

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060923\
 Data File : VN078149.D
 Acq On : 09 Jun 2023 16:34
 Operator : JC\MD
 Sample : 03123-05MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 09 23:10:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	435357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	780451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	681094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	280829	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	298830	51.481	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.960%	
35) Dibromofluoromethane	8.177	113	254143	51.501	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.000%	
50) Toluene-d8	10.571	98	980154	51.523	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	12.853	95	310386	52.483	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.960%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	218041	44.306	ug/l	97
3) Chloromethane	2.371	50	240677	52.060	ug/l	98
4) Vinyl Chloride	2.518	62	310457	48.176	ug/l	99
5) Bromomethane	2.954	94	225259	46.254	ug/l	95
6) Chloroethane	3.124	64	210879	48.004	ug/l	97
7) Trichlorofluoromethane	3.501	101	414060	47.382	ug/l	99
8) Diethyl Ether	3.971	74	142198	46.311	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	227951	49.427	ug/l	99
10) Methyl Iodide	4.601	142	313546	48.074	ug/l	99
11) Tert butyl alcohol	5.536	59	176247	219.896	ug/l	98
12) 1,1-Dichloroethene	4.353	96	225704	47.476	ug/l	89
13) Acrolein	4.189	56	206413	233.669	ug/l	96
14) Allyl chloride	5.036	41	284650	49.049	ug/l	93
15) Acrylonitrile	5.730	53	532149	257.526	ug/l	98
16) Acetone	4.436	43	407779	244.064	ug/l	97
17) Carbon Disulfide	4.718	76	563782	46.073	ug/l	100
18) Methyl Acetate	5.036	43	381891	49.646	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	753145	49.652	ug/l	98
20) Methylene Chloride	5.289	84	256706	46.495	ug/l	93
21) trans-1,2-Dichloroethene	5.795	96	244893	47.760	ug/l	88
22) Diisopropyl ether	6.683	45	715703	52.429	ug/l	94
23) Vinyl Acetate	6.612	43	2081220	256.478	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	457346	50.787	ug/l	96
25) 2-Butanone	7.494	43	671500	261.354	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	369747	55.608	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	291412	47.645	ug/l	93
28) Bromochloromethane	7.824	49	186577	45.126	ug/l	91
29) Tetrahydrofuran	7.847	42	447972	260.812	ug/l #	85
30) Chloroform	7.971	83	490736	50.608	ug/l	97
31) Cyclohexane	8.265	56	368942	49.549	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	435918	51.205	ug/l	97
36) 1,1-Dichloropropene	8.377	75	360362	50.911	ug/l	98
37) Ethyl Acetate	7.571	43	279437	50.536	ug/l	95
38) Carbon Tetrachloride	8.371	117	389208	52.075	ug/l	98
39) Methylcyclohexane	9.606	83	379120	51.684	ug/l	92
40) Benzene	8.612	78	1077591	50.994	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	150515	50.219	ug/l	95
42) 1,2-Dichloroethane	8.677	62	370358	51.117	ug/l	97
43) Isopropyl Acetate	8.694	43	494399	46.752	ug/l	96
44) Trichloroethene	9.359	130	277194	49.671	ug/l	99
45) 1,2-Dichloropropane	9.624	63	274007	52.117	ug/l	100
46) Dibromomethane	9.718	93	193651	50.006	ug/l	95
47) Bromodichloromethane	9.894	83	388729	54.040	ug/l	99
48) Methyl methacrylate	9.688	41	233109	52.528	ug/l	91
49) 1,4-Dioxane	9.700	88	86655	929.041	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	1486537	266.948	ug/l	93
52) Toluene	10.635	92	684647	51.316	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	398294	53.166	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	430564	51.993	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	272285	53.949	ug/l	98
56) Ethyl methacrylate	10.882	69	394222	53.643	ug/l	93
57) 1,3-Dichloropropane	11.165	76	449395	52.750	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.318	63	2705	0.911	ug/l #	42
59) 2-Hexanone	11.200	43	1054159	271.873	ug/l	92
60) Dibromochloromethane	11.365	129	292114	52.892	ug/l	99
61) 1,2-Dibromoethane	11.477	107	274053	51.742	ug/l	99
64) Tetrachloroethene	11.106	164	227293	50.023	ug/l	99
65) Chlorobenzene	11.900	112	724574	49.676	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	277068	51.646	ug/l	99
67) Ethyl Benzene	11.971	91	1312619	52.155	ug/l	100
68) m/p-Xylenes	12.076	106	1002328	104.501	ug/l	98
69) o-Xylene	12.406	106	489220	51.939	ug/l	95
70) Styrene	12.418	104	785274	52.957	ug/l	98
71) Bromoform	12.582	173	184464	53.281	ug/l #	99
73) Isopropylbenzene	12.700	105	1227994	46.242	ug/l	100
74) N-amyl acetate	12.500	43	405519	46.371	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	380837	52.251	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	450688	67.886	ug/l	73
77) Bromobenzene	12.988	156	276144	44.795	ug/l	100
78) n-propylbenzene	13.041	91	1398391	48.467	ug/l	100
79) 2-Chlorotoluene	13.129	91	850460	45.664	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	999882	46.505	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	104492	48.356	ug/l	90
82) 4-Chlorotoluene	13.229	91	825051	47.466	ug/l	99
83) tert-Butylbenzene	13.447	119	866380	46.357	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	996164	47.789	ug/l	99
85) sec-Butylbenzene	13.623	105	1149856	47.006	ug/l	99
86) p-Isopropyltoluene	13.735	119	968395	48.784	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	485902	46.598	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	470906	46.800	ug/l	100
89) n-Butylbenzene	14.059	91	771014	49.243	ug/l	97
90) Hexachloroethane	14.341	117	169818	48.205	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	475642	46.672	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	63010	47.902	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	185184	51.000	ug/l	98
94) Hexachlorobutadiene	15.506	225	92046	51.813	ug/l	98
95) Naphthalene	15.647	128	574678	47.051	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	191699	47.204	ug/l	97

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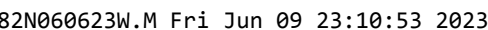
Instrument :
MSVOA_N
ClientSampleId :

