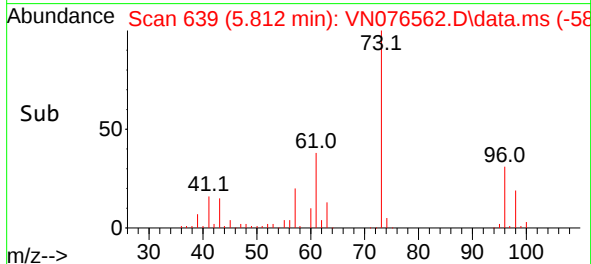
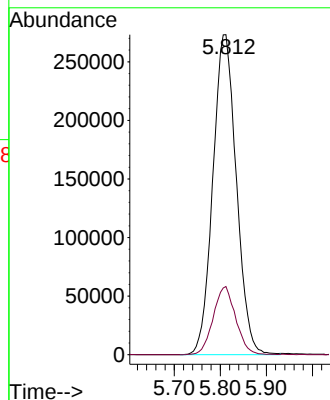
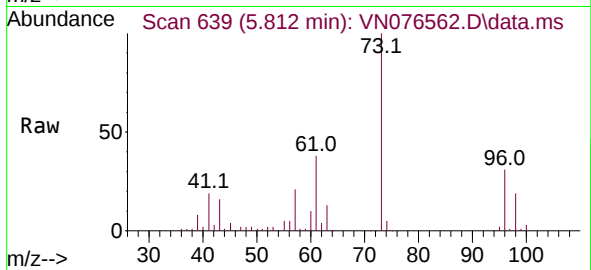
#19
Methyl tert-butyl Ether
Concen: 48.932 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 967498
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6

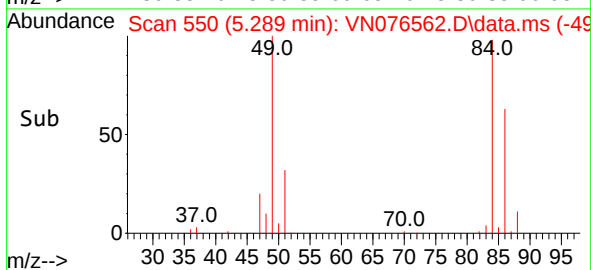
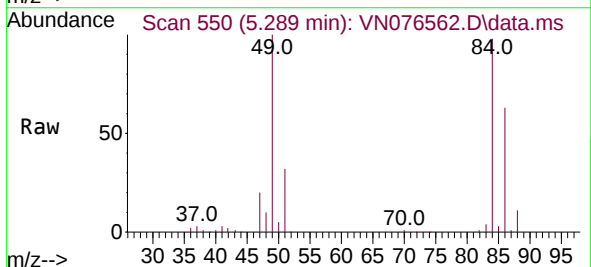
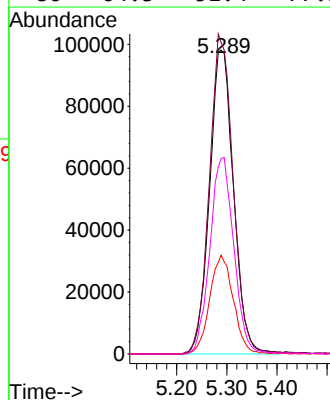
Manual Integrations
APPROVED

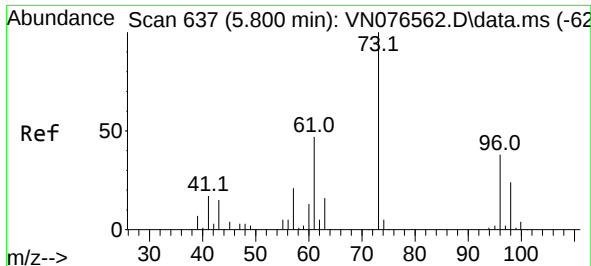
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#20
Methylene Chloride
Concen: 45.697 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

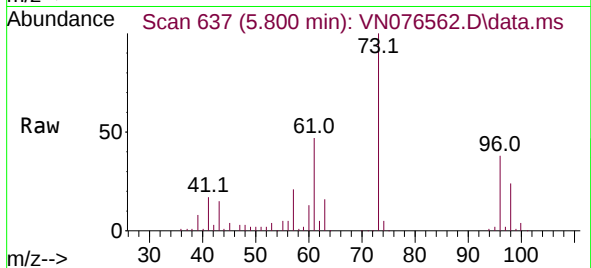
Tgt Ion: 84 Resp: 325893
Ion Ratio Lower Upper
84 100
49 102.5 82.0 123.0
51 32.5 26.0 39.0
86 64.3 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 48.304 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

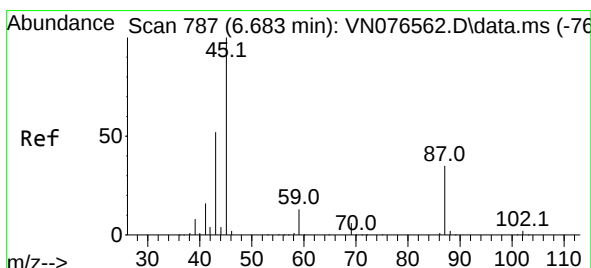
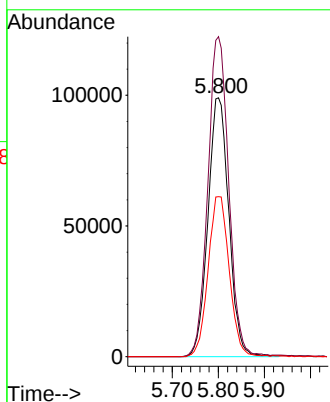
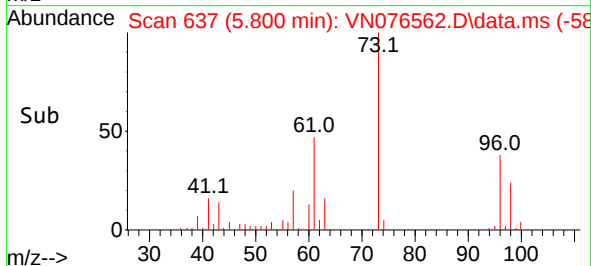
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



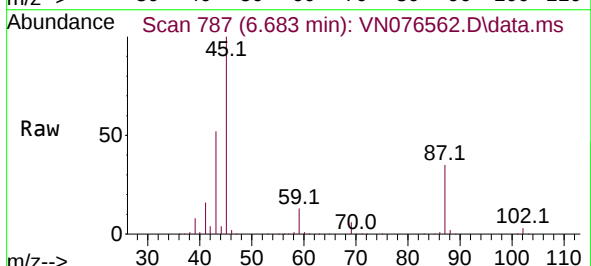
Tgt Ion: 96 Resp: 31213
Ion Ratio Lower Upper
96 100
61 123.6 98.9 148.3
98 61.8 49.4 74.2

Manual Integrations
APPROVED

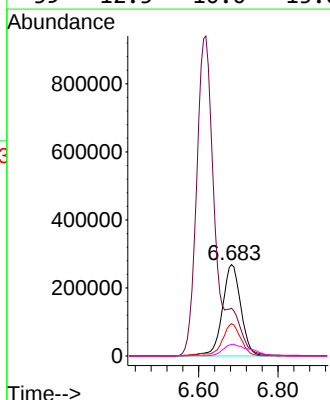
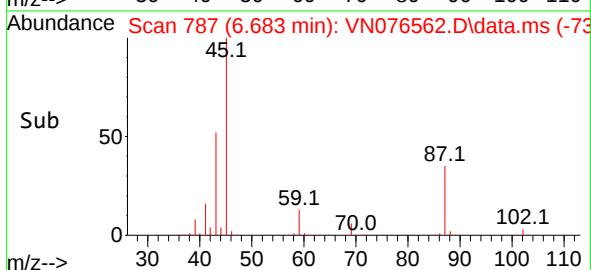
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

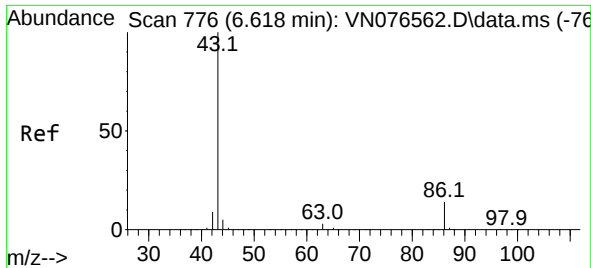


#22
Diisopropyl ether
Concen: 49.340 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19



Tgt Ion: 45 Resp: 865853
Ion Ratio Lower Upper
45 100
43 51.8 41.4 62.2
87 35.3 28.2 42.4
59 12.5 10.0 15.0





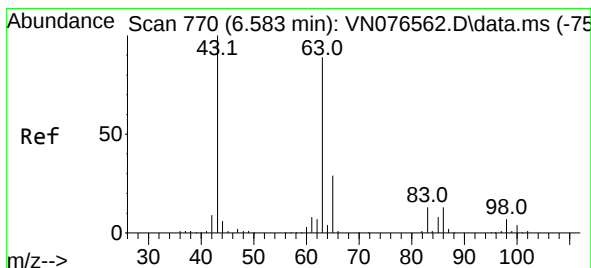
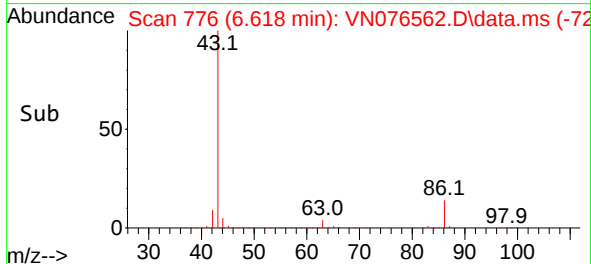
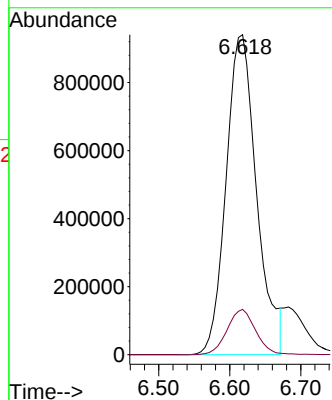
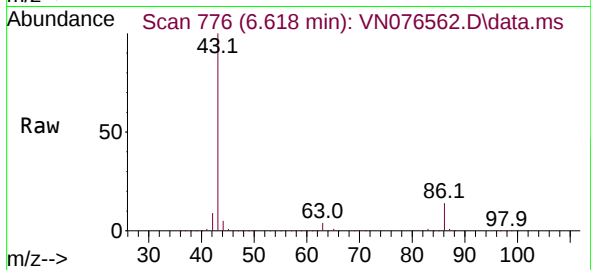
#23
 Vinyl Acetate
 Concen: 255.394 ug/l
 RT: 6.618 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VN076562.D
 Acq: 07 Feb 2023 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 2813120
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.3 16.9

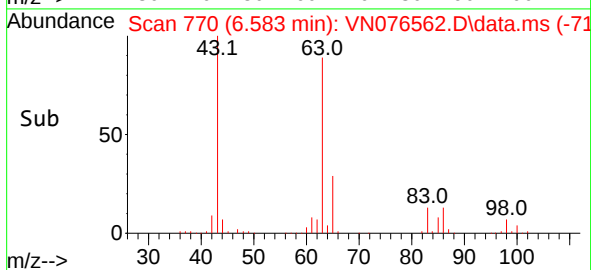
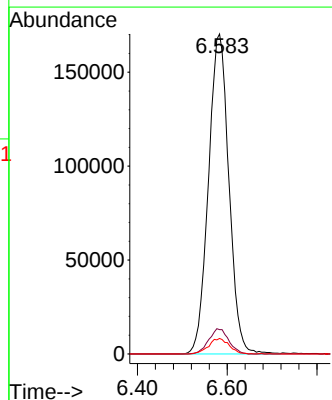
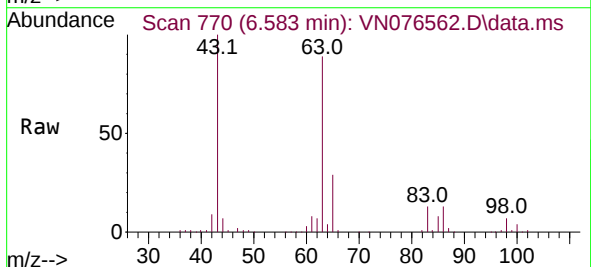
Manual Integrations
 APPROVED

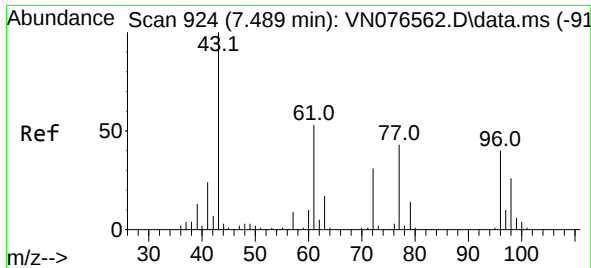
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#24
 1,1-Dichloroethane
 Concen: 47.777 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VN076562.D
 Acq: 07 Feb 2023 13:19

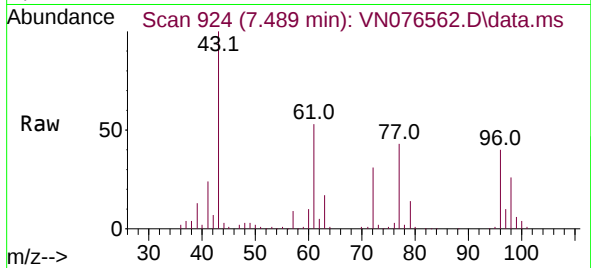
Tgt Ion: 63 Resp: 538379
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 4.9 2.5 7.4





#25
2-Butanone
Concen: 244.807 ug/l
RT: 7.489 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

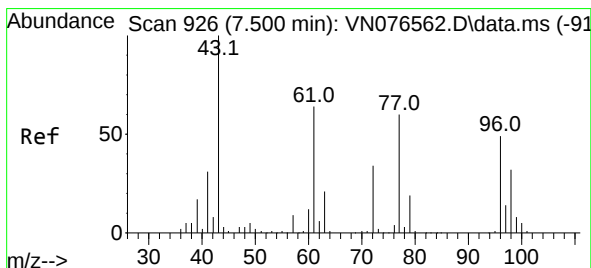
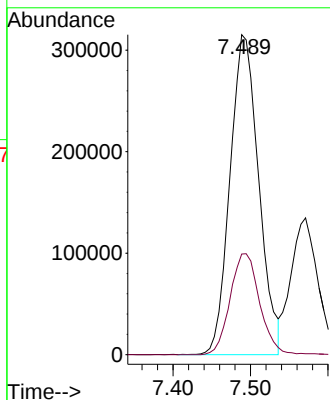
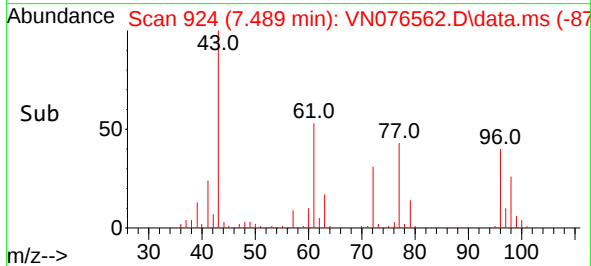
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



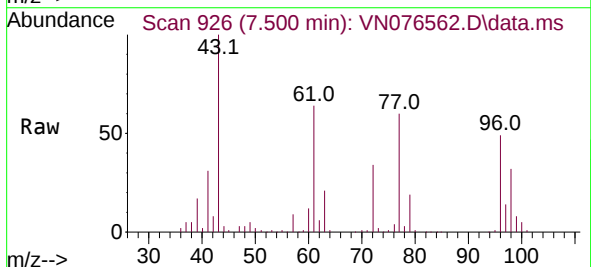
Tgt Ion: 43 Resp: 81406
Ion Ratio Lower Upper
43 100
72 31.4 25.1 37.7

Manual Integrations
APPROVED

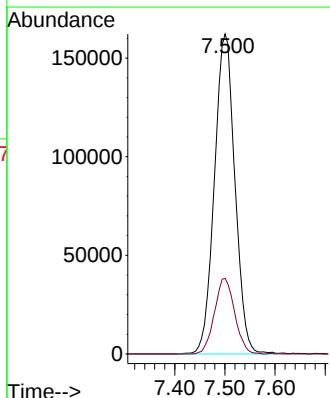
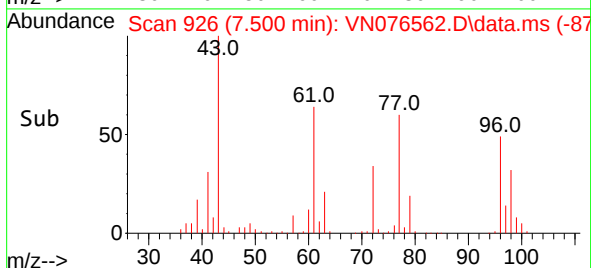
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

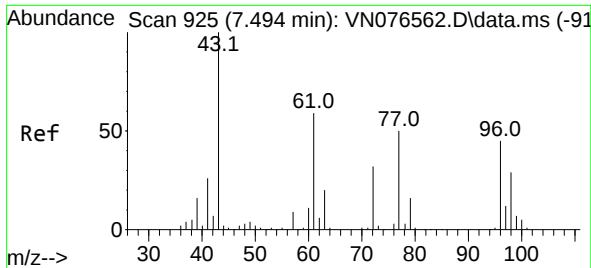


#26
2,2-Dichloropropane
Concen: 49.062 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19



Tgt Ion: 77 Resp: 461501
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 48.270 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076562.D

Acq: 07 Feb 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 36476

Ion Ratio Lower Upper

96 100

61 131.1 0.0 262.2

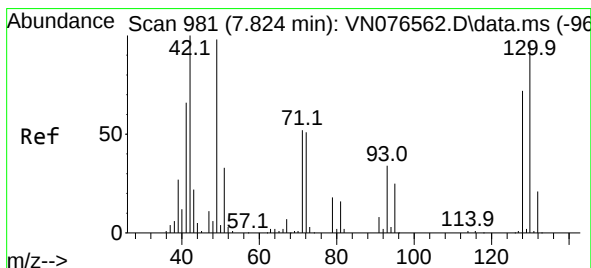
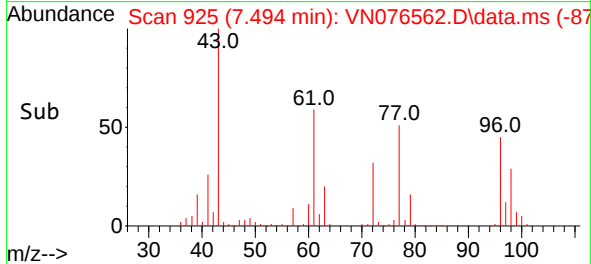
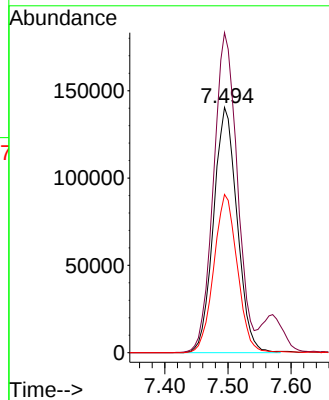
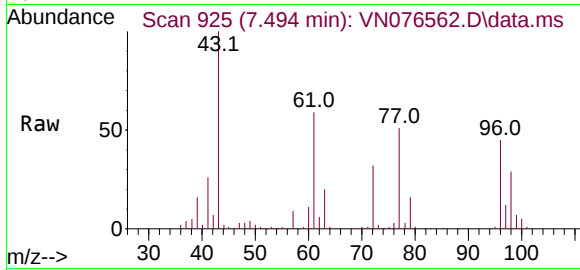
98 64.3 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#28

Bromochloromethane

Concen: 49.160 ug/l

RT: 7.824 min Scan# 981

Delta R.T. 0.000 min

Lab File: VN076562.D

Acq: 07 Feb 2023 13:19

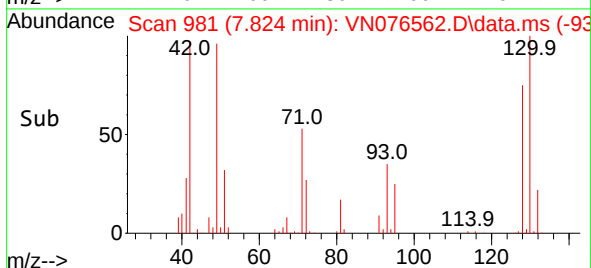
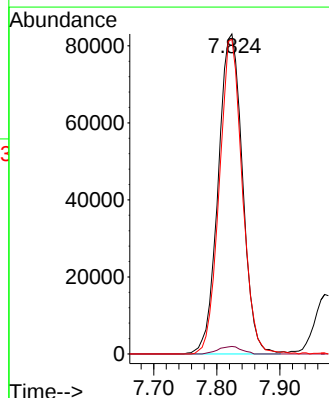
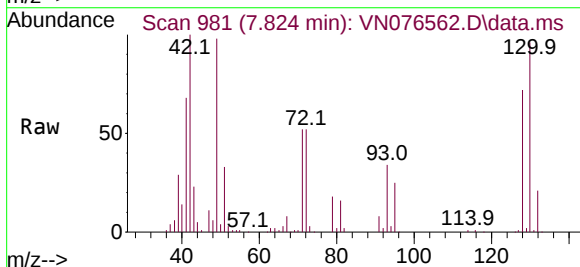
Tgt Ion: 49 Resp: 221961

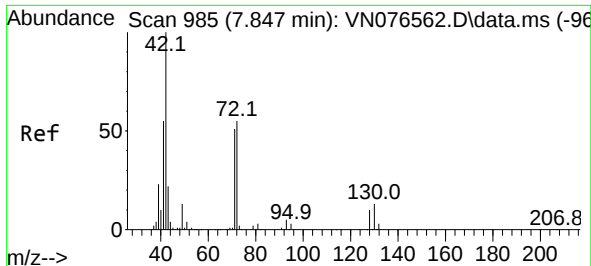
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

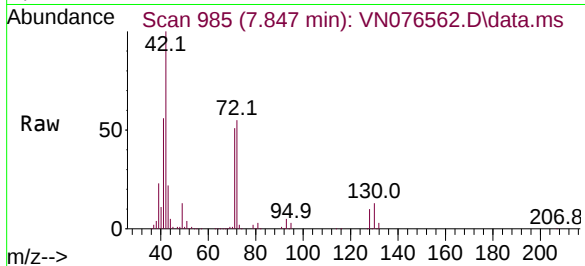
130 92.9 74.3 111.5





#29
Tetrahydrofuran
Concen: 248.778 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

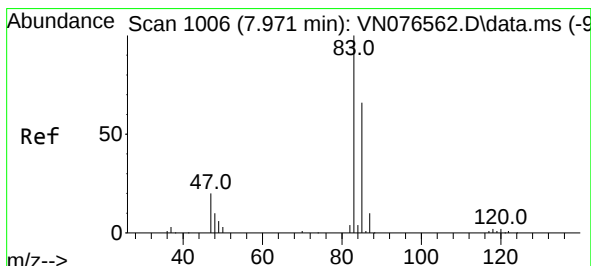
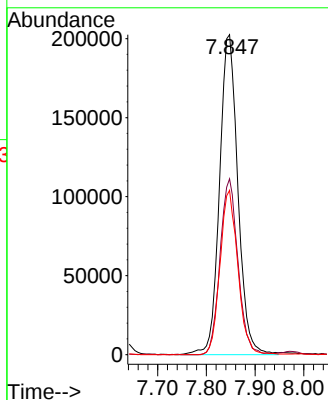
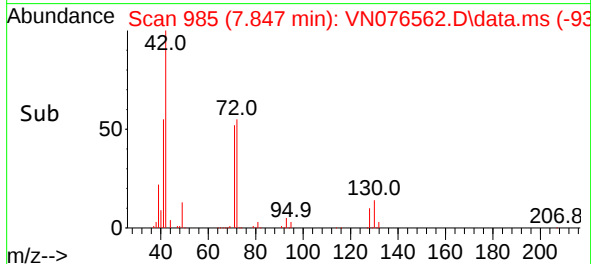
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 42 Resp: 531679
Ion Ratio Lower Upper
42 100
72 53.6 42.9 64.3
71 49.9 39.9 59.9

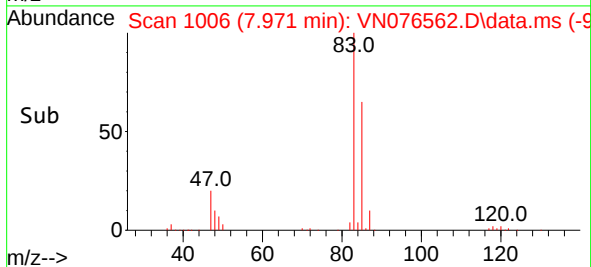
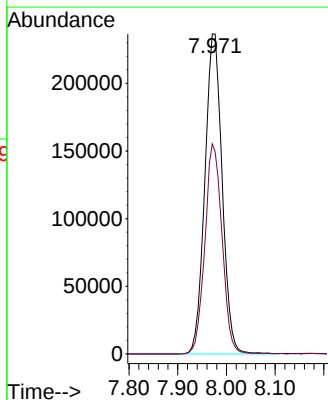
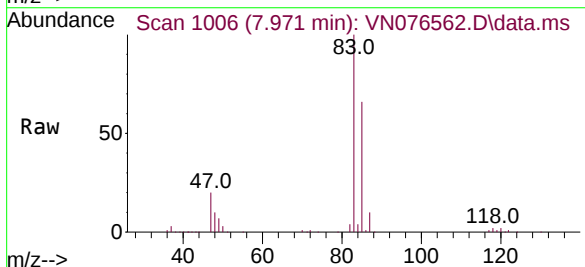
Manual Integrations
APPROVED

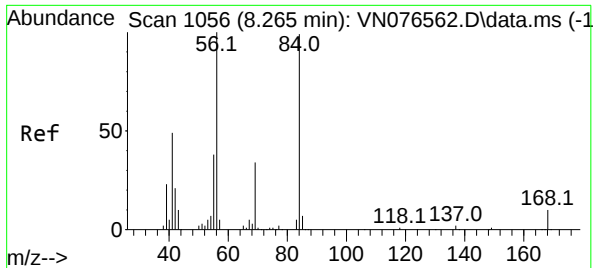
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#30
Chloroform
Concen: 47.636 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

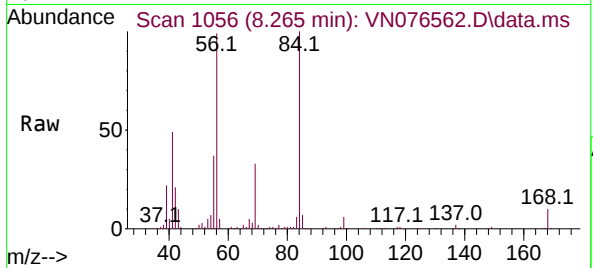
Tgt Ion: 83 Resp: 582323
Ion Ratio Lower Upper
83 100
85 65.6 52.5 78.7





#31
Cyclohexane
Concen: 45.903 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

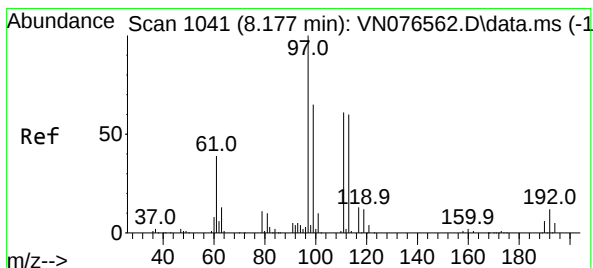
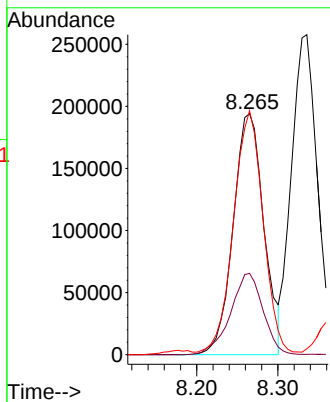
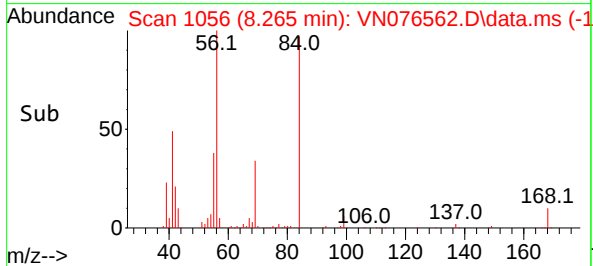
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



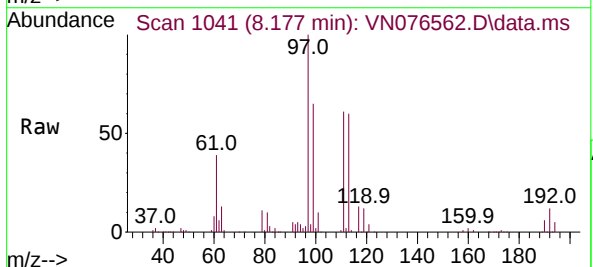
Tgt Ion: 56 Resp: 509086
Ion Ratio Lower Upper
56 100
69 33.7 27.0 40.4
84 99.4 79.5 119.3

Manual Integrations
APPROVED

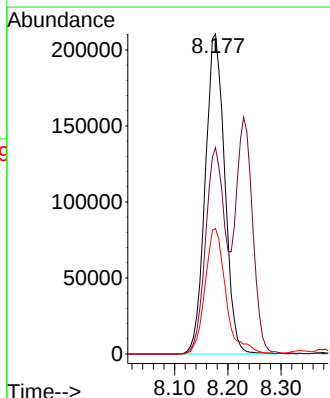
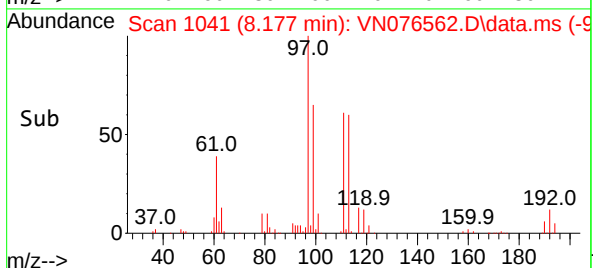
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

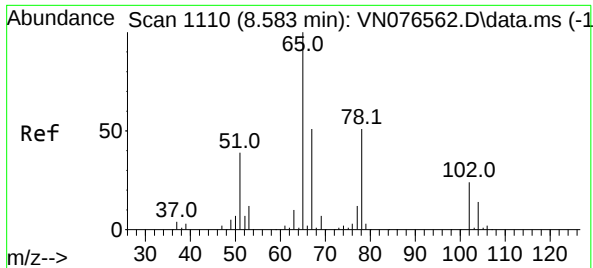


#32
1,1,1-Trichloroethane
Concen: 48.715 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19



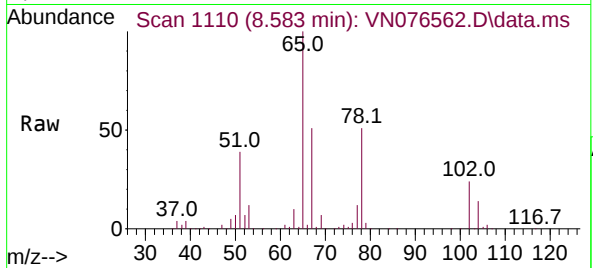
Tgt Ion: 97 Resp: 533617
Ion Ratio Lower Upper
97 100
99 66.9 53.5 80.3
61 42.0 33.6 50.4





#33
1,2-Dichloroethane-d4
Concen: 49.156 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

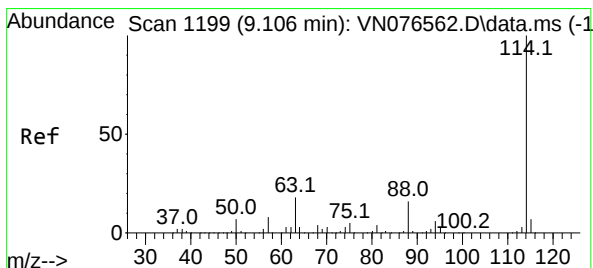
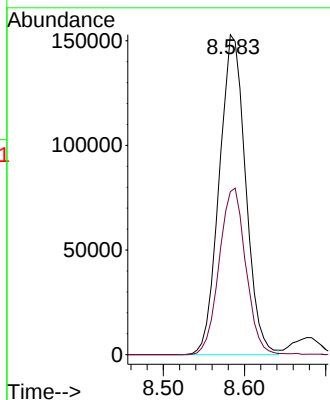
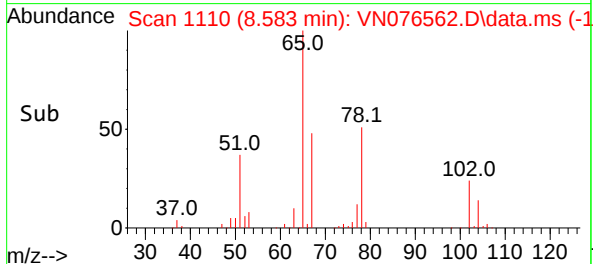
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



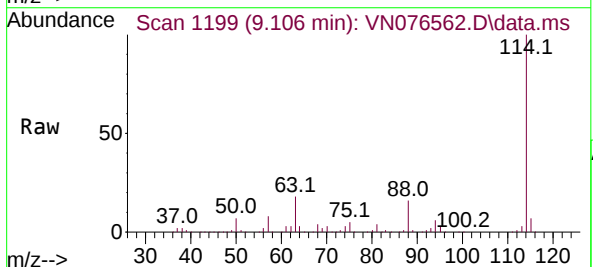
Tgt Ion: 65 Resp: 34492
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

Manual Integrations
APPROVED

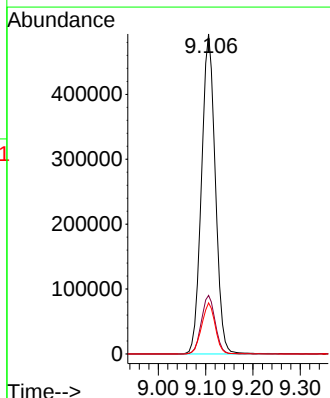
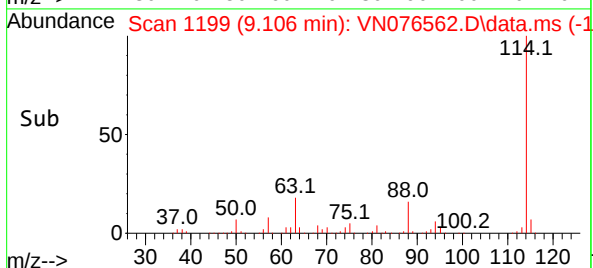
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

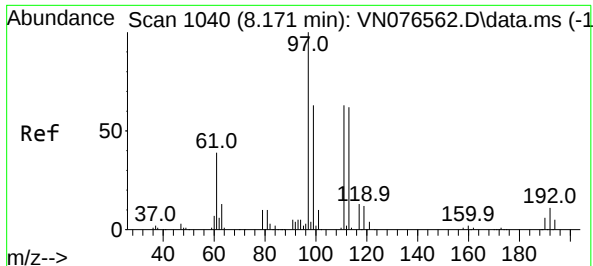


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19



Tgt Ion:114 Resp: 999219
Ion Ratio Lower Upper
114 100
63 18.3 0.0 36.6
88 16.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.591 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076562.D

Acq: 07 Feb 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 308034

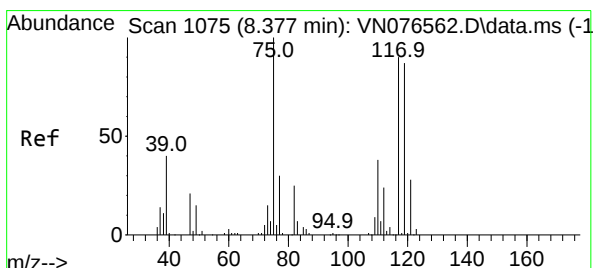
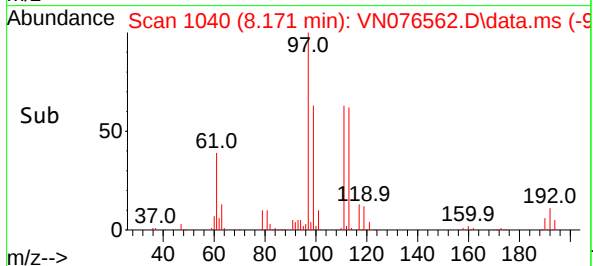
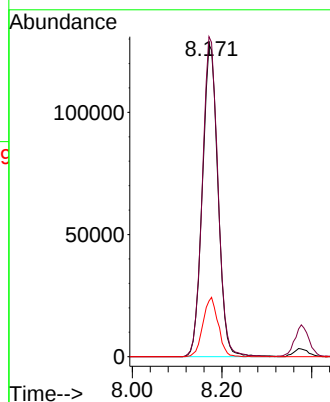
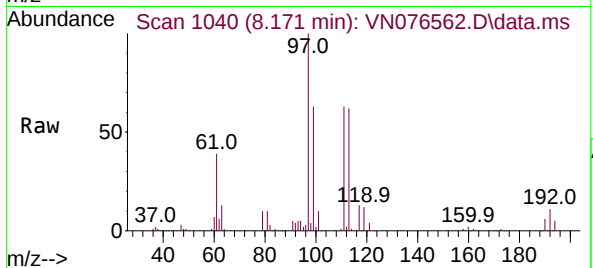
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	18.5	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#36

1,1-Dichloropropene

Concen: 48.835 ug/l

RT: 8.377 min Scan# 1075

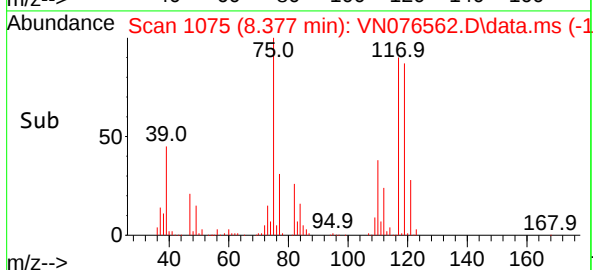
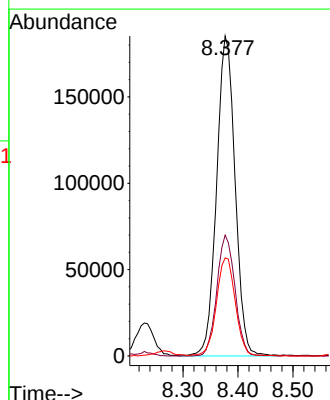
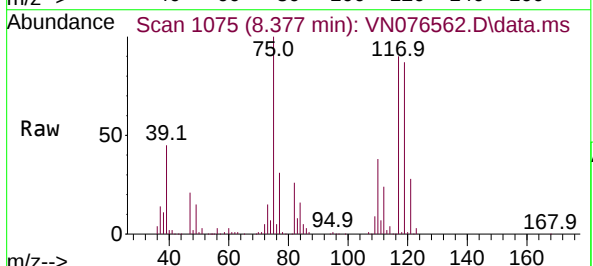
Delta R.T. 0.000 min

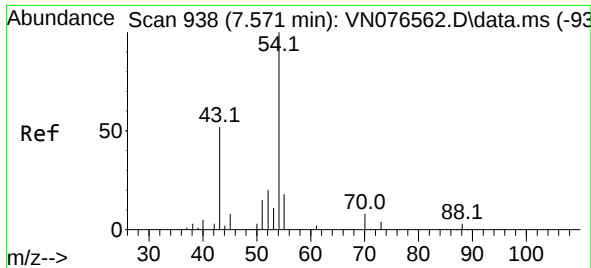
Lab File: VN076562.D

Acq: 07 Feb 2023 13:19

Tgt Ion: 75 Resp: 433098

Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.6	55.6
77	31.4	25.1	37.7





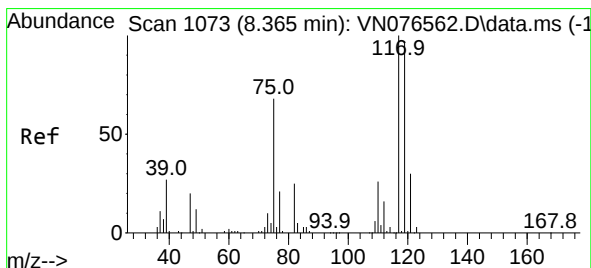
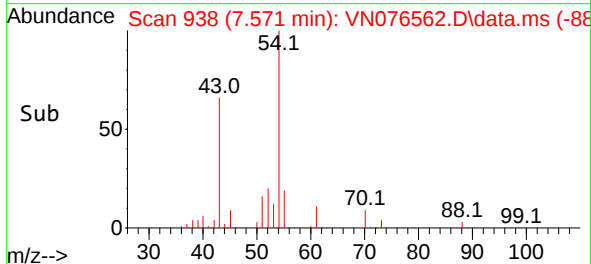
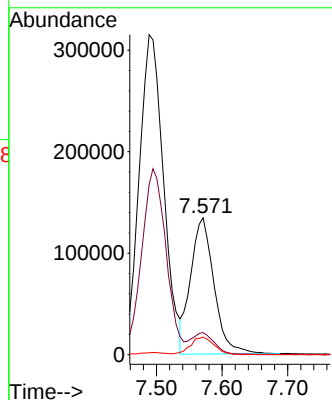
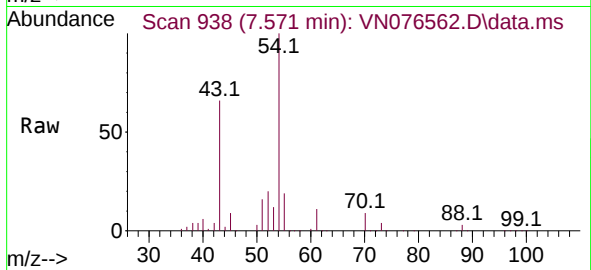
#37
Ethyl Acetate
Concen: 49.503 ug/l
RT: 7.571 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 33417
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.6
70 13.0 10.4 15.6

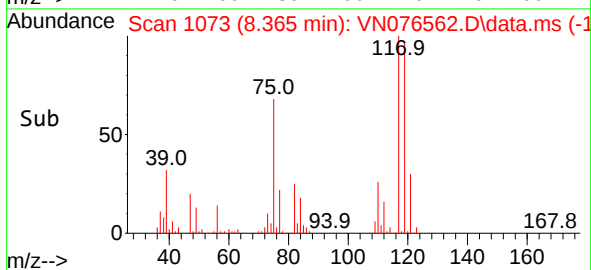
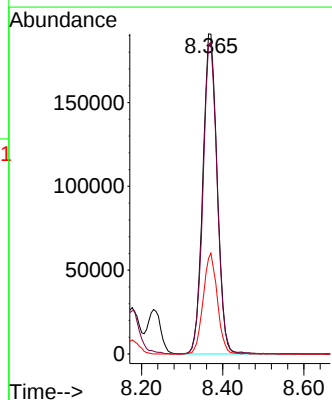
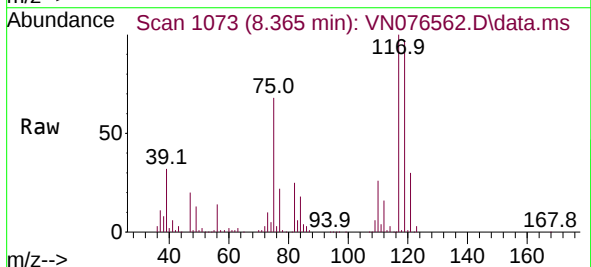
Manual Integrations
APPROVED