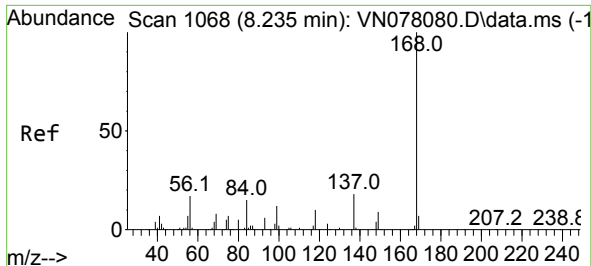
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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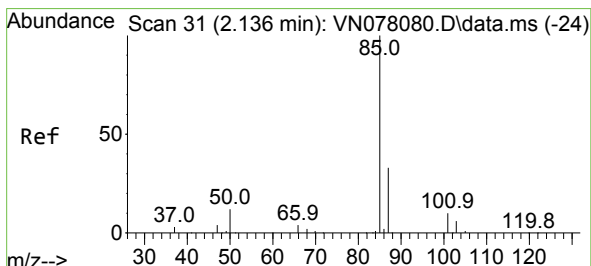
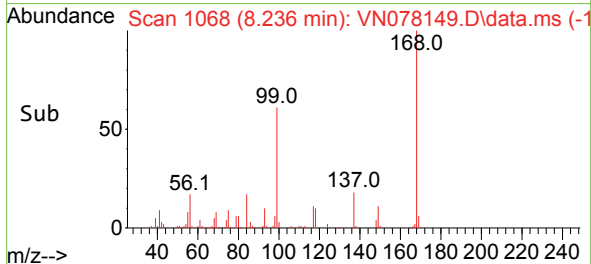
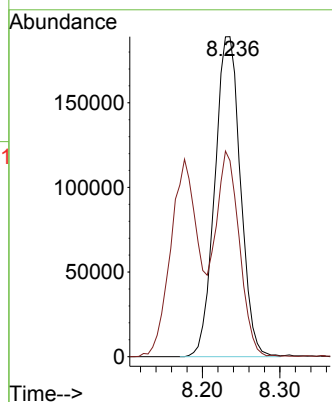
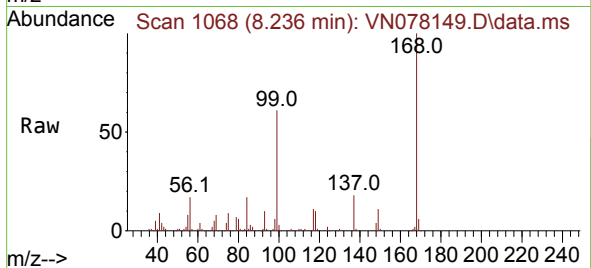




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078149.D
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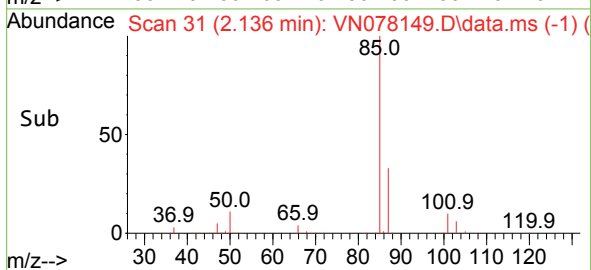
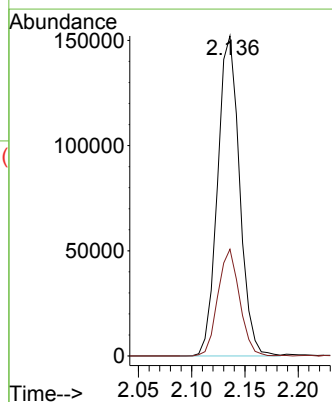
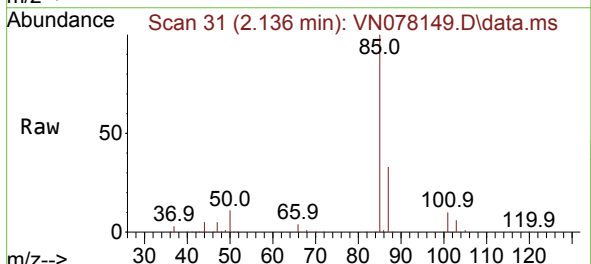
Instrument :
MSVOA_N
ClientSampleId :

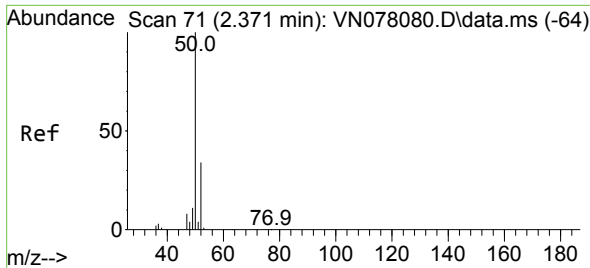
Tgt Ion:168 Resp: 435357
Ion Ratio Lower Upper
168 100
99 61.1 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 44.306 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Tgt Ion: 85 Resp: 218041
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.4

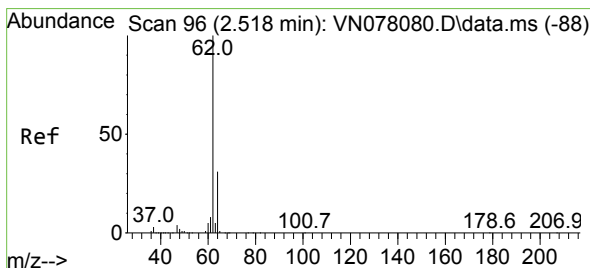
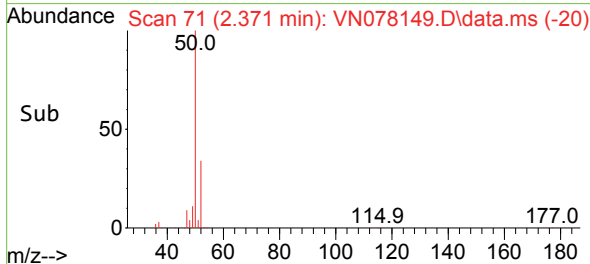
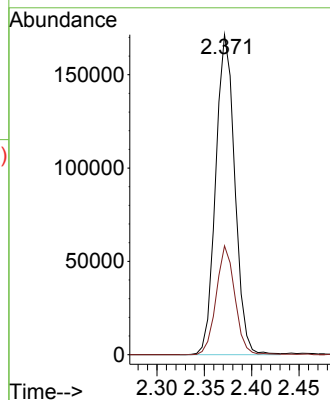
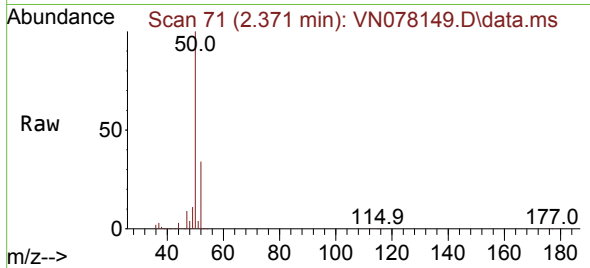