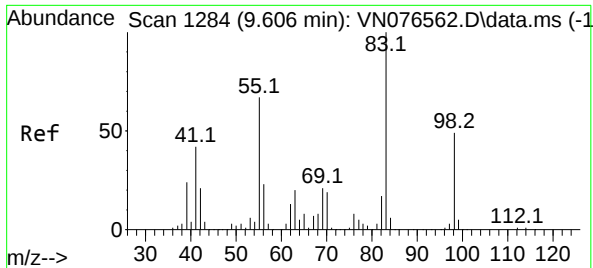
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#38
Carbon Tetrachloride
Concen: 49.182 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

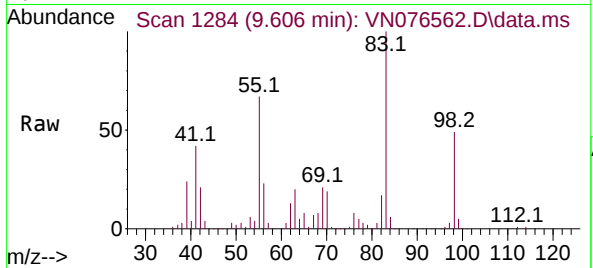
Tgt Ion:117 Resp: 468968
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8
121 29.9 23.9 35.9





#39
Methylcyclohexane
Concen: 50.869 ug/l
RT: 9.606 min Scan# 11284
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

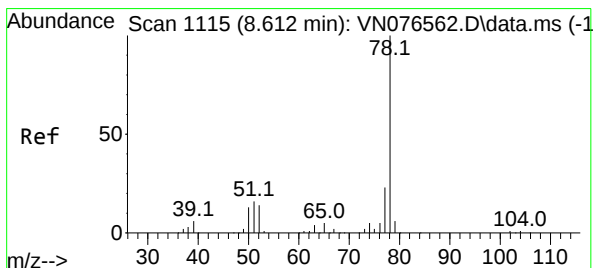
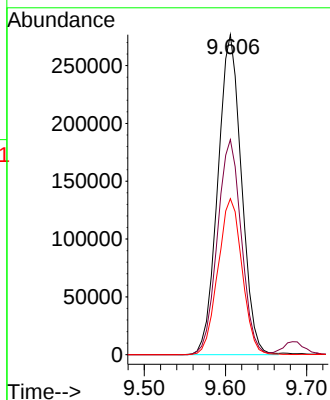
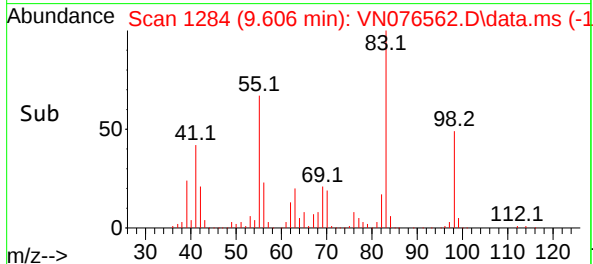
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 560259
Ion Ratio Lower Upper
83 100
55 67.2 53.8 80.6
98 48.8 39.0 58.6

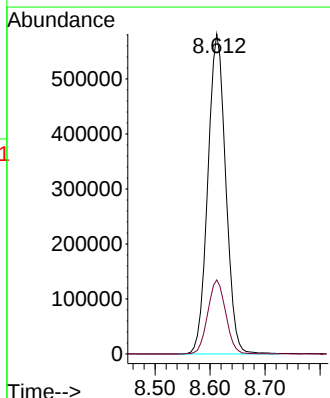
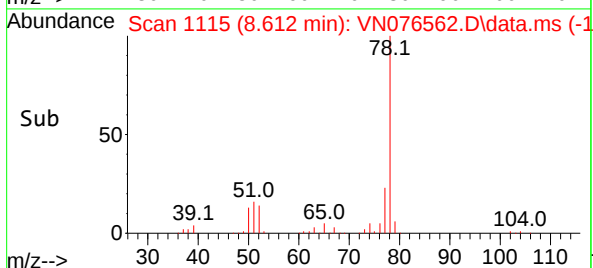
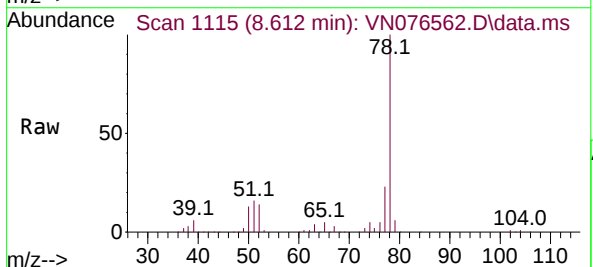
Manual Integrations
APPROVED

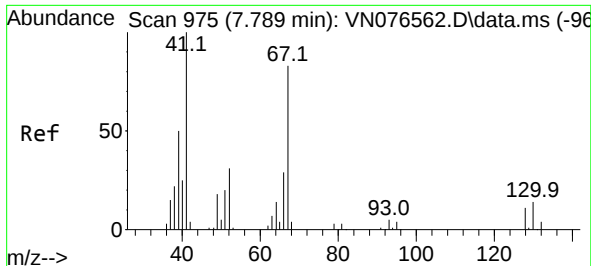
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#40
Benzene
Concen: 48.897 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Tgt Ion: 78 Resp: 1314515
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8





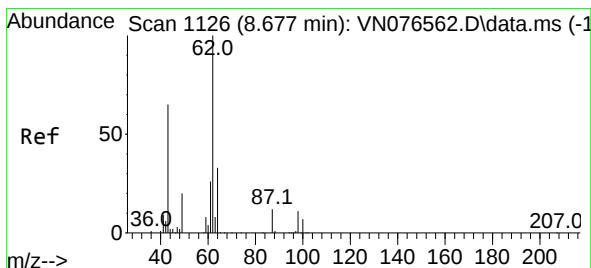
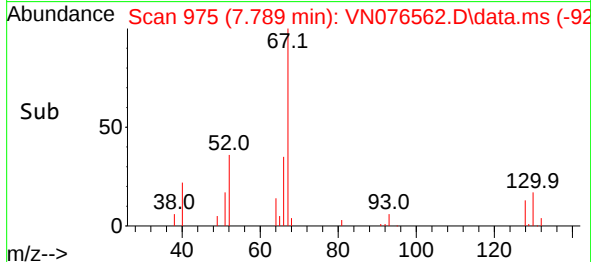
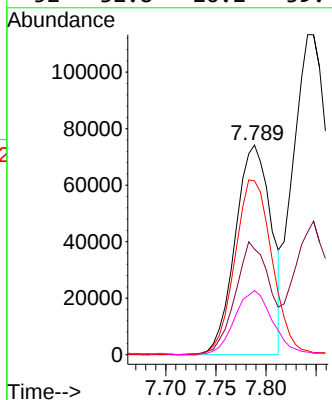
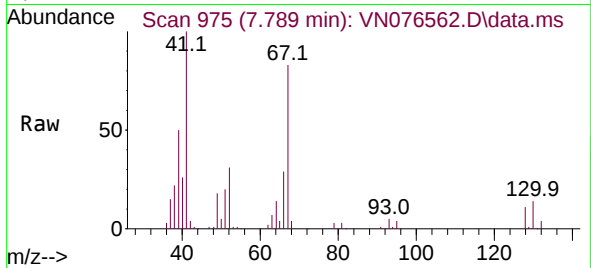
#41
Methacrylonitrile
Concen: 49.197 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 185086
Ion Ratio Lower Upper
41 100
39 51.6 41.3 61.9
67 87.0 69.6 104.4
52 32.8 26.2 39.4

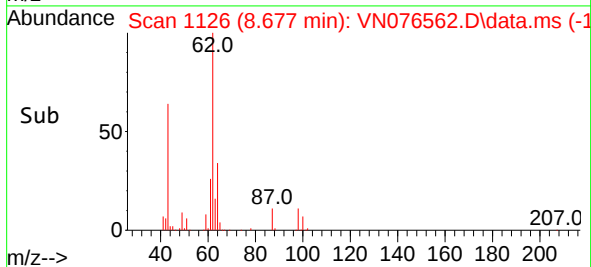
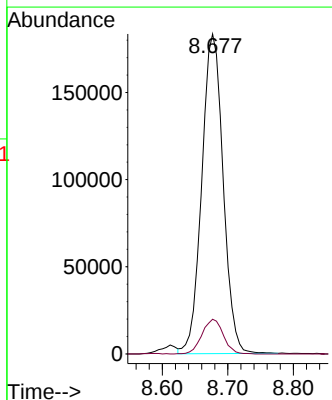
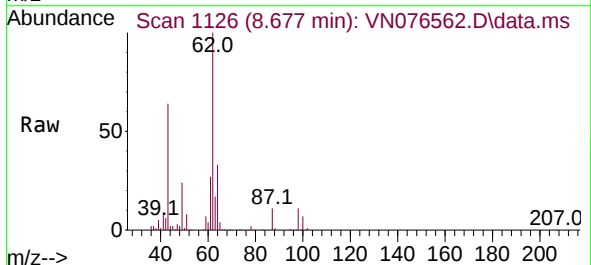
Manual Integrations
APPROVED

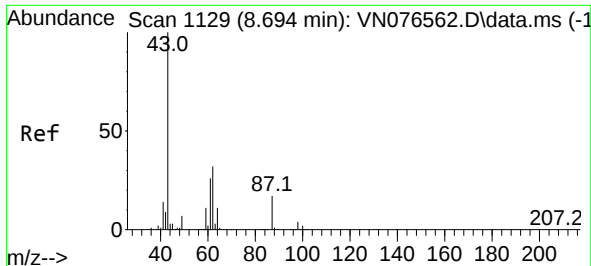
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#42
1,2-Dichloroethane
Concen: 47.537 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Tgt Ion: 62 Resp: 416079
Ion Ratio Lower Upper
62 100
98 10.8 0.0 21.6





#43

Isopropyl Acetate

Concen: 50.431 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076562.D

Acq: 07 Feb 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

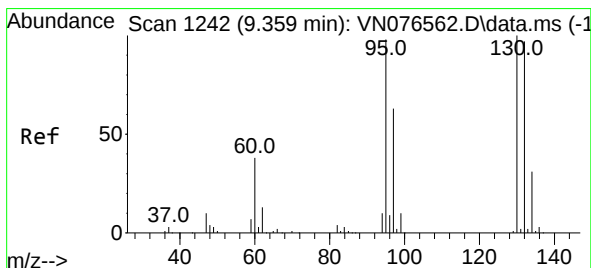
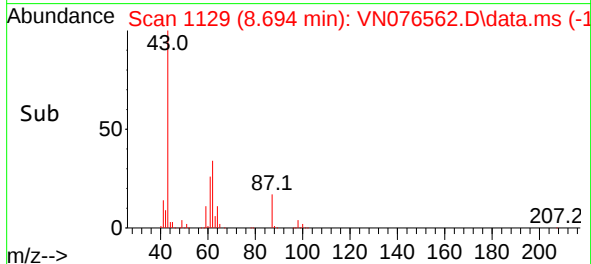
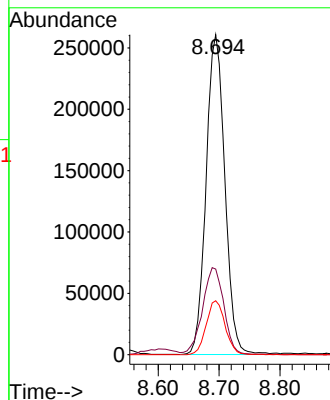
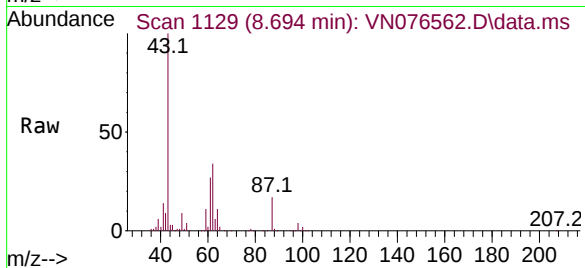
Tgt Ion:	43	Resp:	55757
Ion Ratio	Lower	Upper	
43	100		
61	30.6	24.5	36.7
87	17.0	13.6	20.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#44

Trichloroethene

Concen: 47.842 ug/l

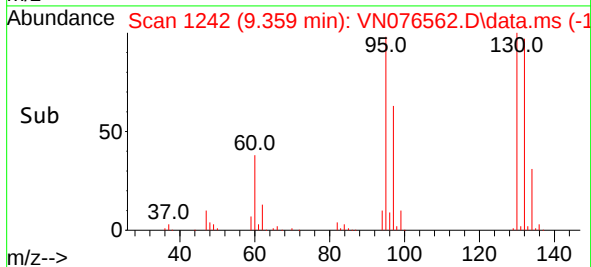
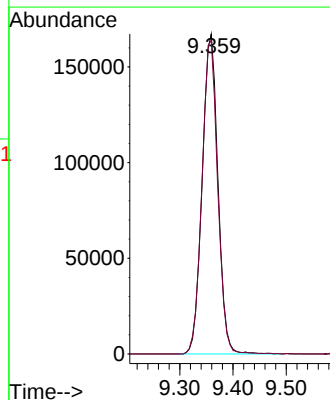
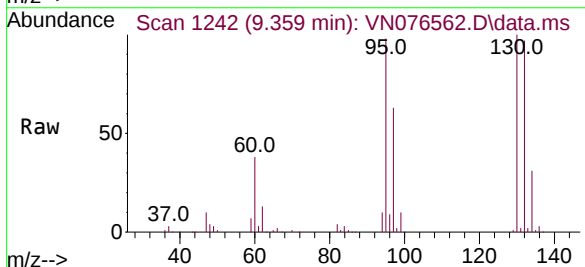
RT: 9.359 min Scan# 1242

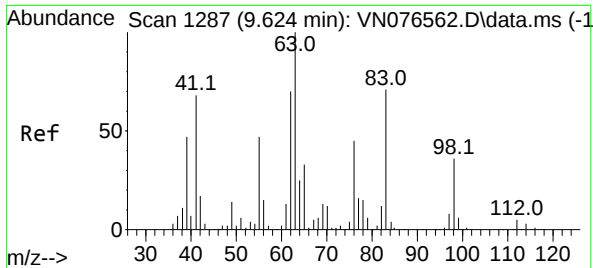
Delta R.T. 0.000 min

Lab File: VN076562.D

Acq: 07 Feb 2023 13:19

Tgt Ion:	130	Resp:	343456
Ion Ratio	Lower	Upper	
130	100		
95	98.0	0.0	196.0





#45

1,2-Dichloropropane

Concen: 49.214 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN076562.D

Acq: 07 Feb 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 31776

Ion Ratio Lower Upper

63 100

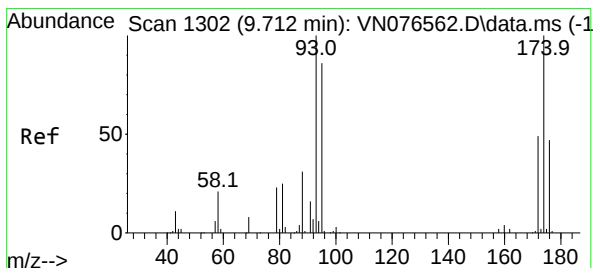
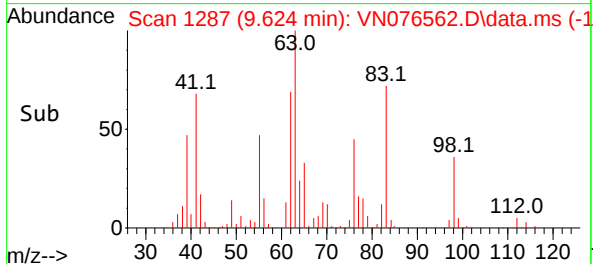
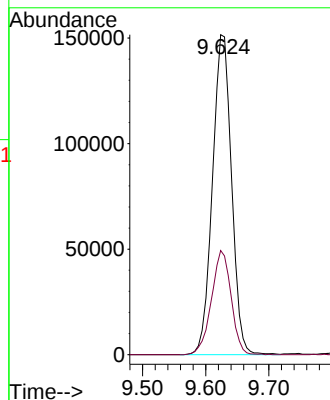
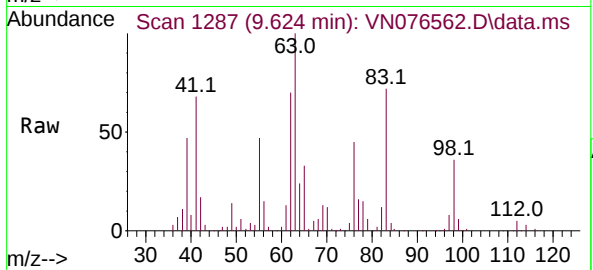
65 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#46

Dibromomethane

Concen: 47.067 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN076562.D

Acq: 07 Feb 2023 13:19

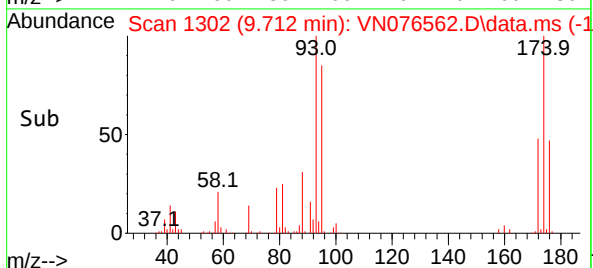
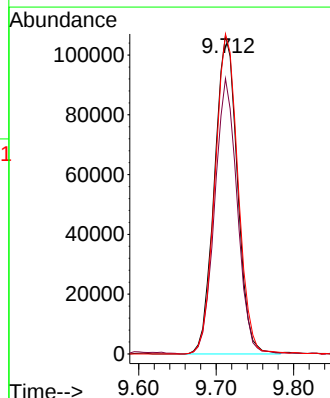
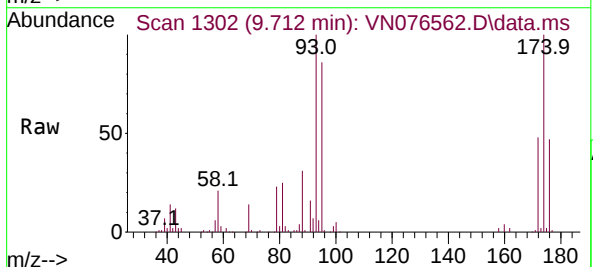
Tgt Ion: 93 Resp: 219225

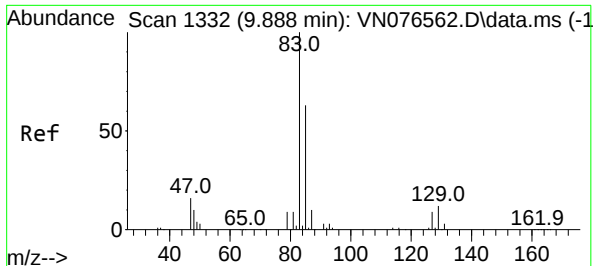
Ion Ratio Lower Upper

93 100

95 85.0 68.0 102.0

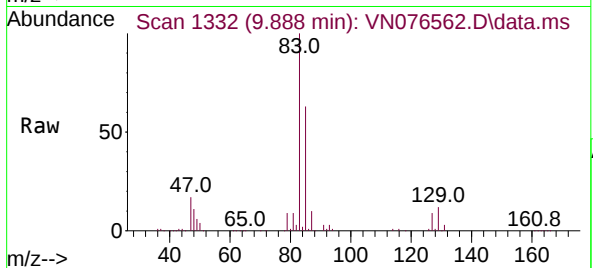
174 101.1 80.9 121.3





#47
Bromodichloromethane
Concen: 49.078 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

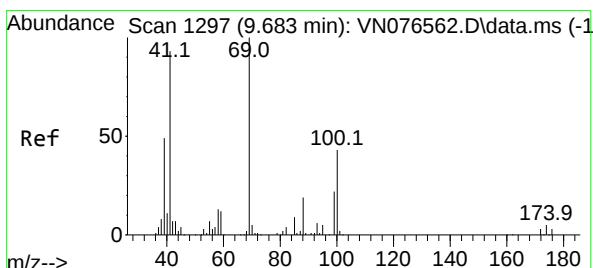
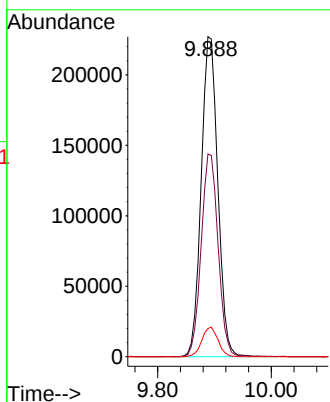
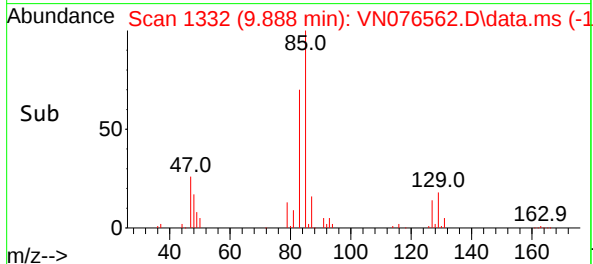
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 459679
Ion Ratio Lower Upper
83 100
85 63.4 50.7 76.1
127 8.8 7.0 10.6