#3
Chloromethane
Concen: 52.060 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

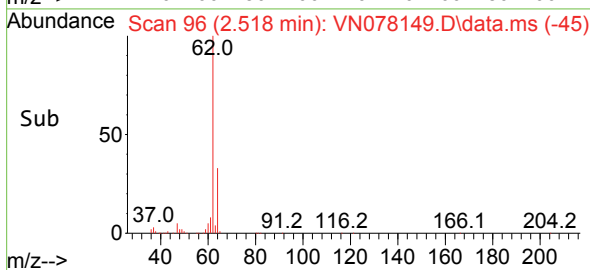
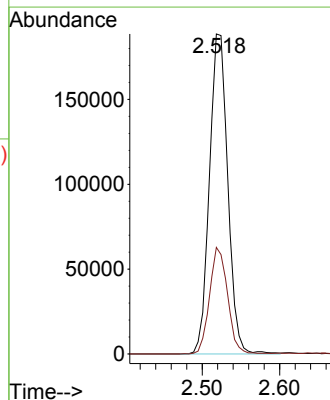
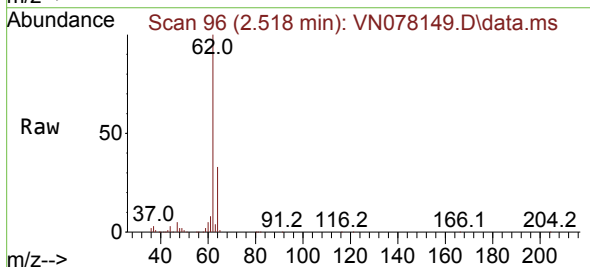
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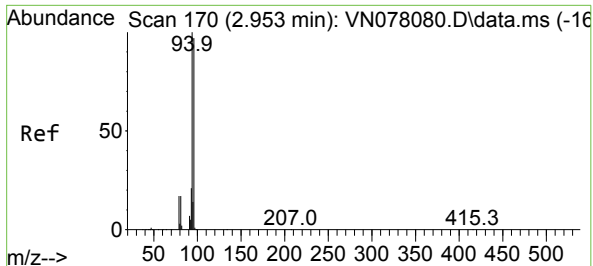
Tgt Ion: 50 Resp: 240677
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7



#4
Vinyl Chloride
Concen: 48.176 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Tgt Ion: 62 Resp: 310457
Ion Ratio Lower Upper
62 100
64 33.3 26.2 39.2

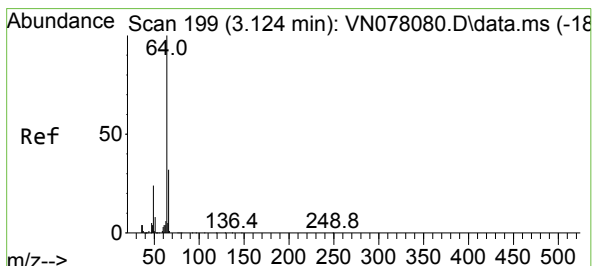
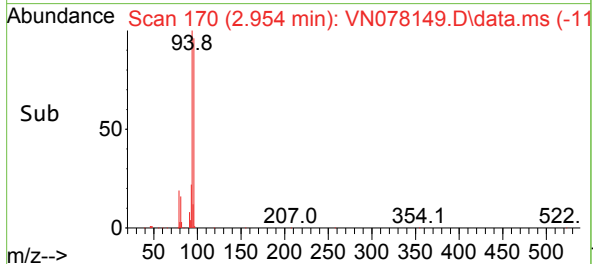
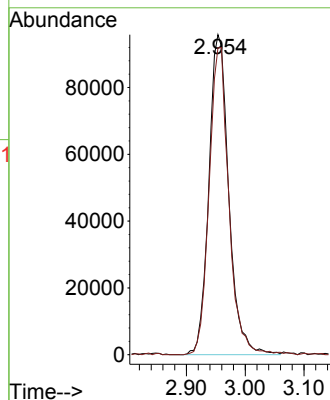
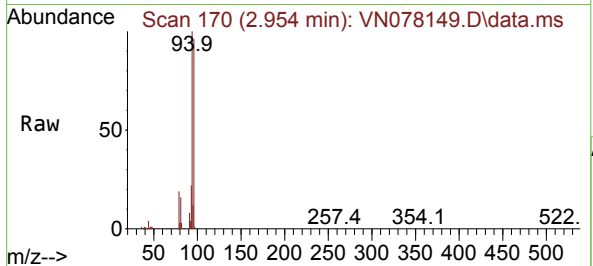




#5
Bromomethane
Concen: 46.254 ug/l
RT: 2.954 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

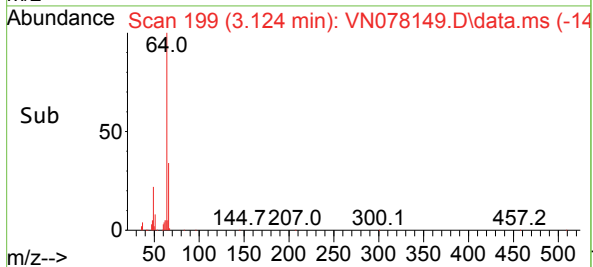
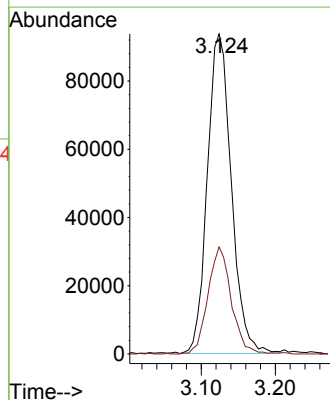
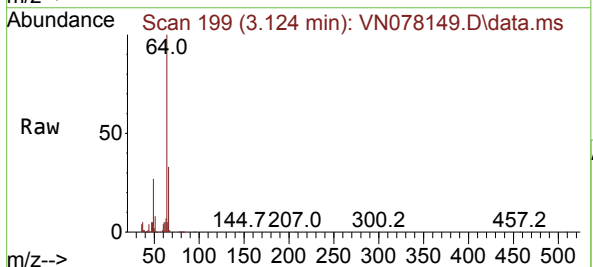
Instrument :
MSVOA_N
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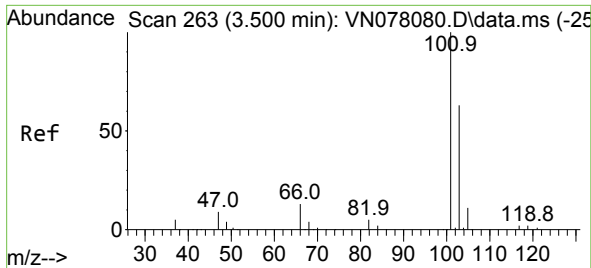
Tgt Ion: 94 Resp: 225259
Ion Ratio Lower Upper
94 100
96 95.9 73.1 109.7