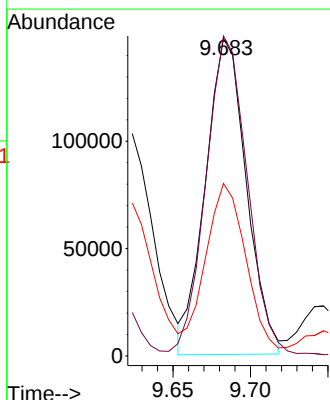
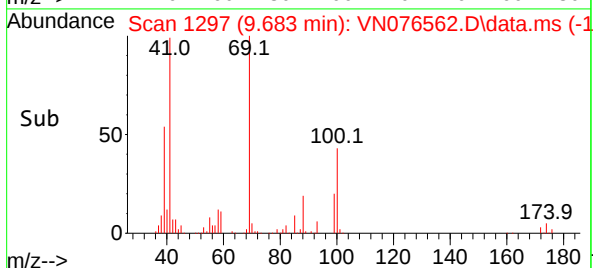
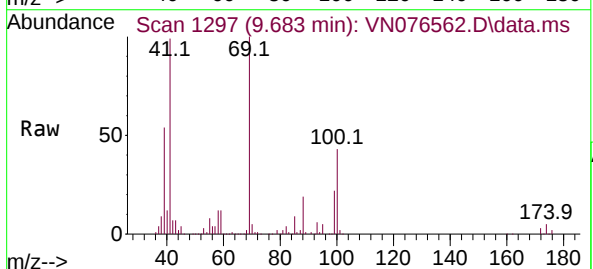
Manual Integrations
APPROVED

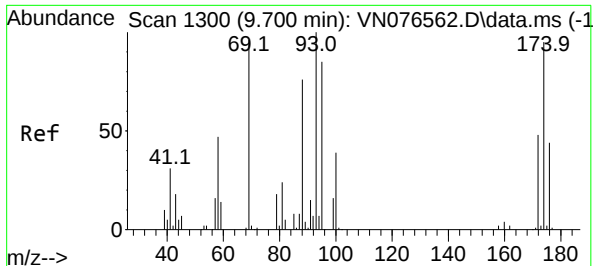
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#48
Methyl methacrylate
Concen: 49.759 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Tgt Ion: 41 Resp: 270561
Ion Ratio Lower Upper
41 100
69 103.7 83.0 124.4
39 54.8 43.8 65.8





#49

1,4-Dioxane

Concen: 993.755 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076562.D

Acq: 07 Feb 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 115589

Ion Ratio Lower Upper

88 100

43 20.9 16.7 25.1

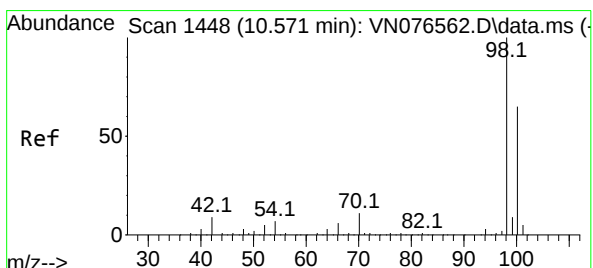
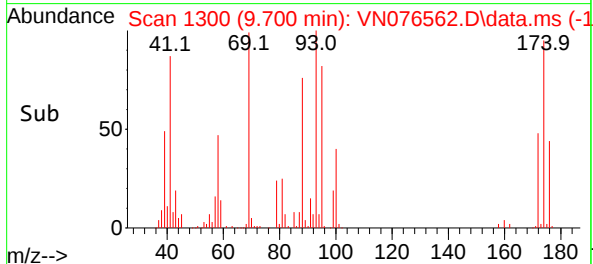
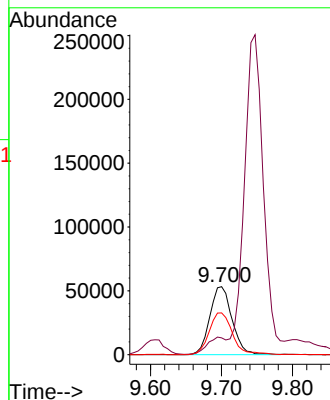
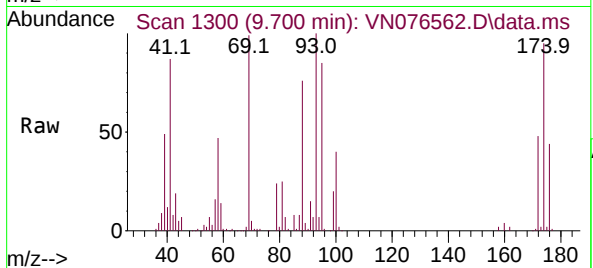
58 64.6 51.7 77.5

Manual Integrations

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Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#50

Toluene-d8

Concen: 50.803 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076562.D

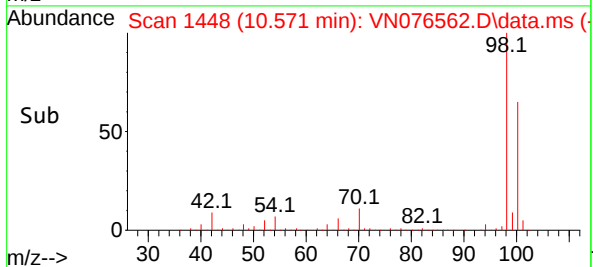
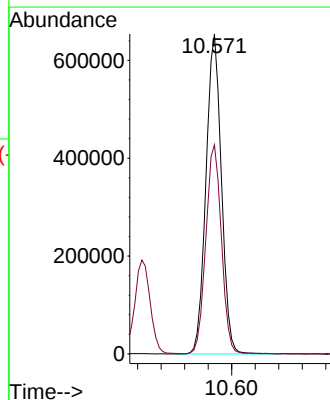
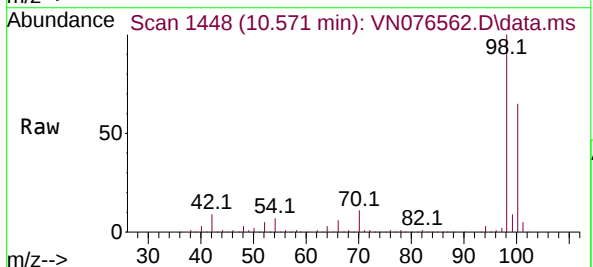
Acq: 07 Feb 2023 13:19

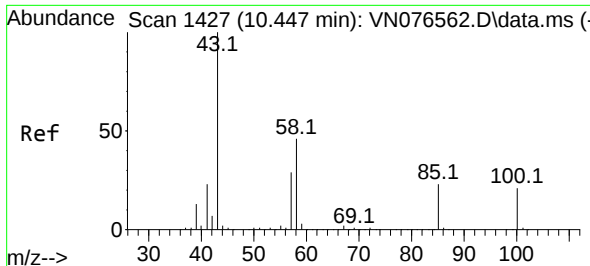
Tgt Ion: 98 Resp: 1187144

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3





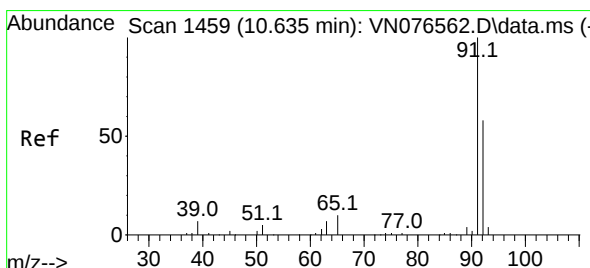
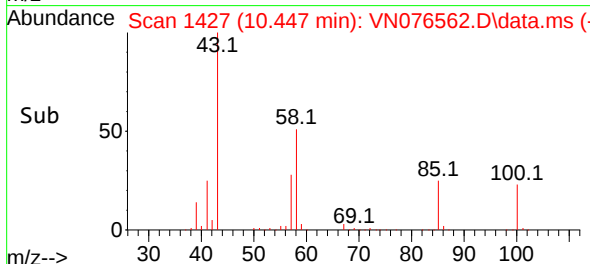
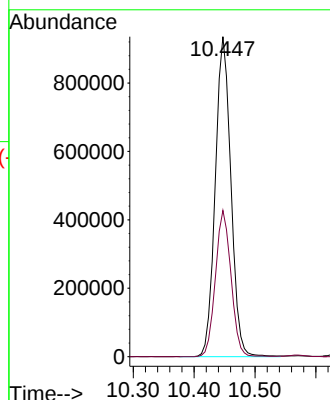
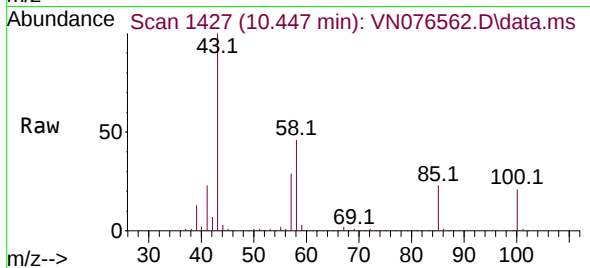
#51
4-Methyl-2-Pentanone
Concen: 250.950 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 166751
Ion Ratio Lower Upper
43 100
58 45.5 36.4 54.6

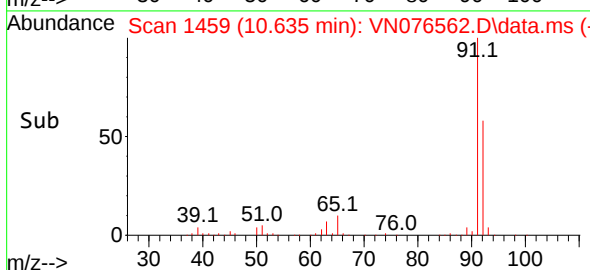
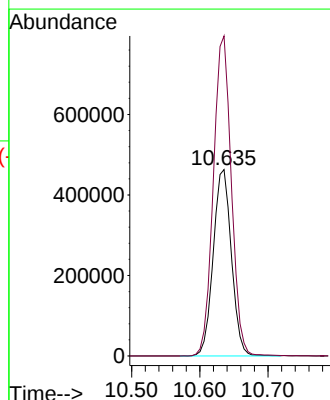
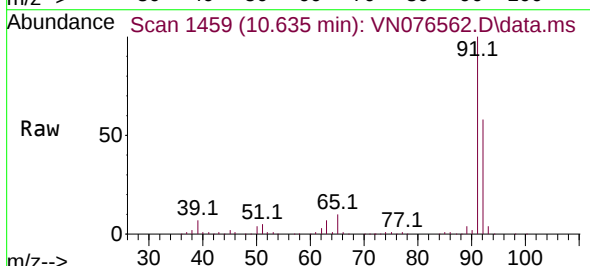
Manual Integrations
APPROVED

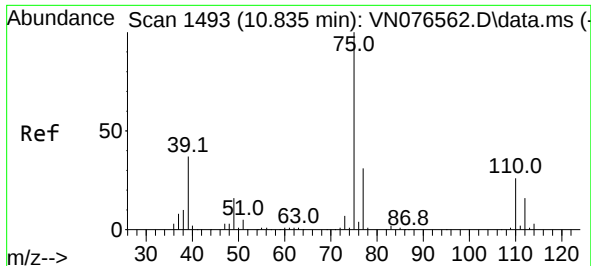
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#52
Toluene
Concen: 49.480 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

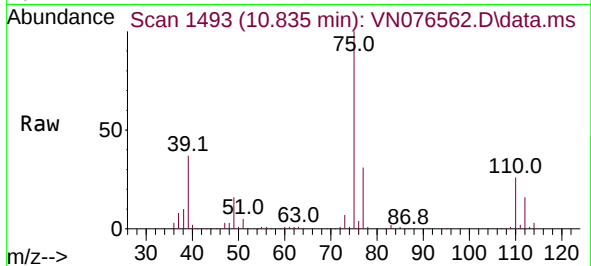
Tgt Ion: 92 Resp: 858442
Ion Ratio Lower Upper
92 100
91 170.4 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 52.497 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

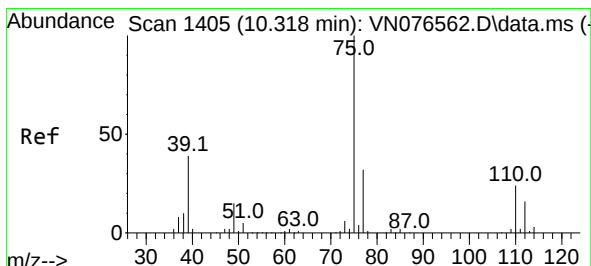
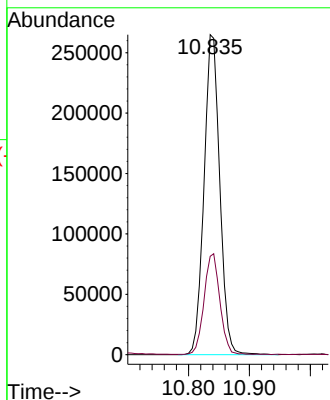
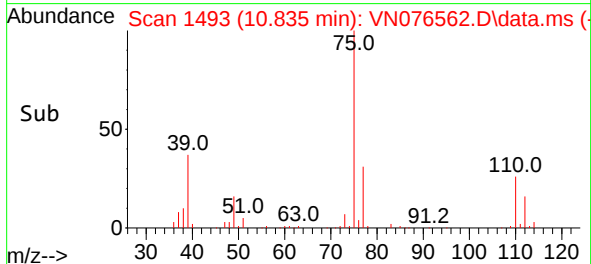
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



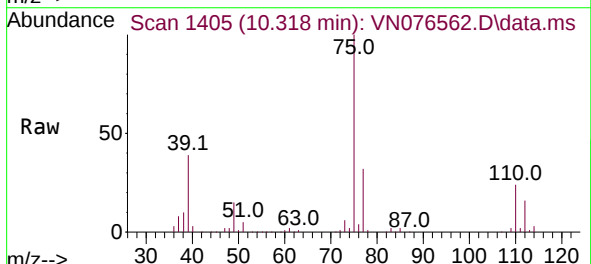
Tgt Ion: 75 Resp: 475093
Ion Ratio Lower Upper
75 100
77 30.6 24.5 36.7

Manual Integrations
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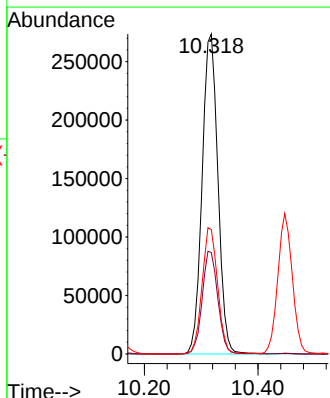
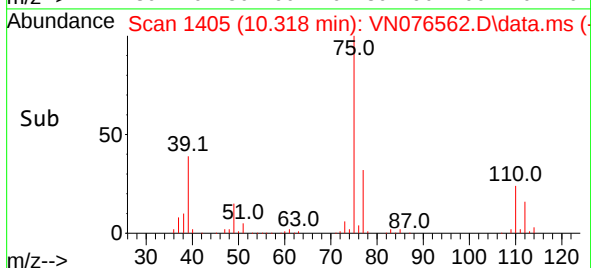
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

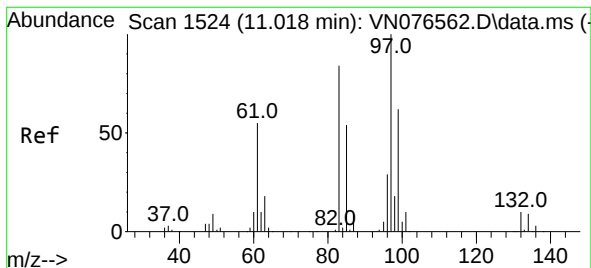


#54
cis-1,3-Dichloropropene
Concen: 51.041 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19



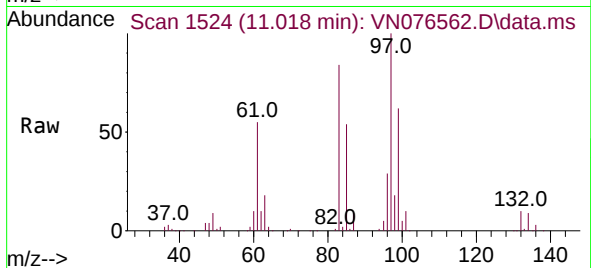
Tgt Ion: 75 Resp: 526741
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 38.9 31.1 46.7





#55
1,1,2-Trichloroethane
Concen: 47.959 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

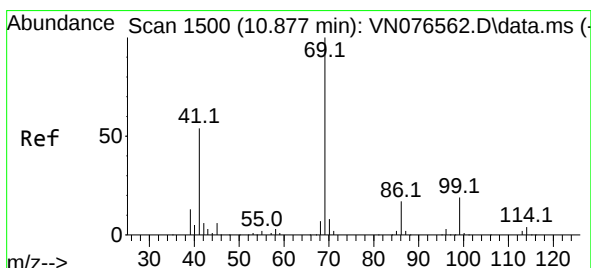
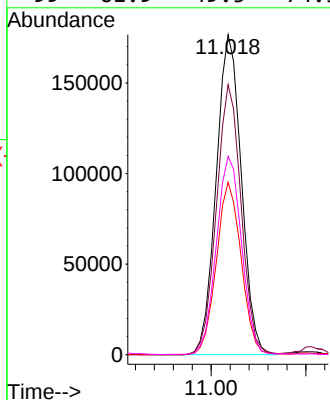
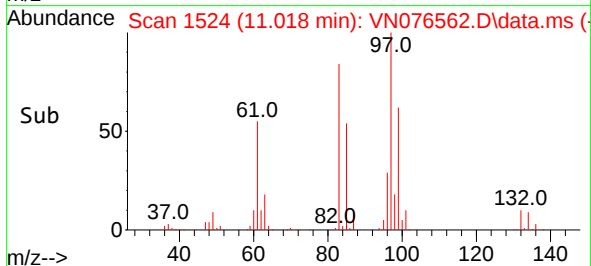
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 97 Resp: 325889
Ion Ratio Lower Upper
97 100
83 84.4 67.5 101.3
85 53.8 43.0 64.6
99 61.9 49.5 74.3

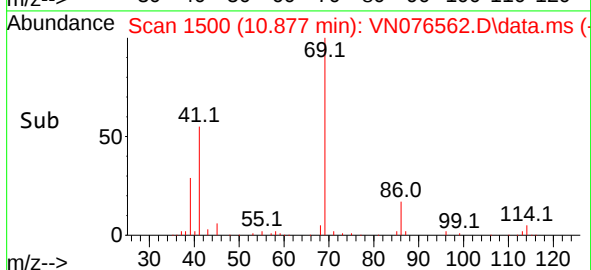
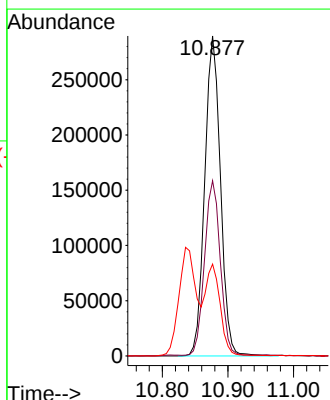
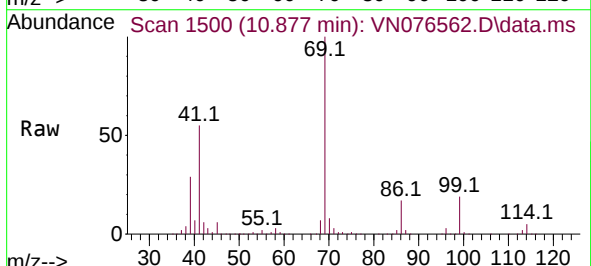
Manual Integrations
APPROVED

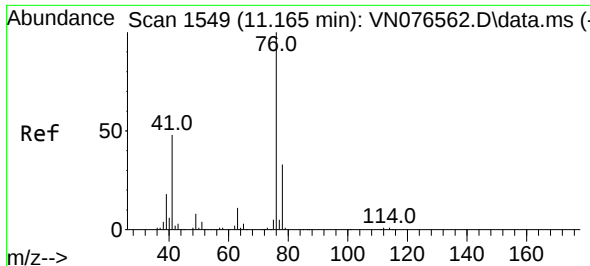
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#56
Ethyl methacrylate
Concen: 53.245 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Tgt Ion: 69 Resp: 484232
Ion Ratio Lower Upper
69 100
41 54.4 43.5 65.3
39 26.6 21.3 31.9





#57

1,3-Dichloropropane

Concen: 48.702 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN076562.D

Acq: 07 Feb 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 53568

Ion Ratio Lower Upper

76 100

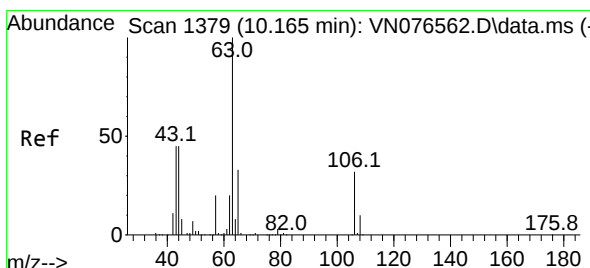
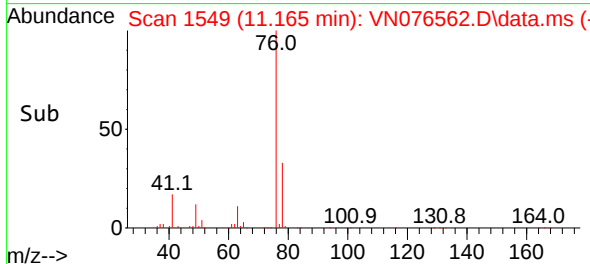
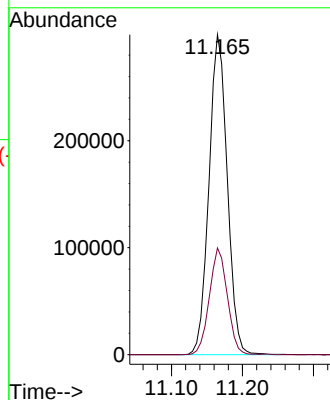
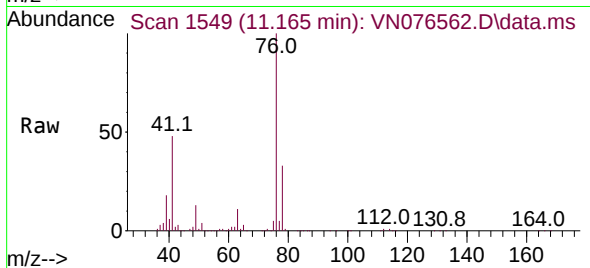
78 32.8 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 280.584 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076562.D