#6
Chloroethane
Concen: 48.004 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

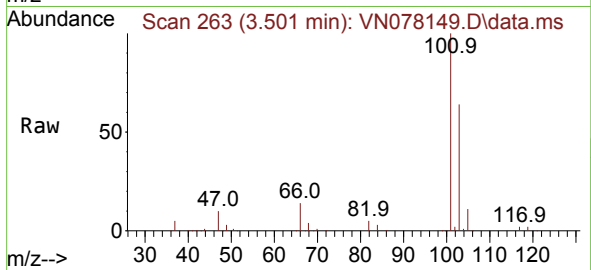
Tgt Ion: 64 Resp: 210879
Ion Ratio Lower Upper
64 100
66 33.5 25.4 38.2



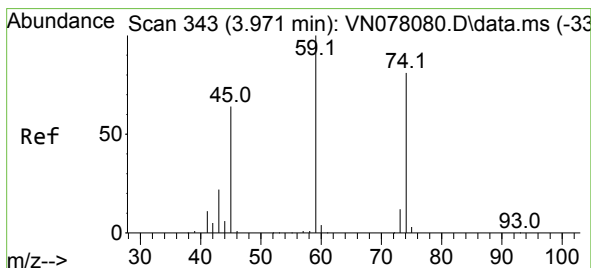
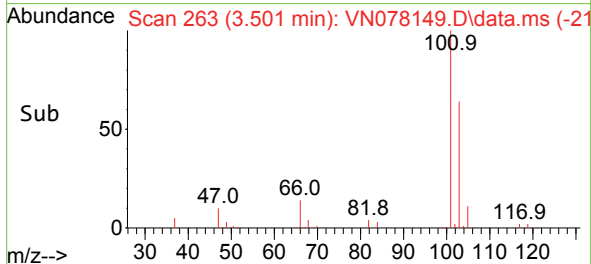
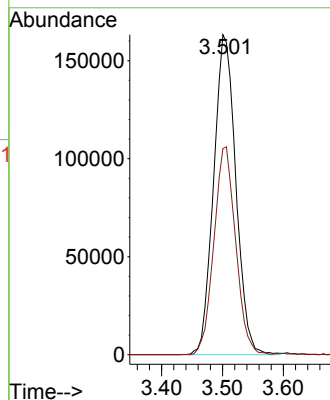


#7
Trichlorofluoromethane
Concen: 47.382 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Instrument :
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ClientSampleId :

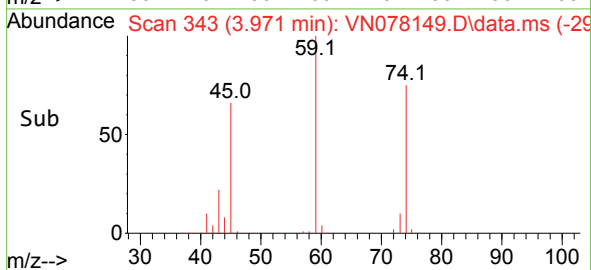
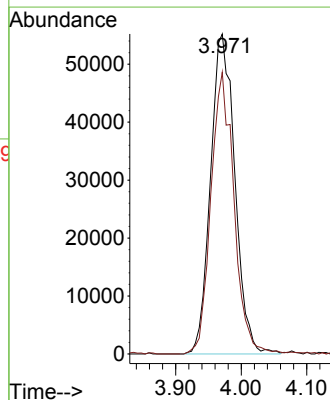
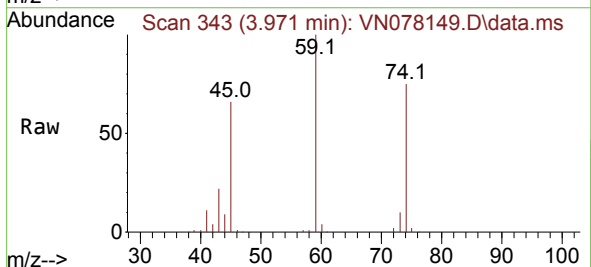


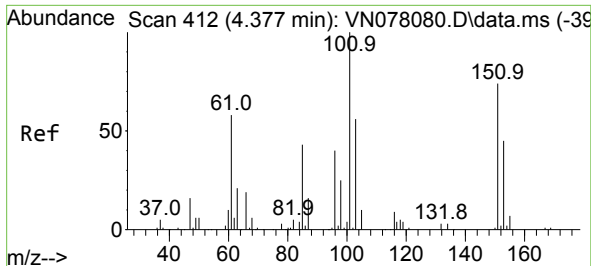
Tgt Ion:101 Resp: 414060
Ion Ratio Lower Upper
101 100
103 64.4 50.7 76.1



#8
Diethyl Ether
Concen: 46.311 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078149.D
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Tgt Ion: 74 Resp: 142198
Ion Ratio Lower Upper
74 100
45 83.3 34.4 103.3