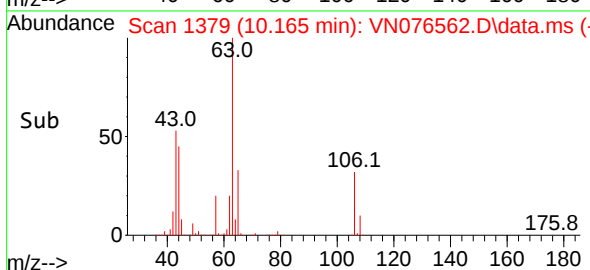
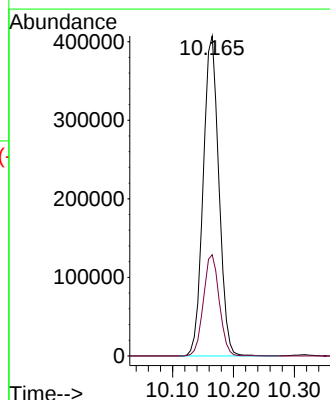
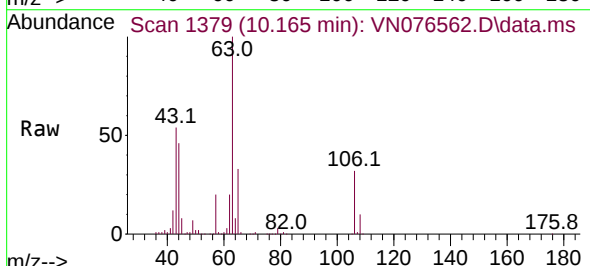
Acq: 07 Feb 2023 13:19

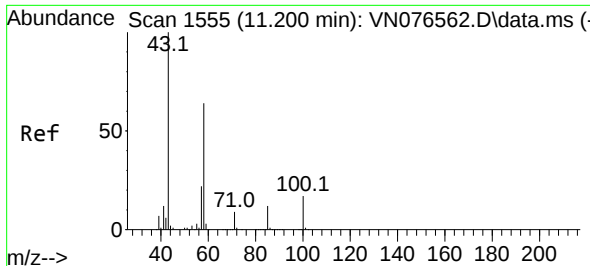
Tgt Ion: 63 Resp: 729216

Ion Ratio Lower Upper

63 100

106 32.0 25.6 38.4





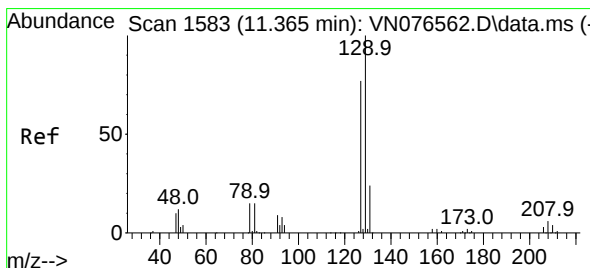
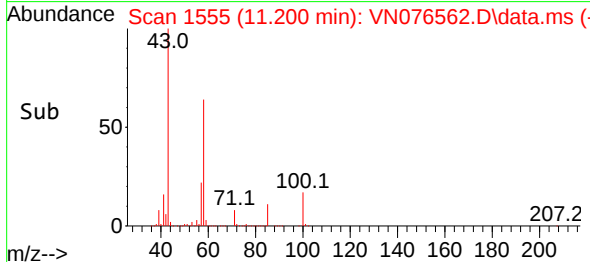
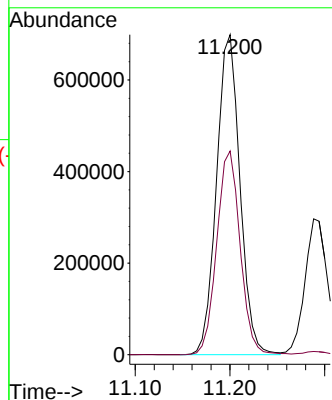
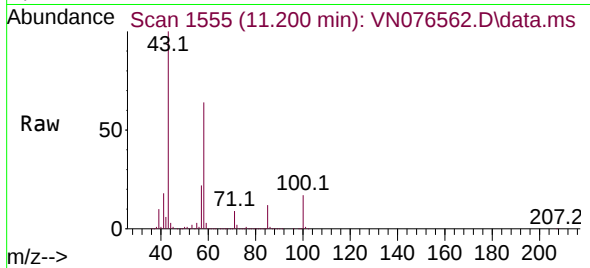
#59
2-Hexanone
Concen: 253.421 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 120050
Ion Ratio Lower Upper
43 100
58 63.6 31.8 95.4

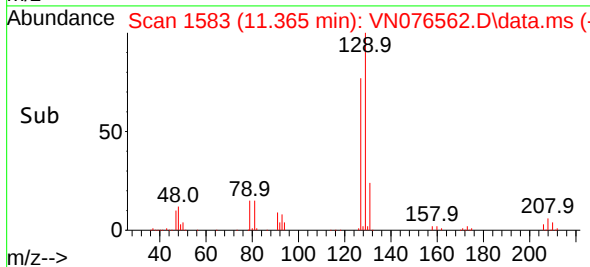
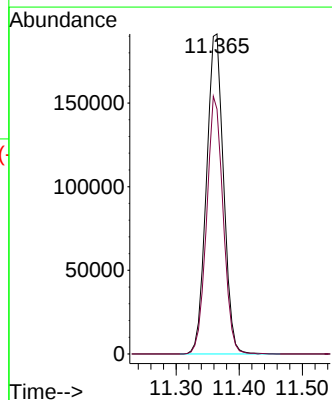
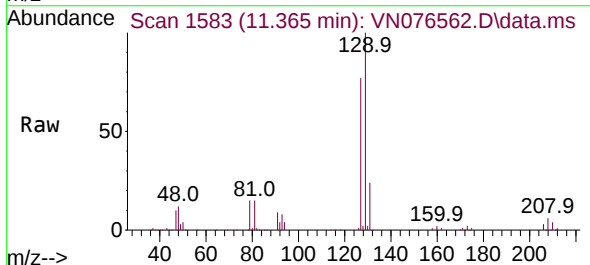
Manual Integrations
APPROVED

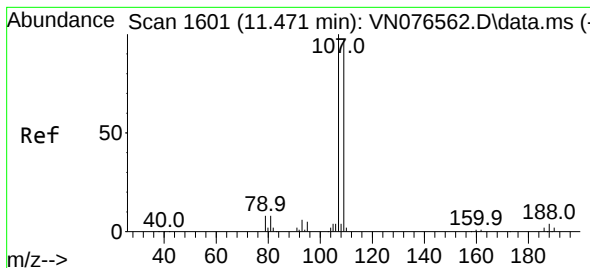
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#60
Dibromochloromethane
Concen: 50.086 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

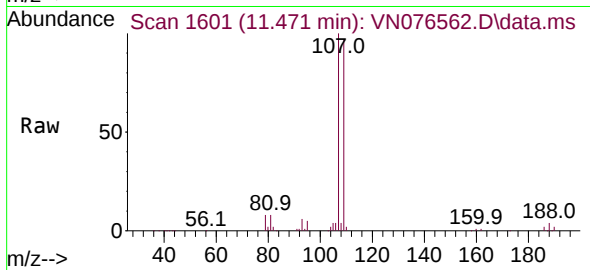
Tgt Ion:129 Resp: 358673
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





#61
1,2-Dibromoethane
Concen: 49.464 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

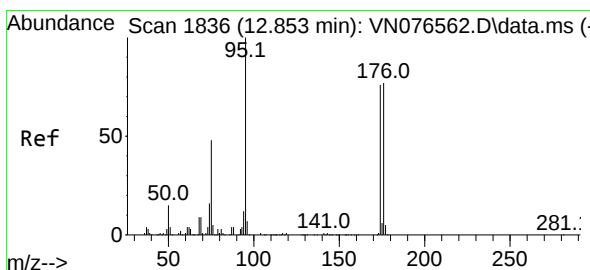
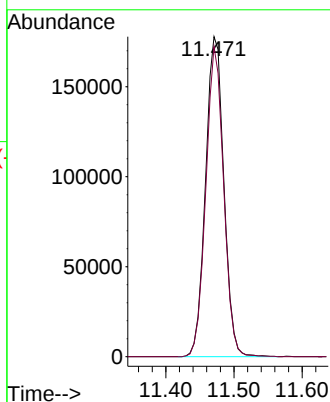
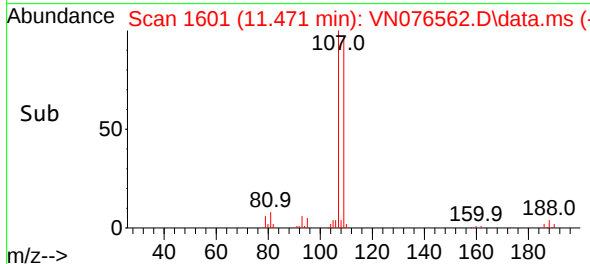
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



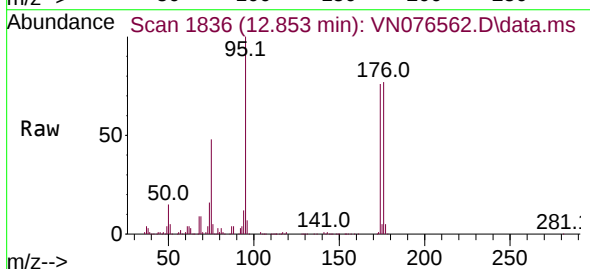
Tgt Ion:107 Resp: 33270
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.0

Manual Integrations
APPROVED

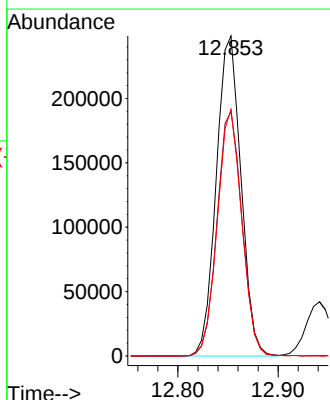
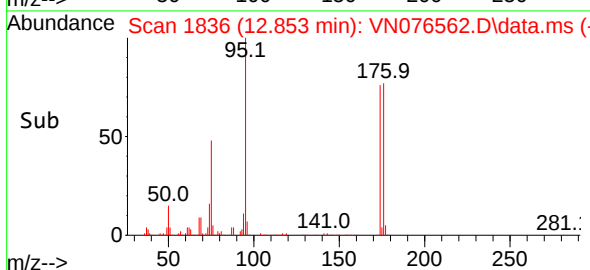
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

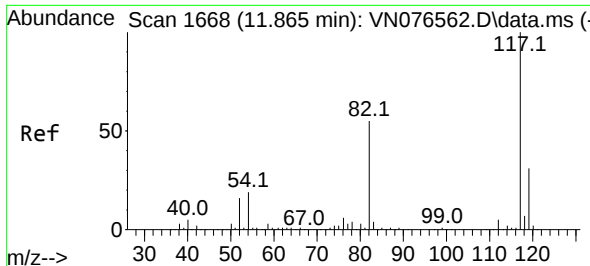


#62
4-Bromofluorobenzene
Concen: 51.581 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19



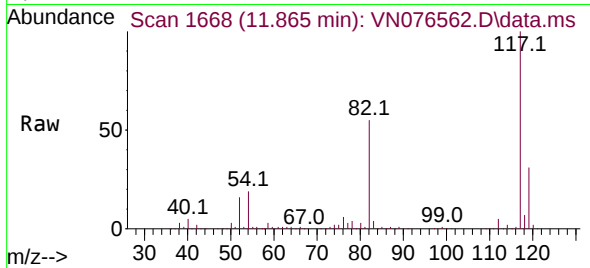
Tgt Ion: 95 Resp: 424629
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.0
176 76.0 0.0 152.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

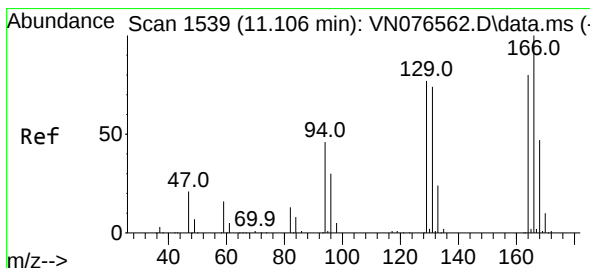
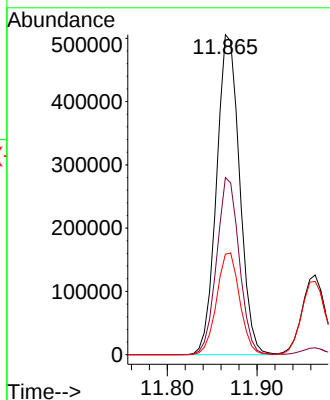
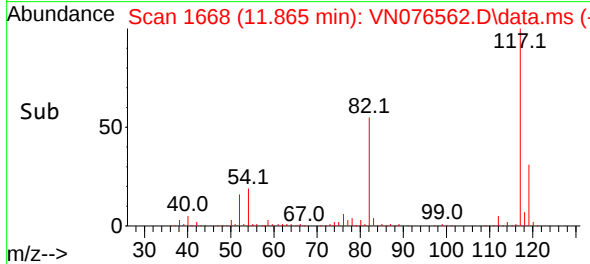
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 903375
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.4
119 31.4 25.1 37.7

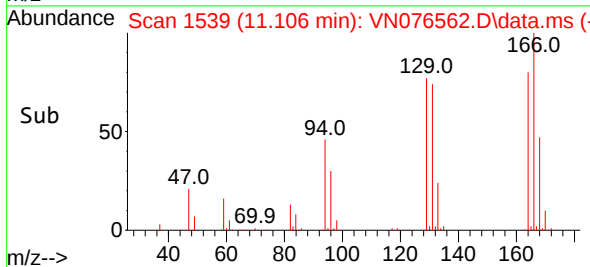
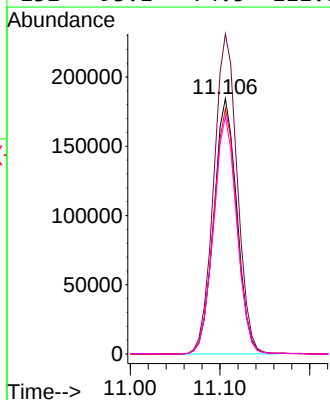
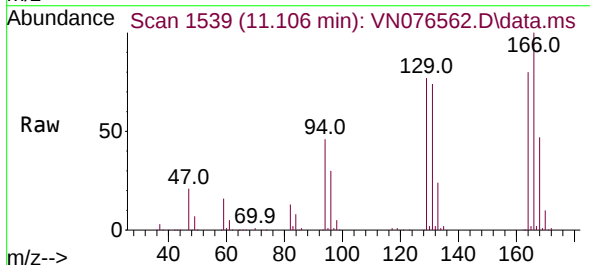
Manual Integrations
APPROVED

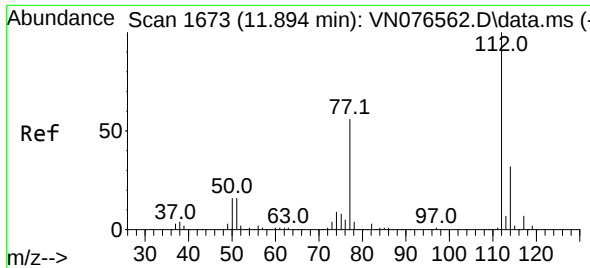
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#64
Tetrachloroethene
Concen: 43.718 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Tgt Ion:164 Resp: 328855
Ion Ratio Lower Upper
164 100
166 125.3 100.2 150.4
129 96.0 76.8 115.2
131 93.1 74.5 111.7





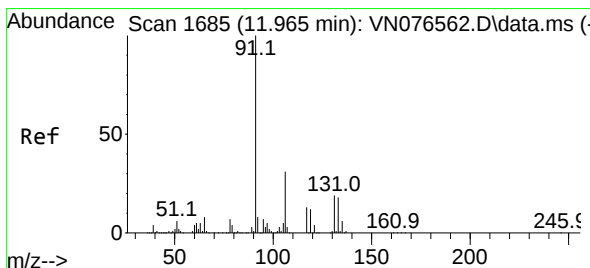
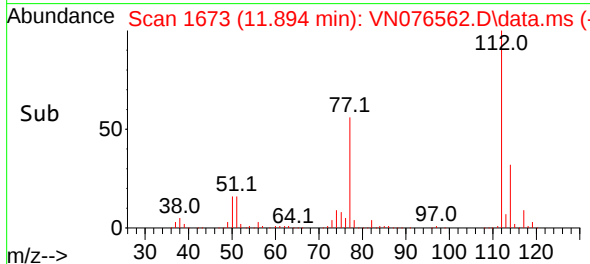
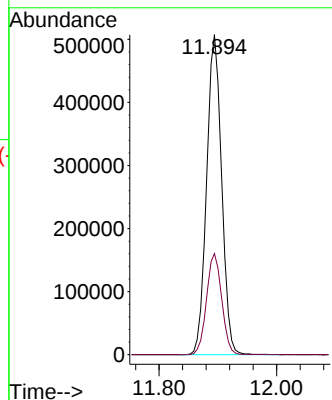
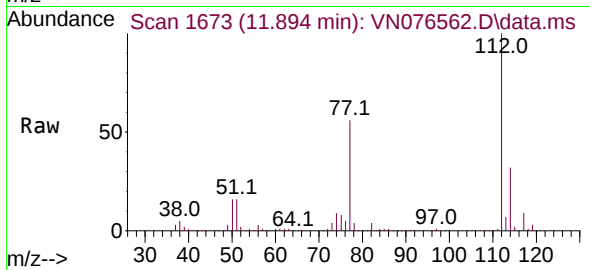
#65
Chlorobenzene
Concen: 48.181 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 900100
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9

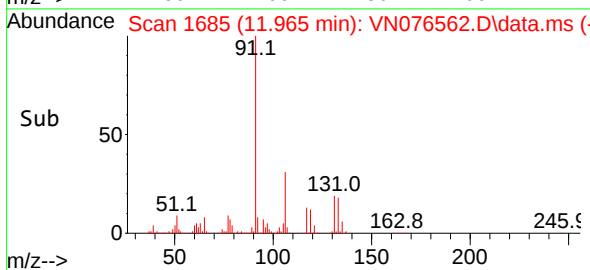
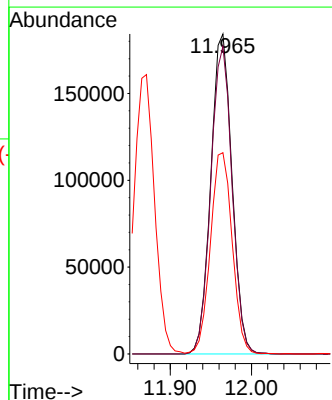
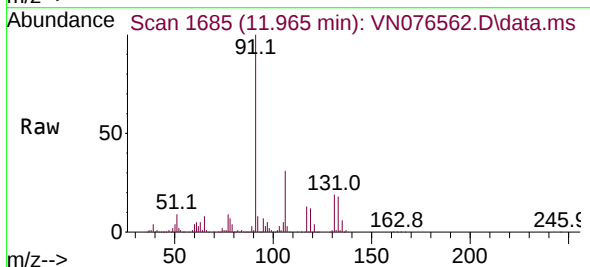
Manual Integrations
APPROVED

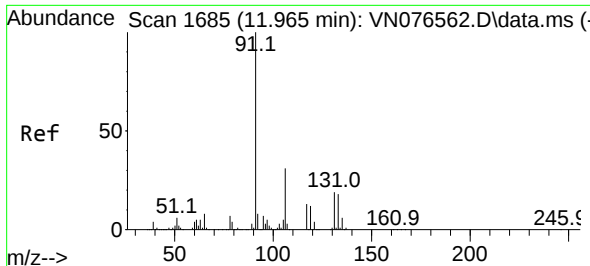
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.360 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

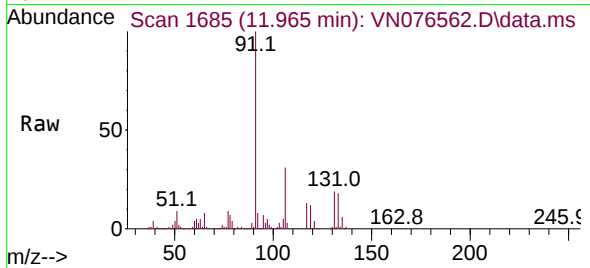
Tgt Ion:131 Resp: 334563
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 64.7 32.4 97.0





#67
Ethyl Benzene
Concen: 49.910 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

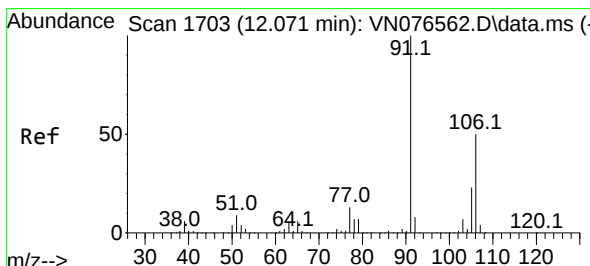
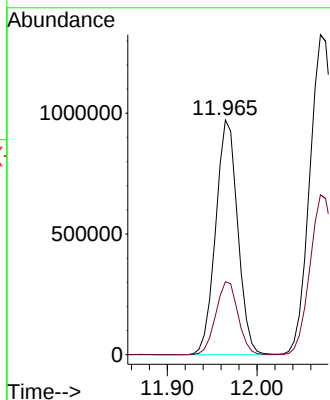
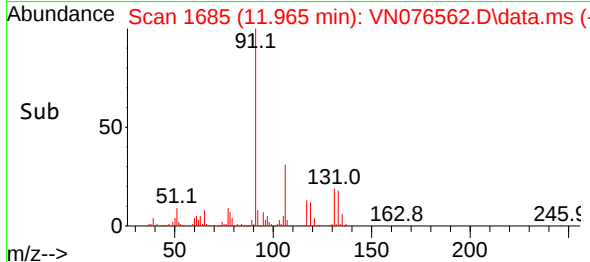
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



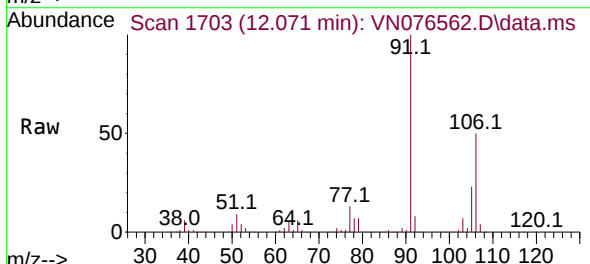
Tgt Ion: 91 Resp: 165704
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

Manual Integrations
APPROVED

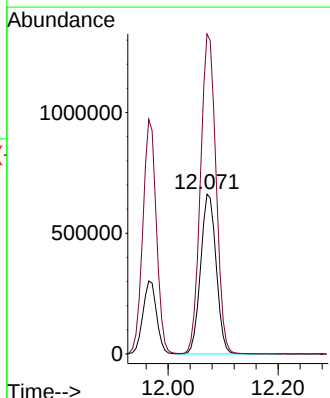
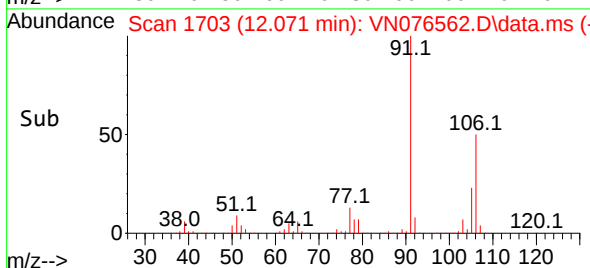
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

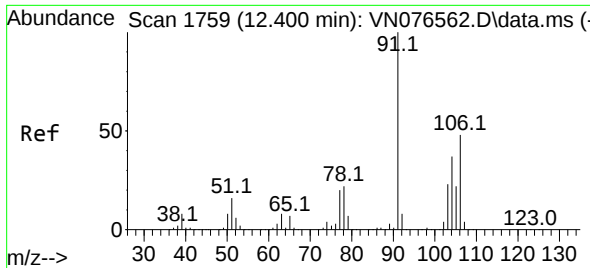


#68
m/p-Xylenes
Concen: 100.411 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19



Tgt Ion:106 Resp: 1298863
Ion Ratio Lower Upper
106 100
91 200.3 160.2 240.4





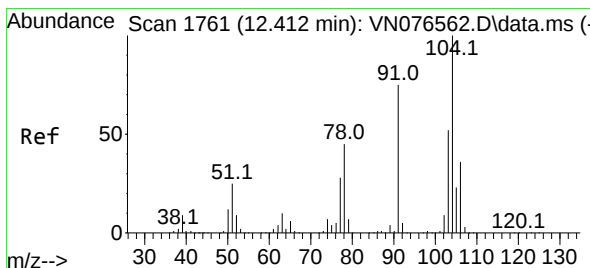
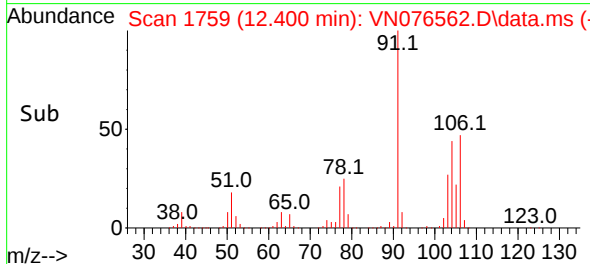
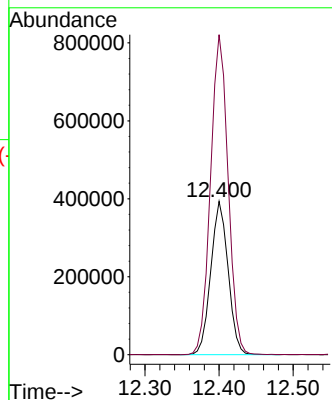
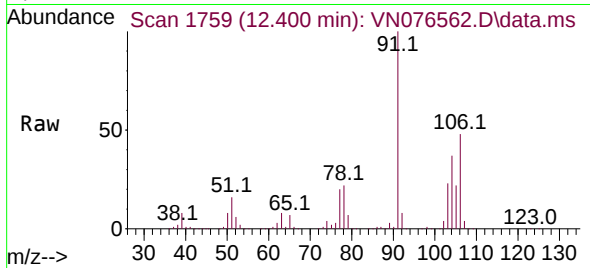
#69
o-Xylene
Concen: 50.405 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 638478
Ion Ratio Lower Upper
106 100
91 212.3 106.2 318.5

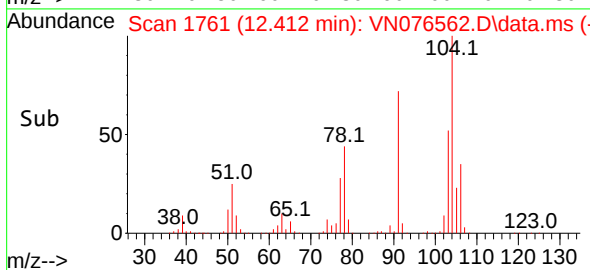
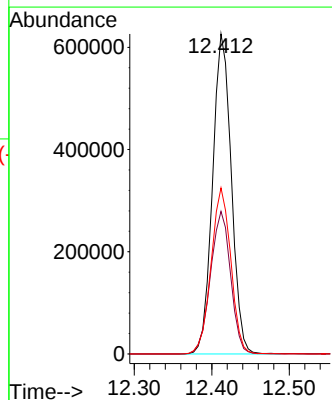
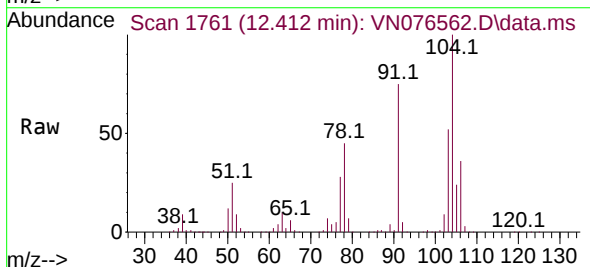
Manual Integrations
APPROVED

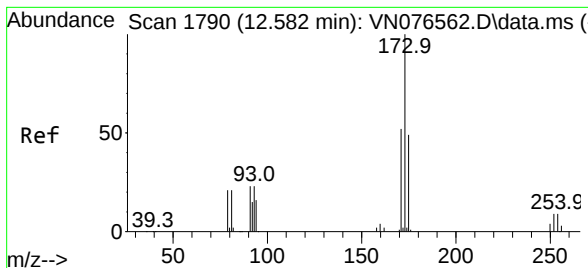
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#70
Styrene
Concen: 52.171 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

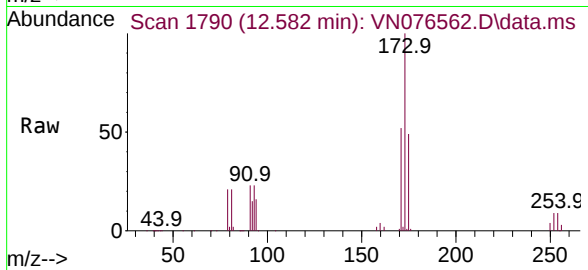
Tgt Ion:104 Resp: 1051063
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.4
103 54.6 43.7 65.5





#71
Bromoform
Concen: 51.413 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

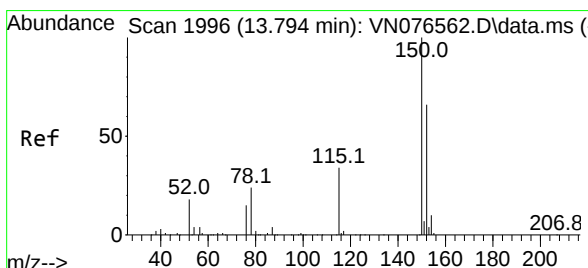
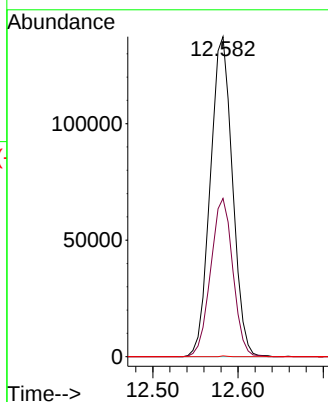
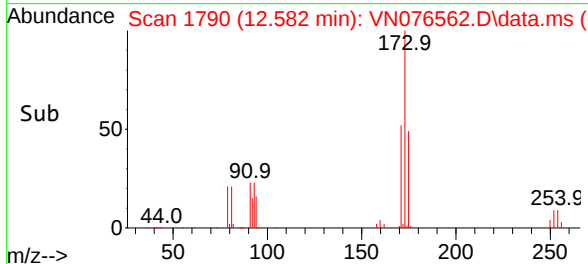
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



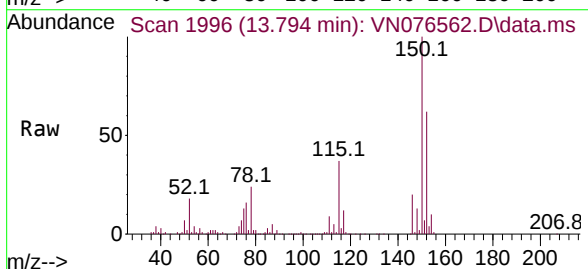
Tgt Ion:173 Resp: 248274
Ion Ratio Lower Upper
173 100
175 49.5 24.8 74.3
254 0.1 0.1 0.1

Manual Integrations
APPROVED

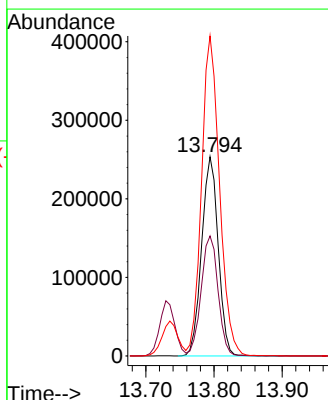
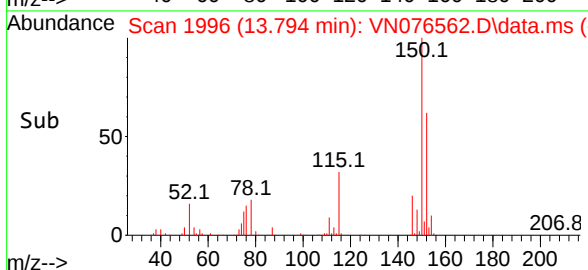
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

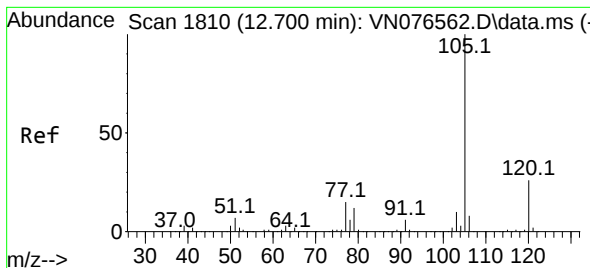


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19



Tgt Ion:152 Resp: 427749
Ion Ratio Lower Upper
152 100
115 61.5 30.8 92.3
150 174.4 0.0 348.8





#73

Isopropylbenzene

Concen: 47.754 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076562.D

Acq: 07 Feb 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 167291

Ion Ratio Lower Upper

105 100

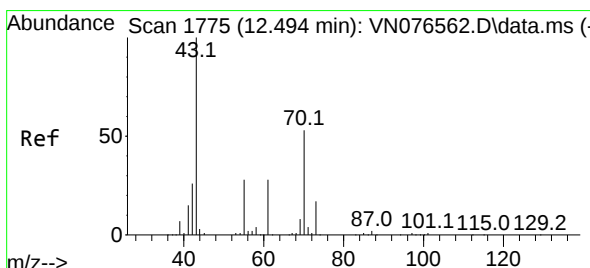
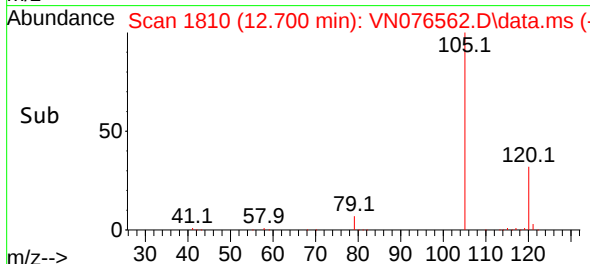
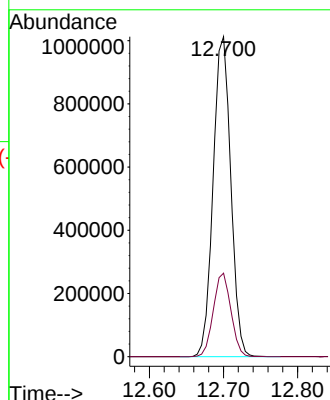
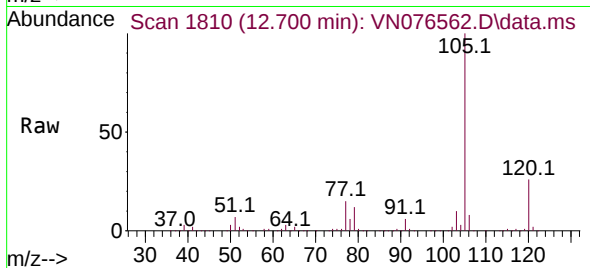
120 26.0 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#74

N-ethyl acetate

Concen: 49.637 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN076562.D

Acq: 07 Feb 2023 13:19

Tgt Ion: 43 Resp: 484917

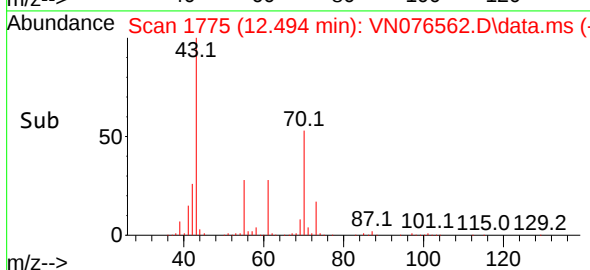
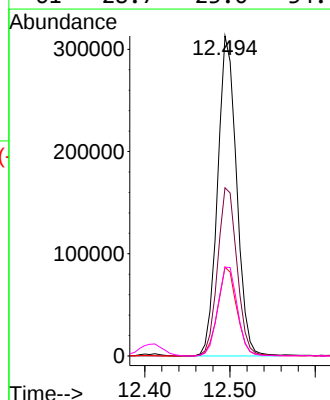
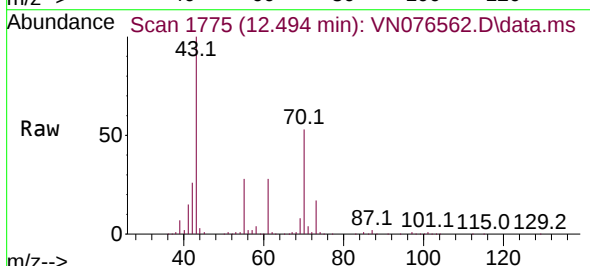
Ion Ratio Lower Upper

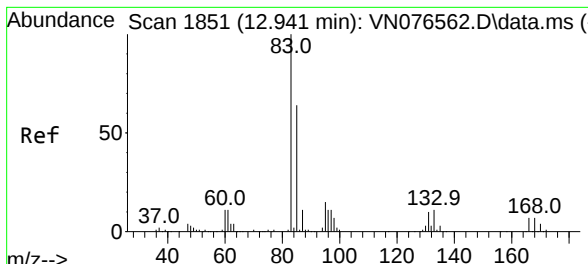
43 100

70 53.9 43.1 64.7

55 28.0 22.4 33.6

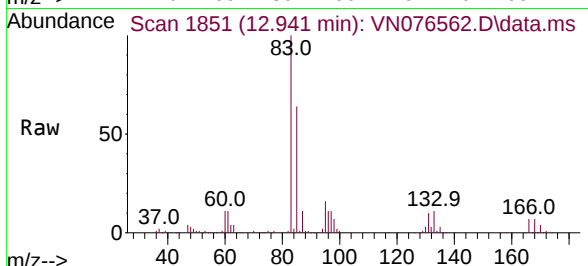
61 28.7 23.0 34.4





#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.052 ug/l
 RT: 12.941 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: VN076562.D
 Acq: 07 Feb 2023 13:19

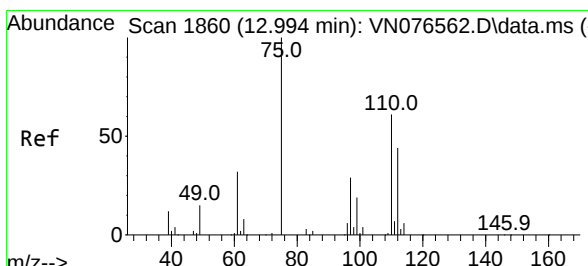
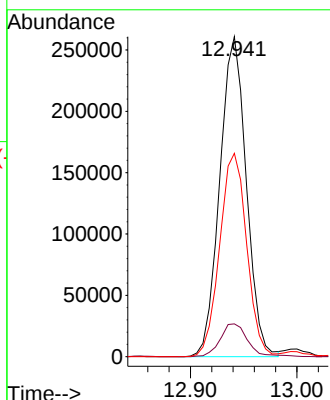
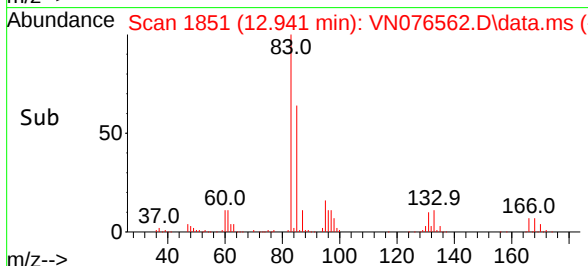
Instrument : MSVOA_N
 ClientSampleId : VSTDICCC050



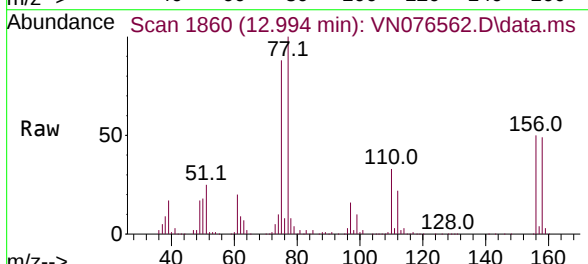
Tgt Ion: 83 Resp: 451799
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.3 16.1
 85 64.7 32.4 97.0

Manual Integrations
 APPROVED

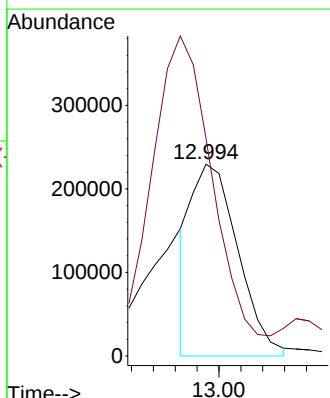
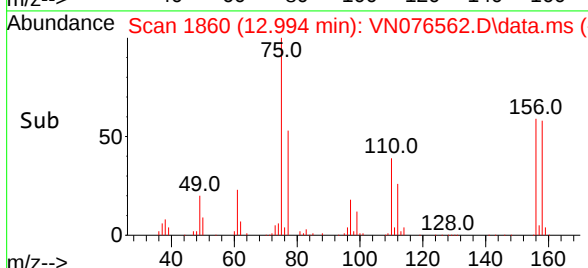
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

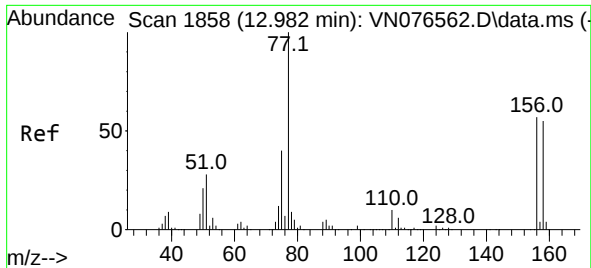


#76
 1,2,3-Trichloropropane
 Concen: 40.263 ug/l m
 RT: 12.994 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: VN076562.D
 Acq: 07 Feb 2023 13:19