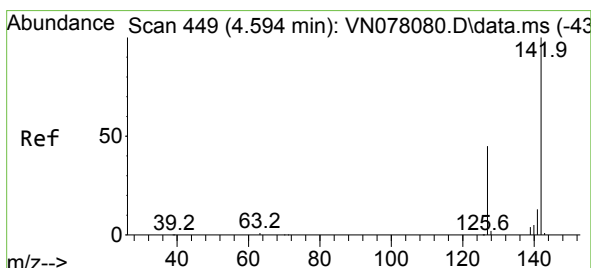
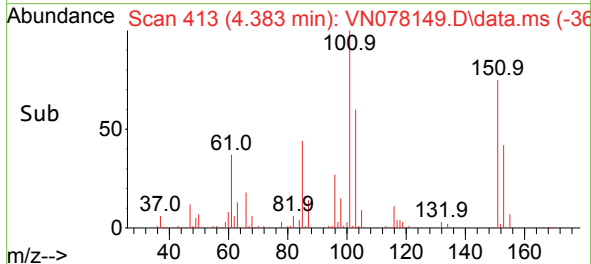
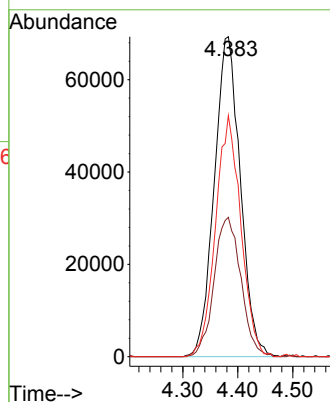
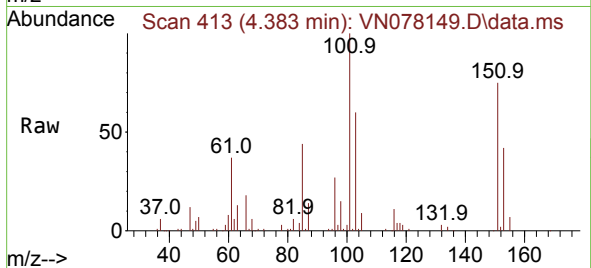




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.427 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
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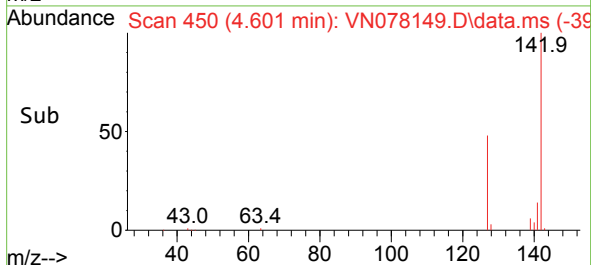
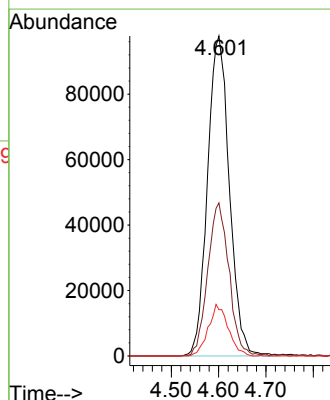
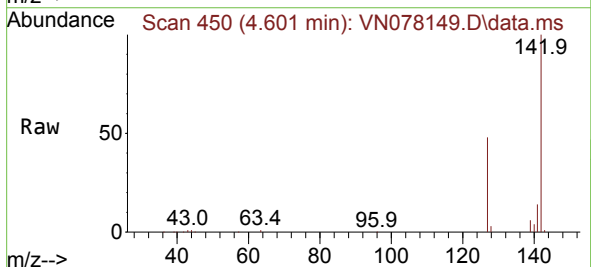
Instrument :
MSVOA_N
ClientSampleId :

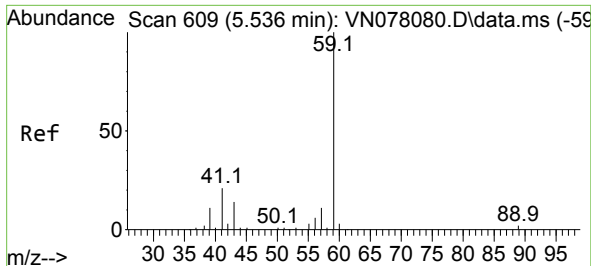
Tgt Ion:101 Resp: 227951
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 73.2 57.6 86.4



#10
Methyl Iodide
Concen: 48.074 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

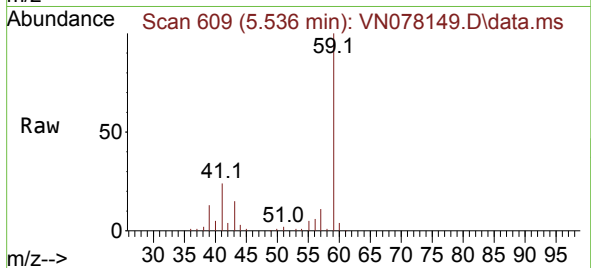
Tgt Ion:142 Resp: 313546
Ion Ratio Lower Upper
142 100
127 47.9 37.6 56.4
141 14.5 11.4 17.0



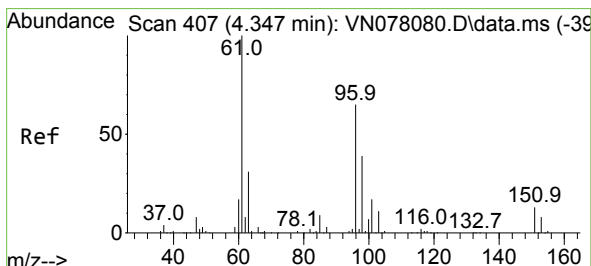
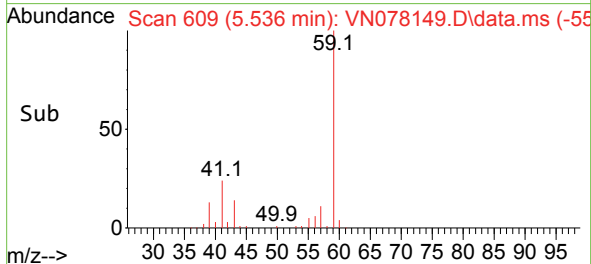
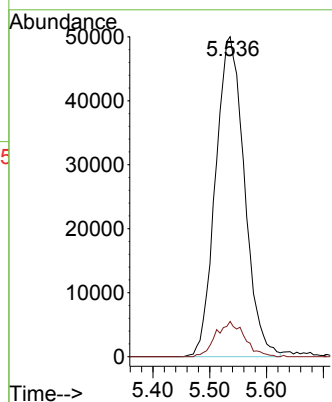


#11
Tert butyl alcohol
Concen: 219.896 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Instrument :
MSVOA_N
ClientSampleId :