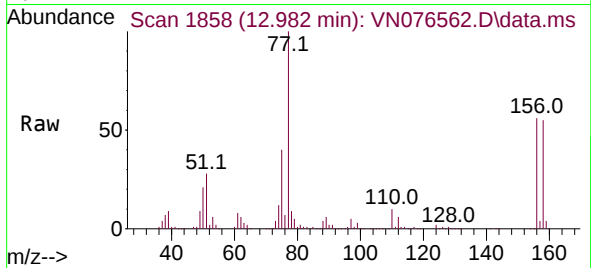
Tgt Ion: 75 Resp: 340777
 Ion Ratio Lower Upper
 75 100
 77 224.1 87.5 262.5





#77
Bromobenzene
Concen: 46.094 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

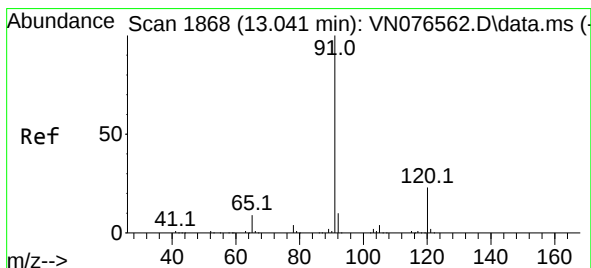
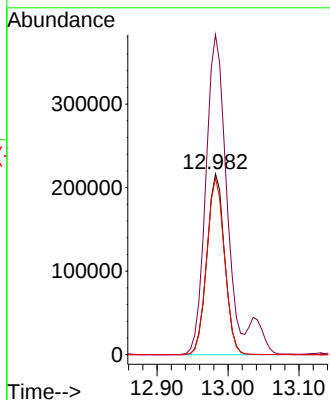
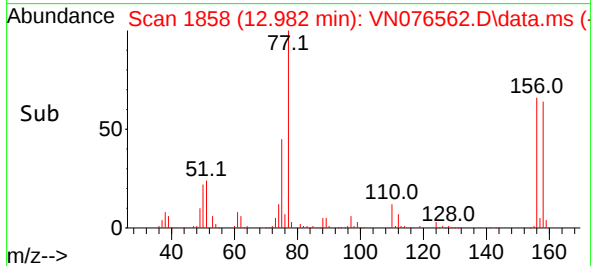
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 375598
Ion Ratio Lower Upper
156 100
77 203.3 101.6 304.9
158 97.8 48.9 146.7

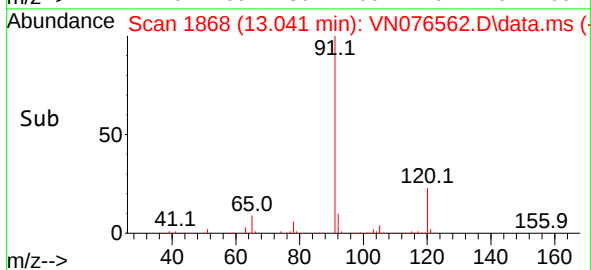
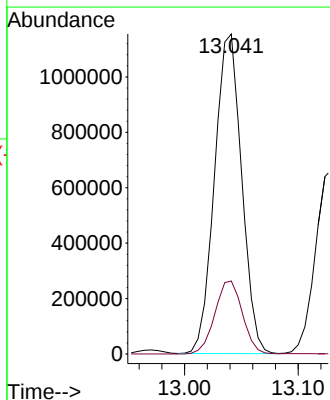
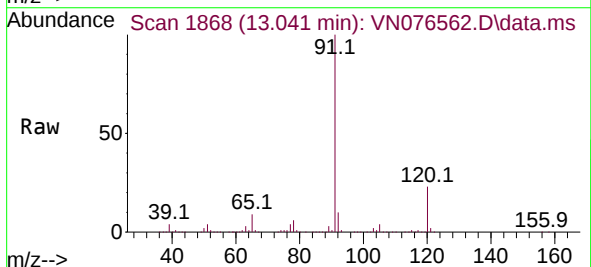
Manual Integrations
APPROVED

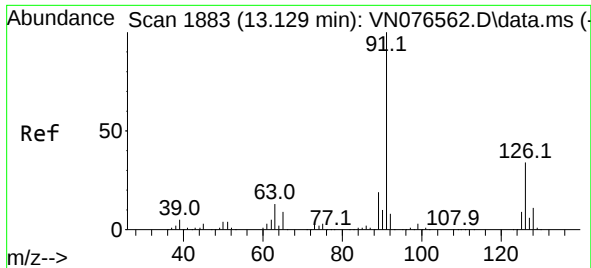
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#78
n-propylbenzene
Concen: 49.631 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Tgt Ion: 91 Resp: 1914453
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8





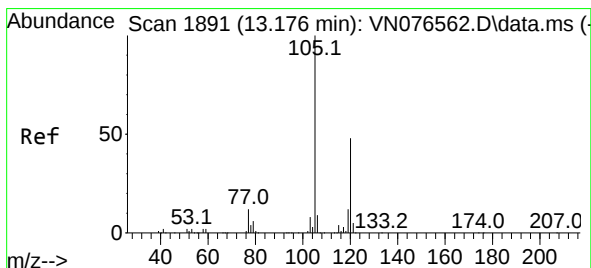
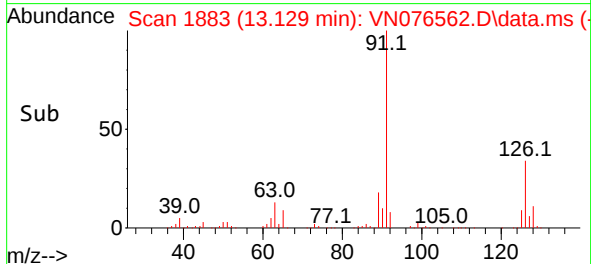
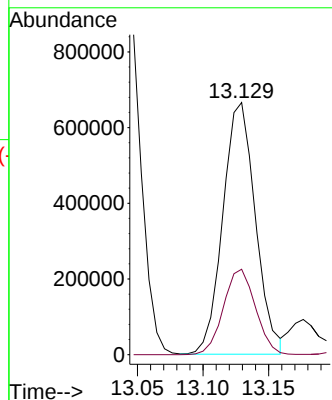
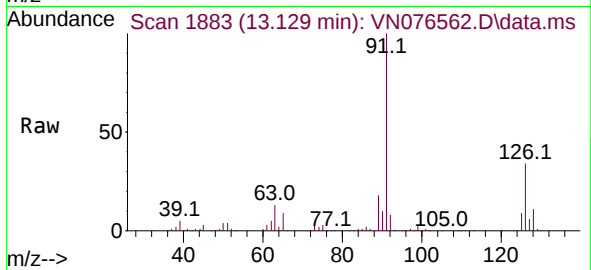
#79
2-Chlorotoluene
Concen: 46.753 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 114881
Ion Ratio Lower Upper
91 100
126 33.5 16.8 50.3

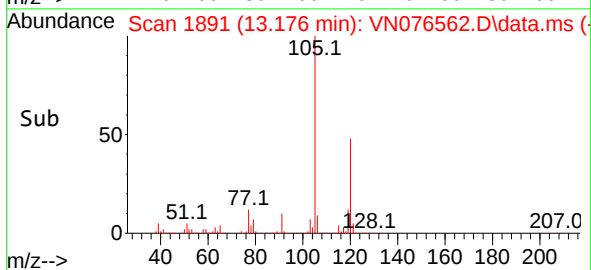
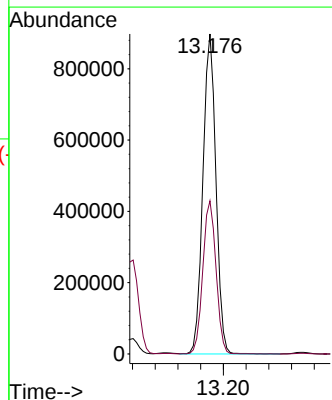
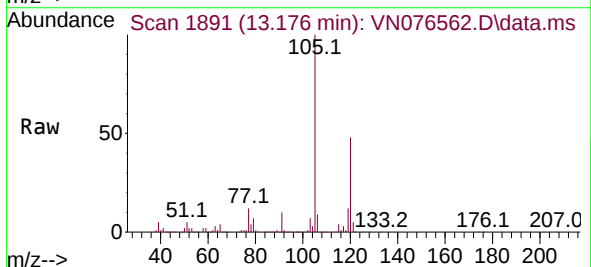
Manual Integrations
APPROVED

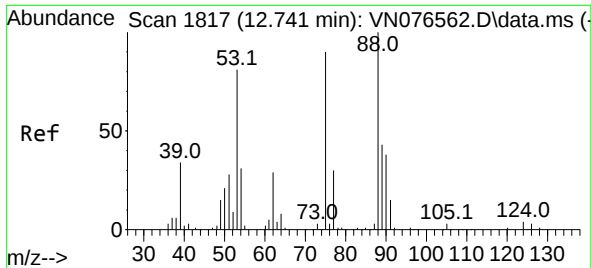
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.029 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

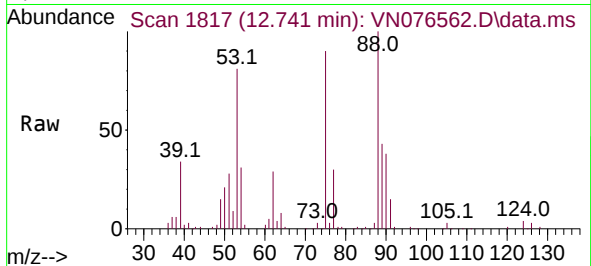
Tgt Ion:105 Resp: 1425489
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 51.897 ug/l m
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

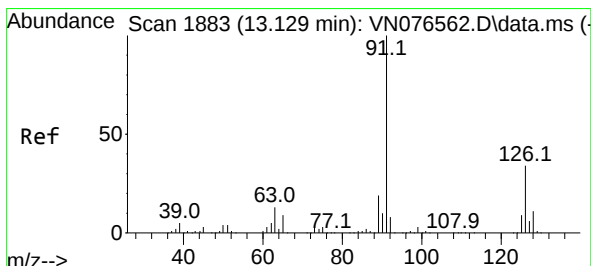
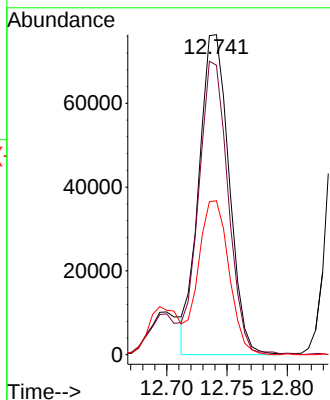
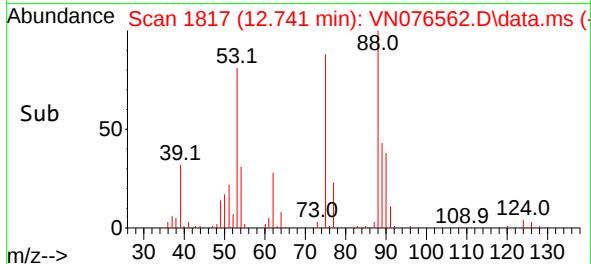
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 133438
Ion Ratio Lower Upper
75 100
53 91.4 77.1 115.7
89 49.2 41.5 62.3

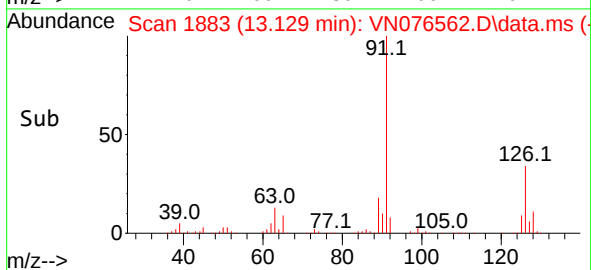
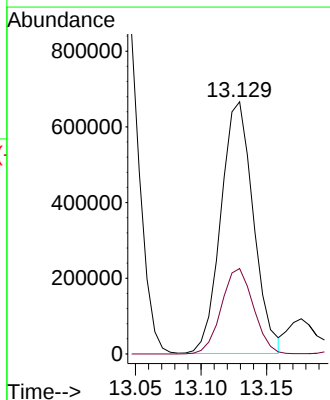
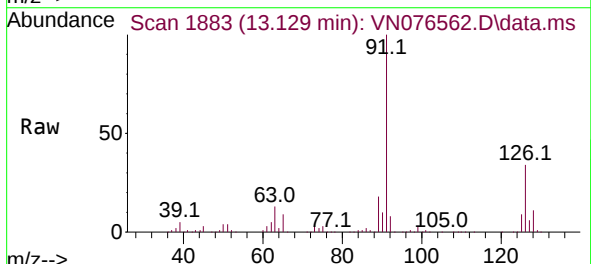
Manual Integrations
APPROVED

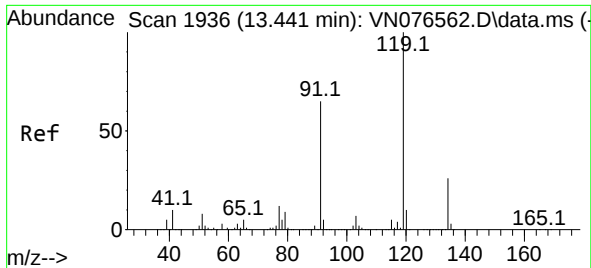
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#82
4-Chlorotoluene
Concen: 46.753 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Tgt Ion: 91 Resp: 1148813
Ion Ratio Lower Upper
91 100
126 33.5 16.8 50.3





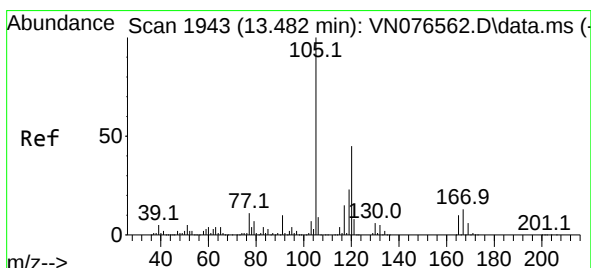
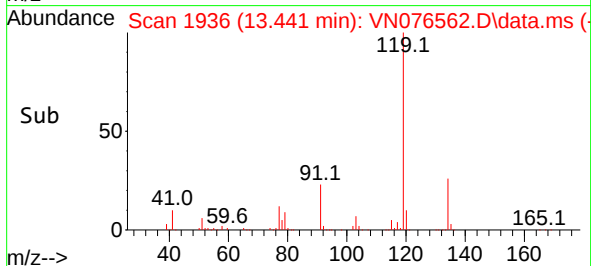
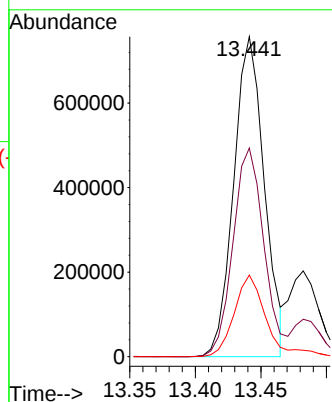
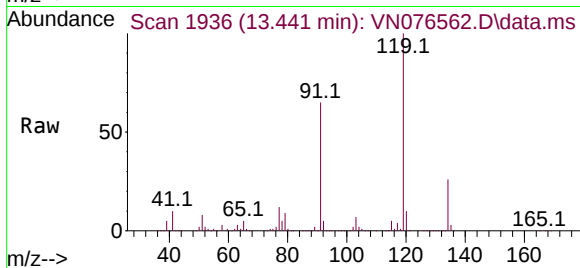
#83
tert-Butylbenzene
Concen: 47.187 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 122884
Ion Ratio Lower Upper
119 100
91 66.4 33.2 99.6
134 26.7 13.4 40.1

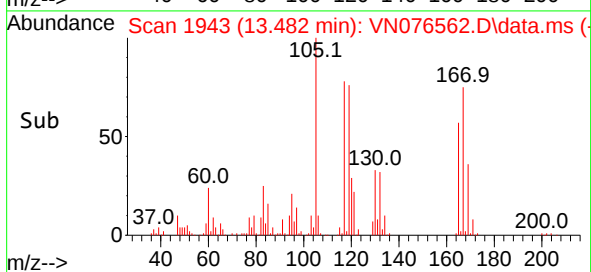
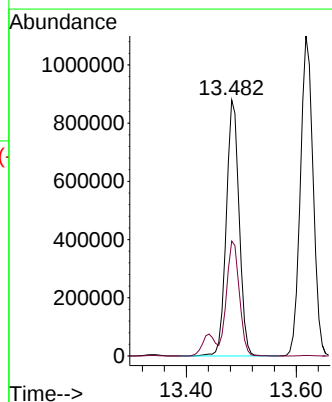
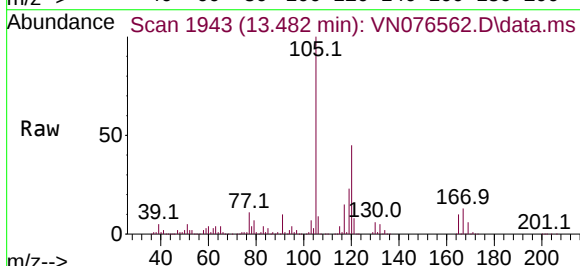
Manual Integrations
APPROVED

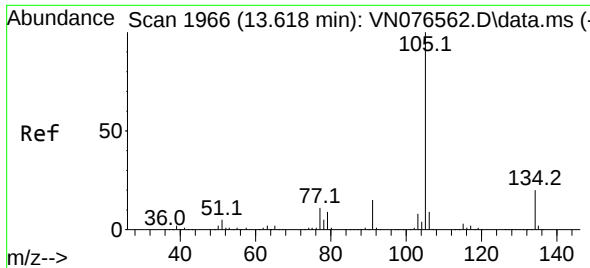
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.290 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Tgt Ion:105 Resp: 1426154
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.8





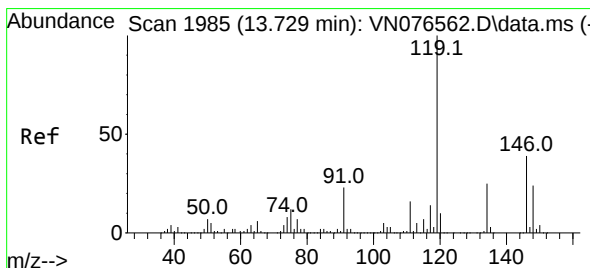
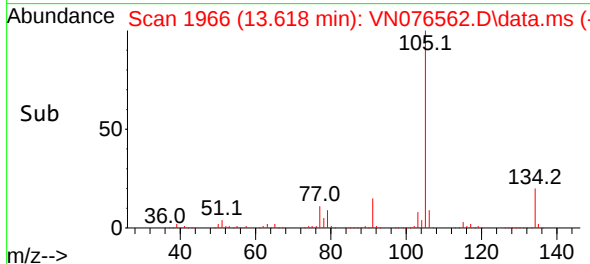
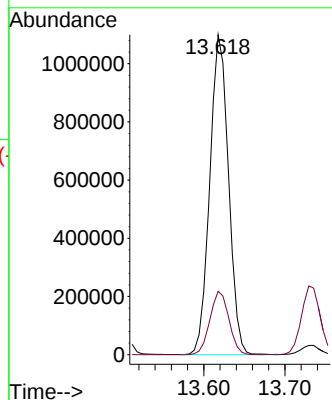
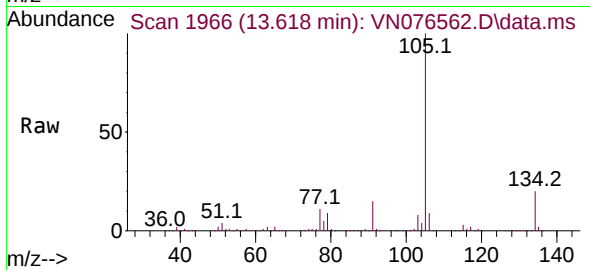
#85
 sec-Butylbenzene
 Concen: 50.138 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076562.D
 Acq: 07 Feb 2023 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 176072
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

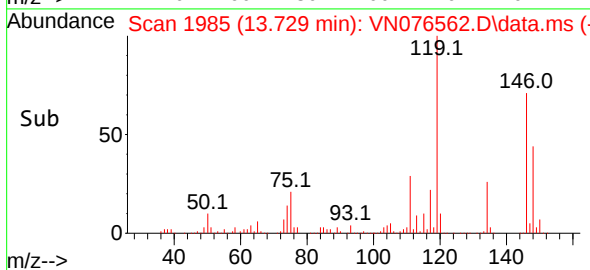
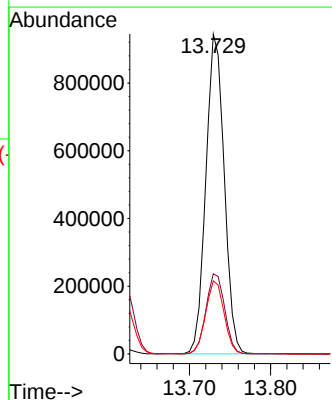
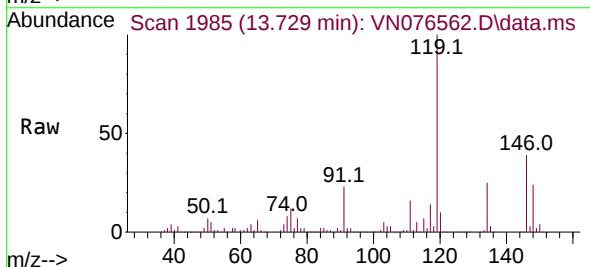
Manual Integrations
 APPROVED