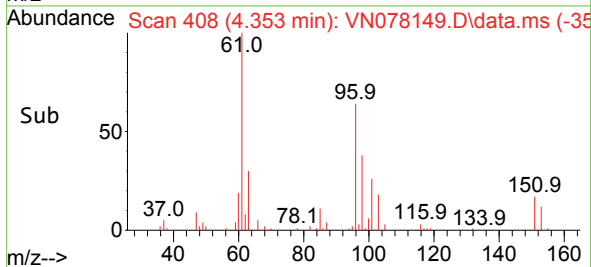
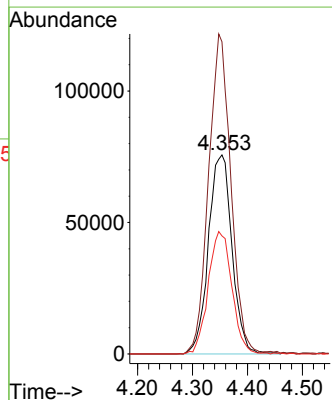
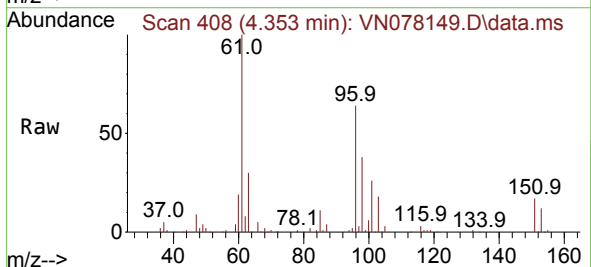


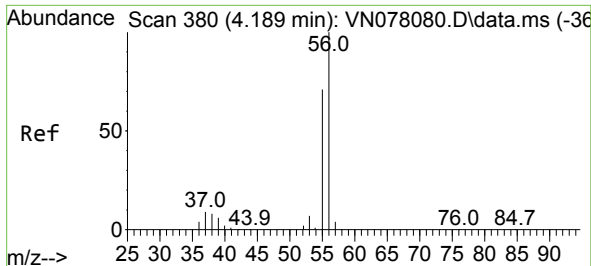
Tgt Ion: 59 Resp: 176247
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.476 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Tgt Ion: 96 Resp: 225704
Ion Ratio Lower Upper
96 100
61 156.6 112.7 169.1
98 59.3 51.2 76.8





#13

Acrolein

Concen: 233.669 ug/l

RT: 4.189 min Scan# 380

Delta R.T. 0.000 min

Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

Instrument :

MSVOA_N

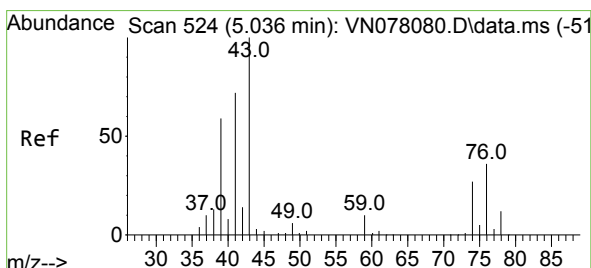
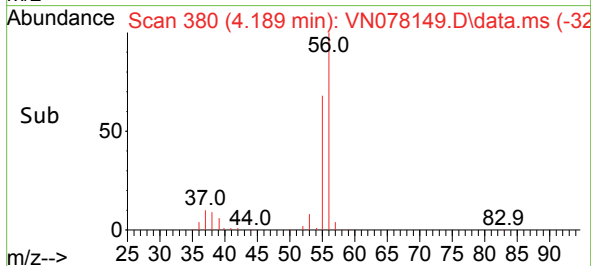
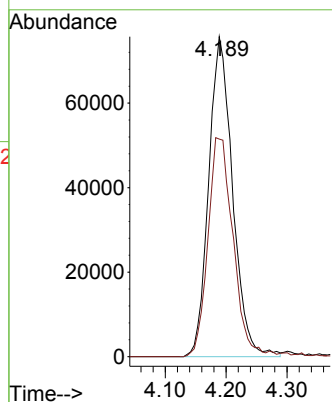
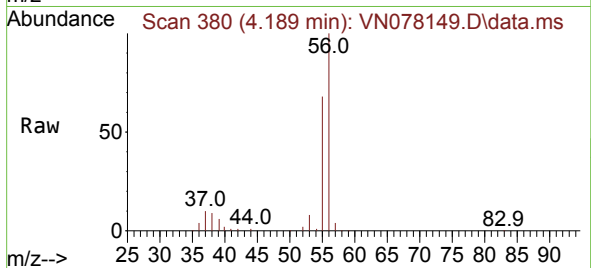
ClientSampleId :

Tgt Ion: 56 Resp: 206413

Ion Ratio Lower Upper

56 100

55 71.5 54.5 81.7



#14

Allyl chloride

Concen: 49.049 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.000 min

Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

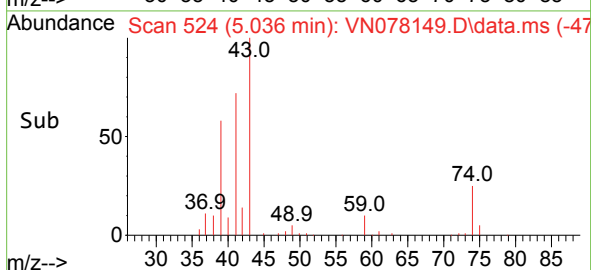
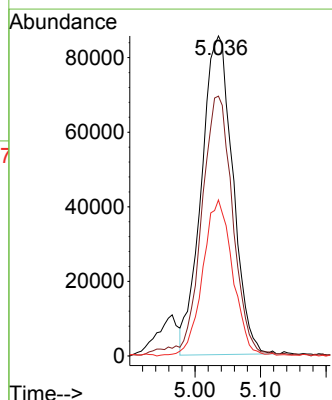
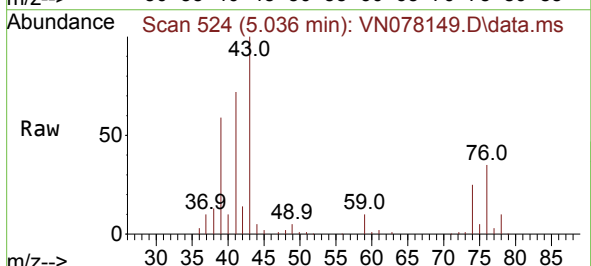
Tgt Ion: 41 Resp: 284650

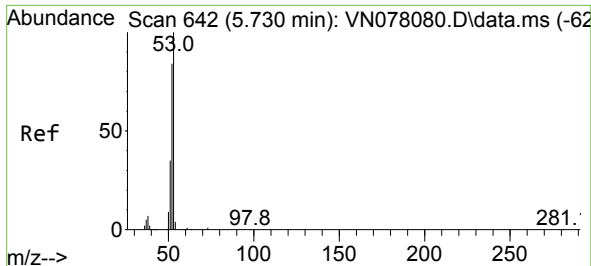
Ion Ratio Lower Upper

41 100

39 82.2 58.8 88.2

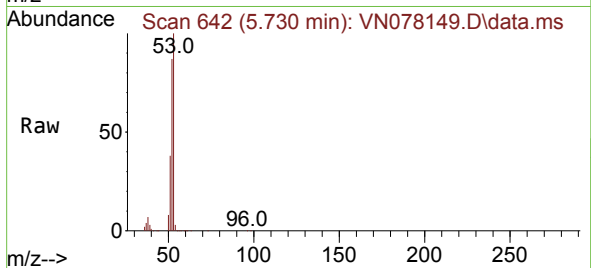
76 46.8 39.1 58.7



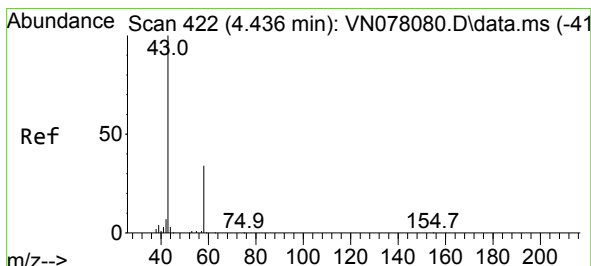
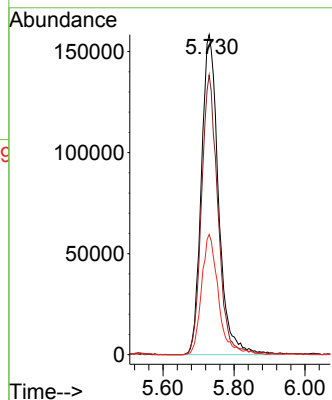
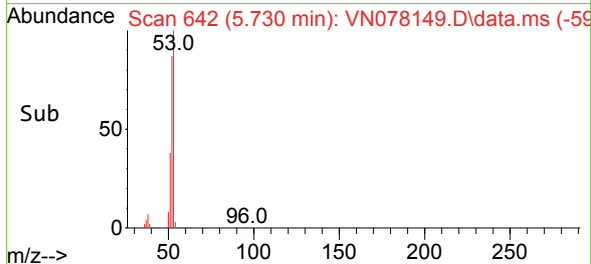


#15
Acrylonitrile
Concen: 257.526 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Instrument :
MSVOA_N
ClientSampleId :

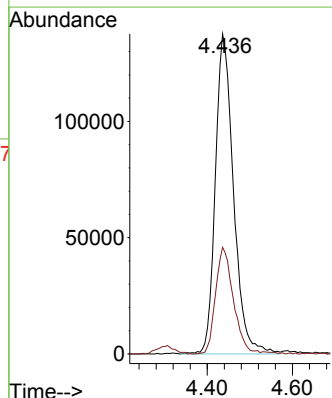
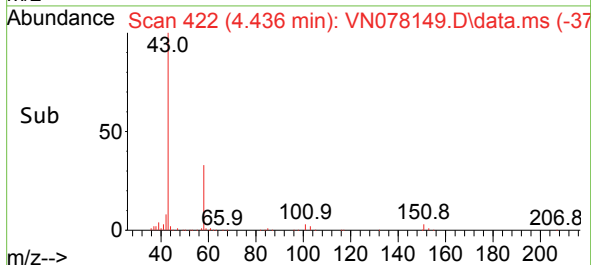
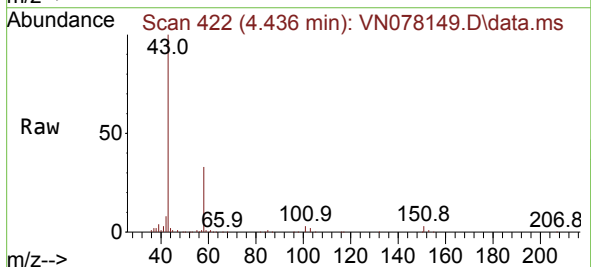


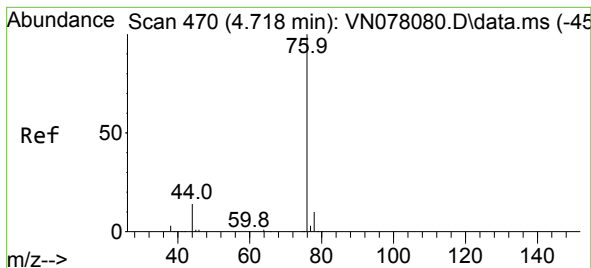
Tgt Ion: 53 Resp: 532149
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 37.3 28.9 43.3



#16
Acetone
Concen: 244.064 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Tgt Ion: 43 Resp: 407779
Ion Ratio Lower Upper
43 100
58 33.0 28.0 42.0





#17

Carbon Disulfide

Concen: 46.073 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

Instrument :

MSVOA_N

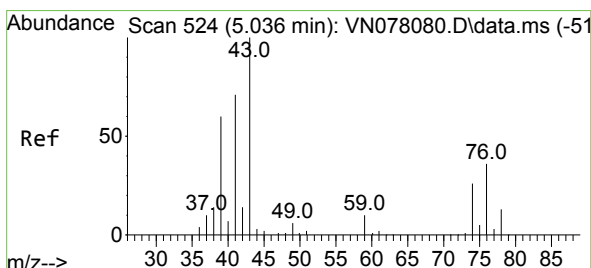
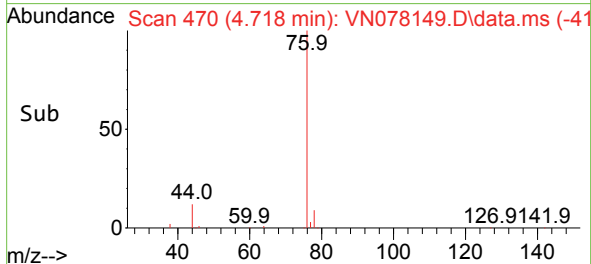
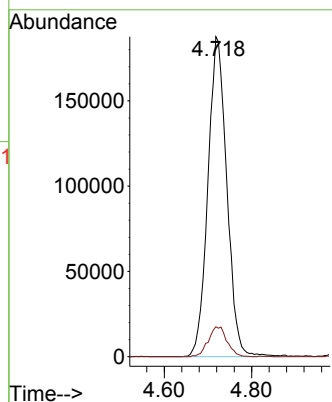
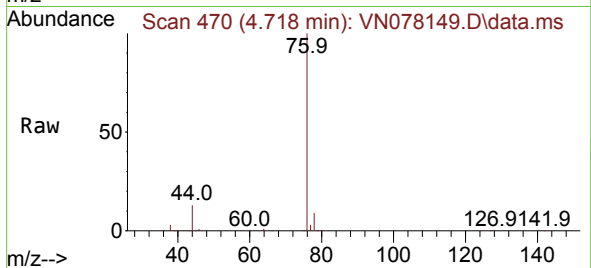
ClientSampleId :