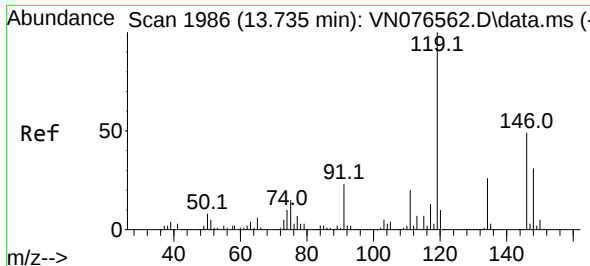
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#86
 p-Isopropyltoluene
 Concen: 51.292 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076562.D
 Acq: 07 Feb 2023 13:19

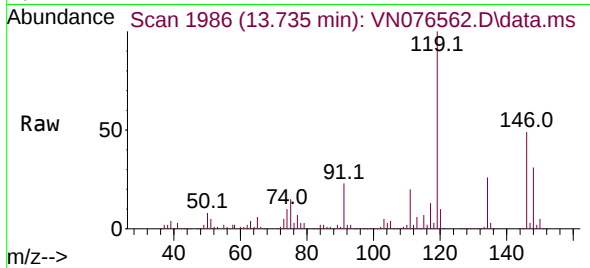
Tgt Ion:119 Resp: 1476104
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 22.9 11.5 34.4





#87
1,3-Dichlorobenzene
Concen: 47.706 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

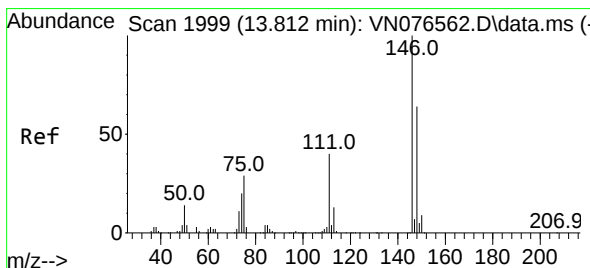
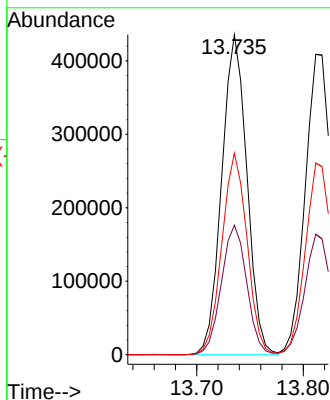
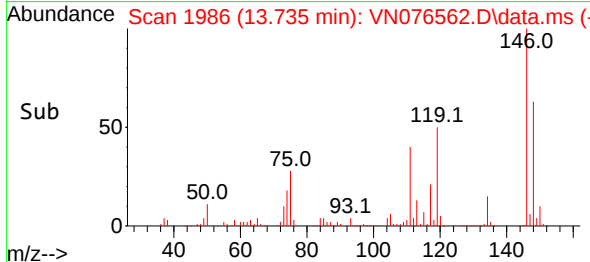
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



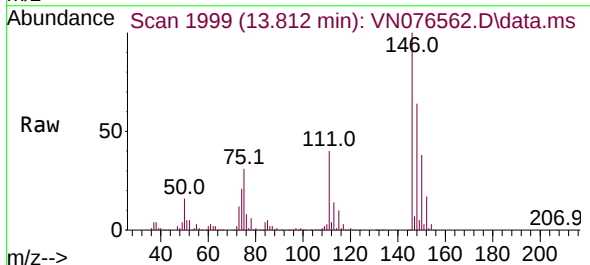
Tgt Ion:146 Resp: 715469
Ion Ratio Lower Upper
146 100
111 40.7 20.3 61.0
148 63.0 31.5 94.5

Manual Integrations
APPROVED

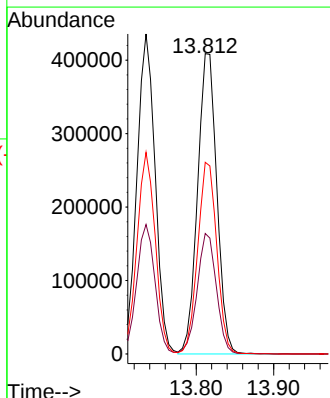
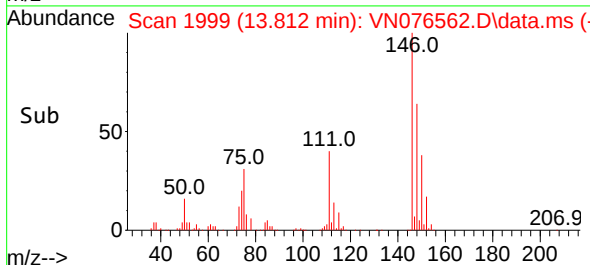
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

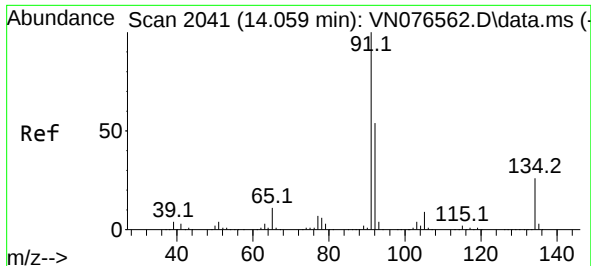


#88
1,4-Dichlorobenzene
Concen: 46.431 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19



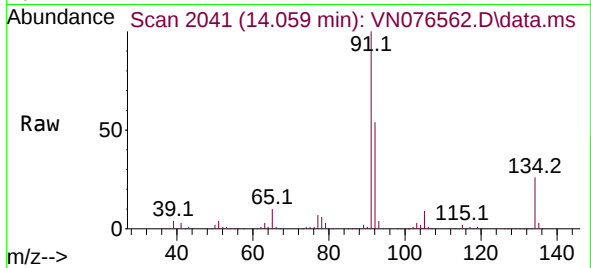
Tgt Ion:146 Resp: 707338
Ion Ratio Lower Upper
146 100
111 39.6 19.8 59.4
148 63.2 31.6 94.8





#89
n-Butylbenzene
Concen: 52.999 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

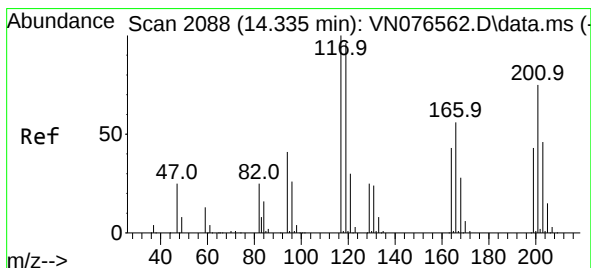
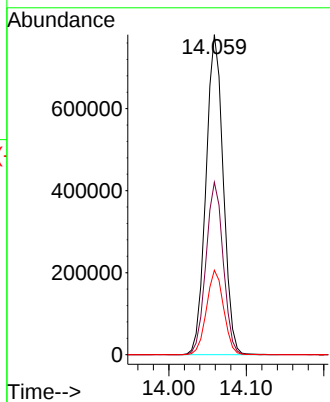
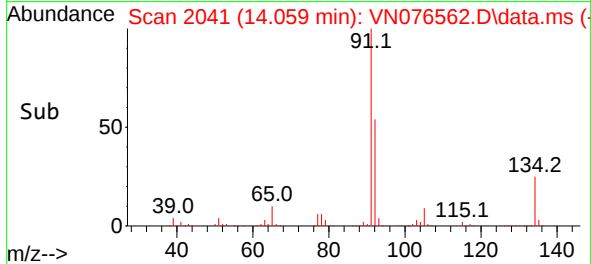
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 120775
Ion Ratio Lower Upper
91 100
92 53.9 27.0 80.8
134 26.2 13.1 39.3

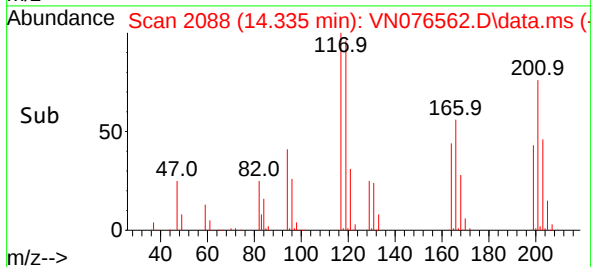
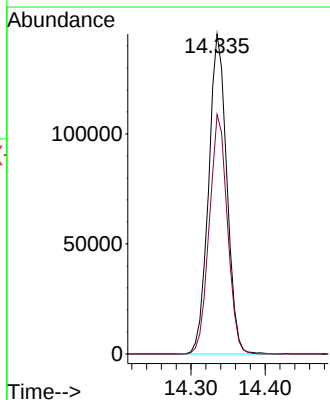
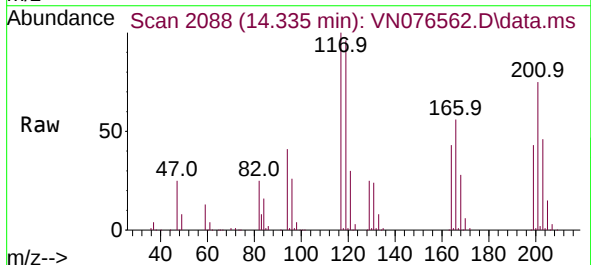
Manual Integrations
APPROVED

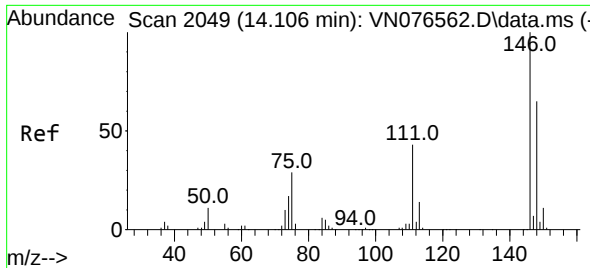
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#90
Hexachloroethane
Concen: 49.404 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Tgt Ion:117 Resp: 247654
Ion Ratio Lower Upper
117 100
201 74.4 37.2 111.6





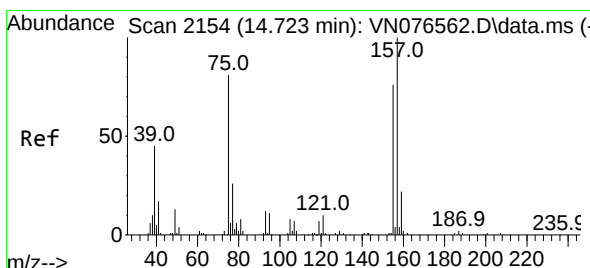
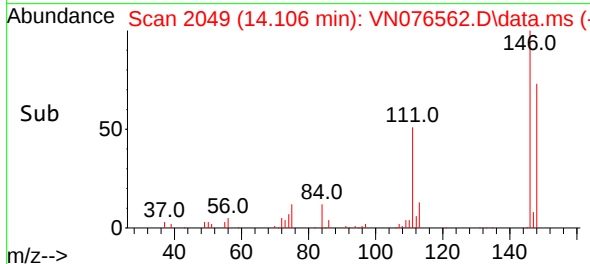
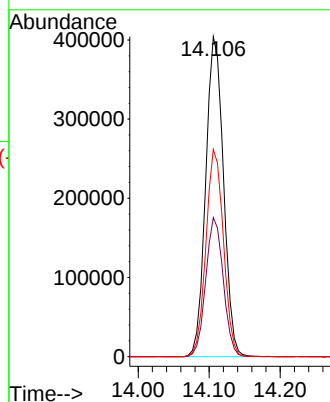
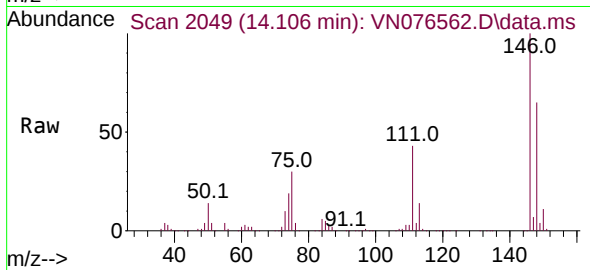
#91
1,2-Dichlorobenzene
Concen: 47.512 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 702515
Ion Ratio Lower Upper
146 100
111 42.9 21.4 64.3
148 63.9 31.9 95.9

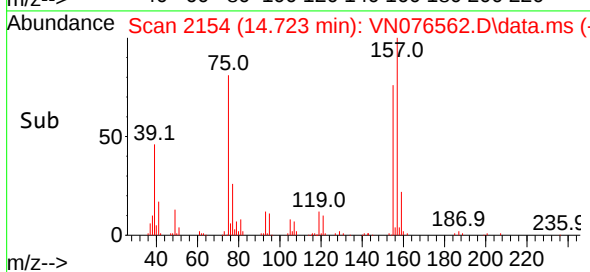
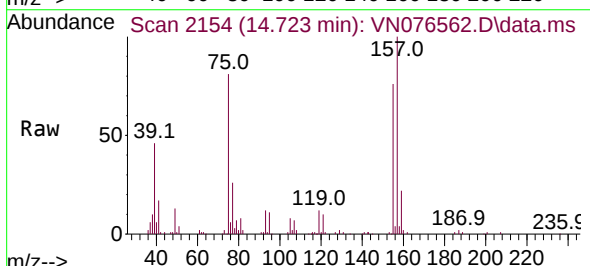
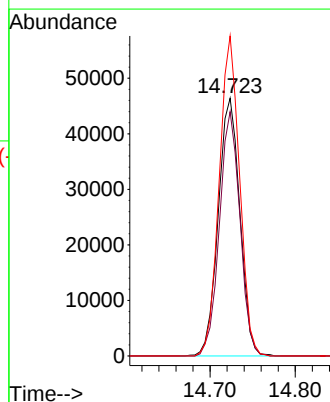
Manual Integrations
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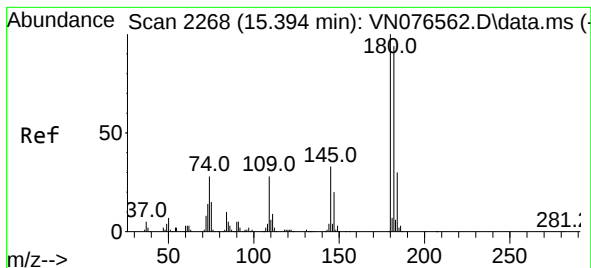
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.222 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

Tgt Ion: 75 Resp: 81799
Ion Ratio Lower Upper
75 100
155 89.6 44.8 134.4
157 116.7 58.4 175.1





#93

1,2,4-Trichlorobenzene

Concen: 51.712 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN076562.D

Acq: 07 Feb 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 35036

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.2

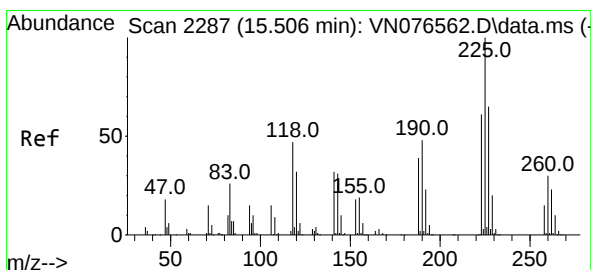
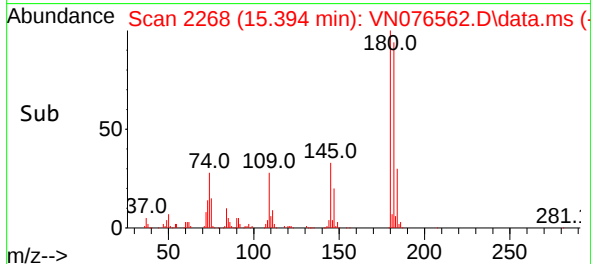
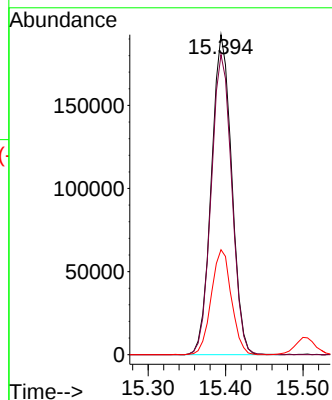
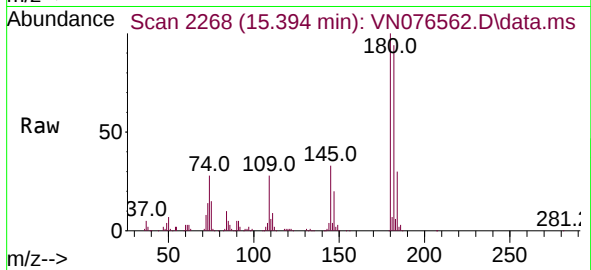
145 32.5 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#94

Hexachlorobutadiene

Concen: 48.877 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN076562.D

Acq: 07 Feb 2023 13:19

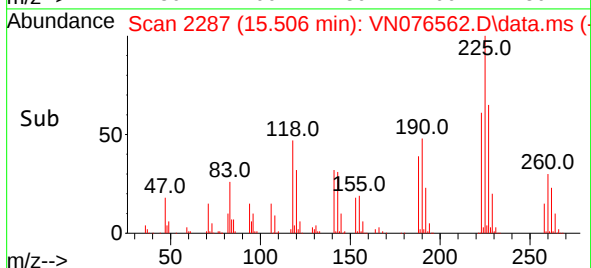
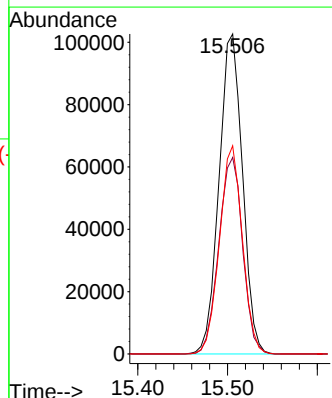
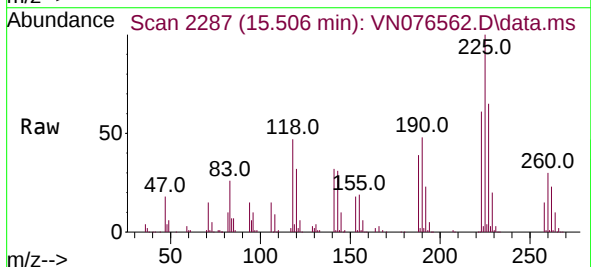
Tgt Ion:225 Resp: 186209

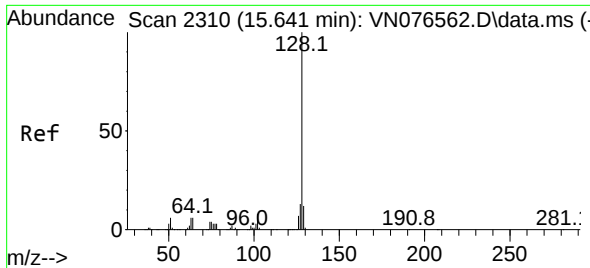
Ion Ratio Lower Upper

225 100

223 62.4 31.2 93.6

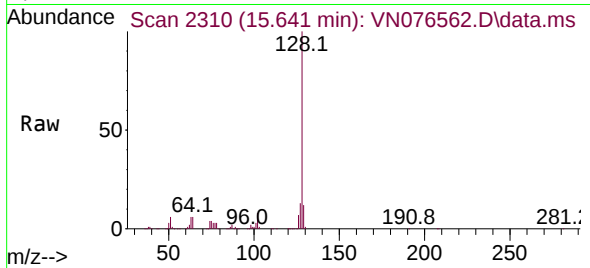
227 63.5 31.8 95.3





#95
Naphthalene
Concen: 51.984 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19

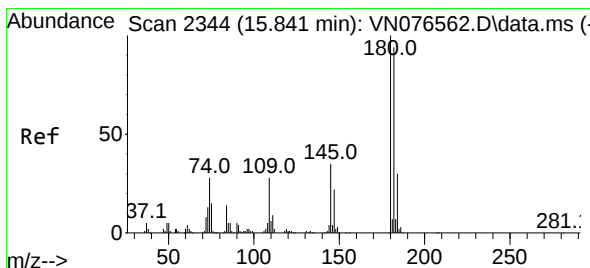
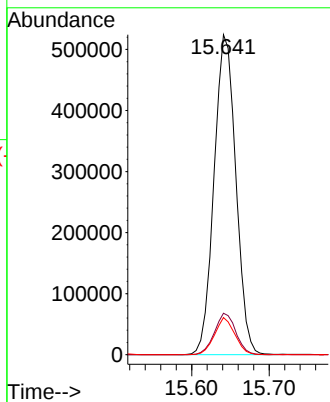
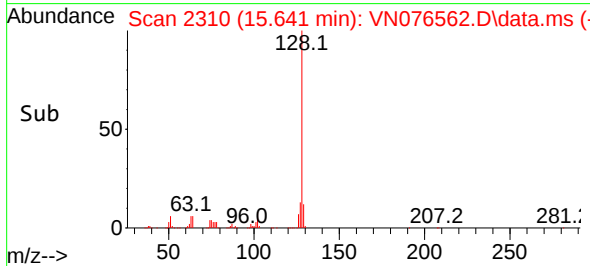
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



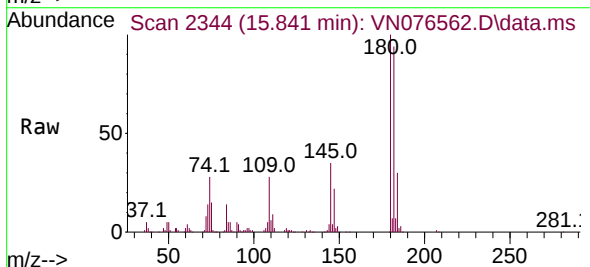
Tgt Ion:128 Resp: 1024669
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.678 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN076562.D
Acq: 07 Feb 2023 13:19



Tgt Ion:180 Resp: 328824
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 34.3 17.2 51.5