Tgt Ion: 76 Resp: 563782

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



#18

Methyl Acetate

Concen: 49.646 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.000 min

Lab File: VN078149.D

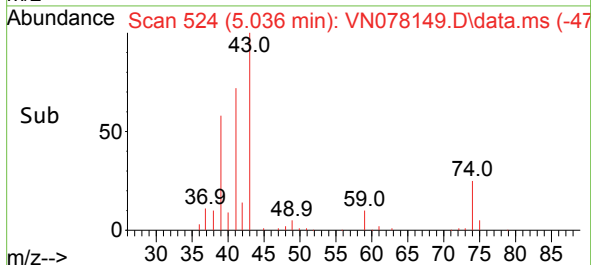
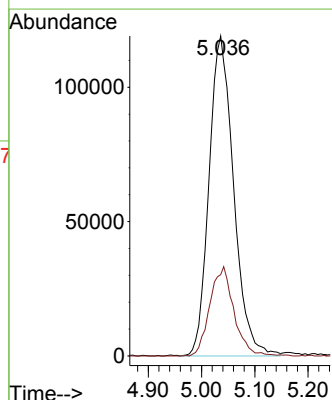
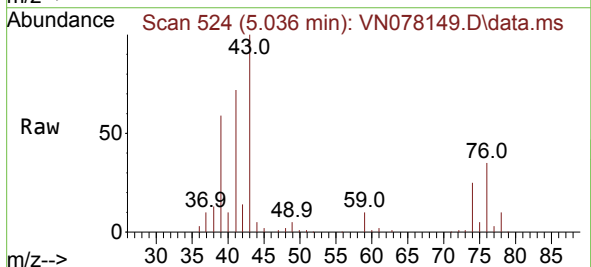
Acq: 09 Jun 2023 16:34

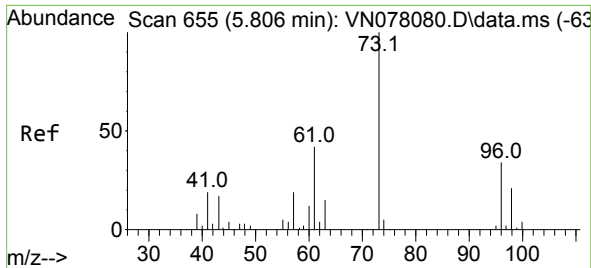
Tgt Ion: 43 Resp: 381891

Ion Ratio Lower Upper

43 100

74 27.3 26.2 39.4

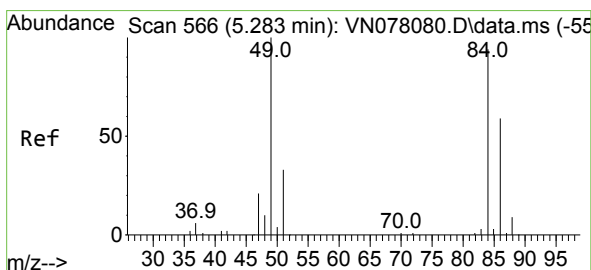
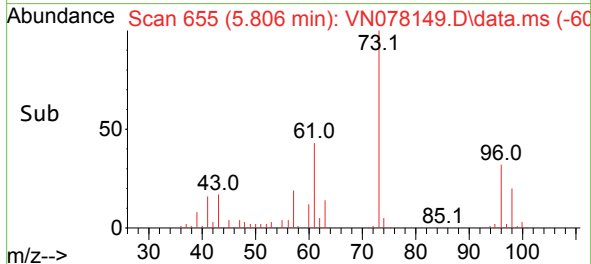
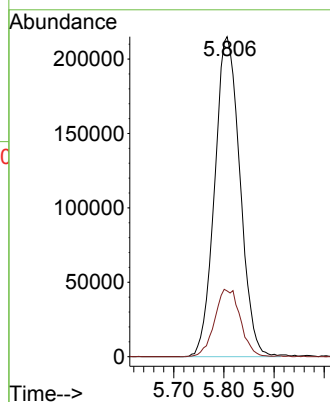
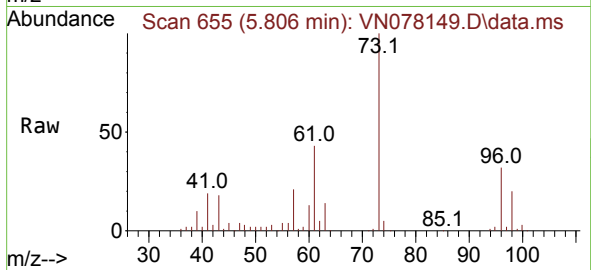




#19
Methyl tert-butyl Ether
Concen: 49.652 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

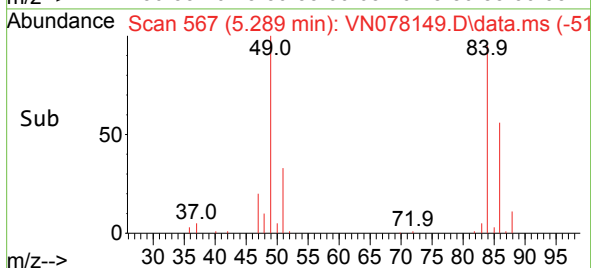
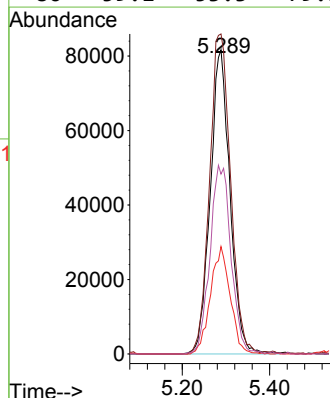
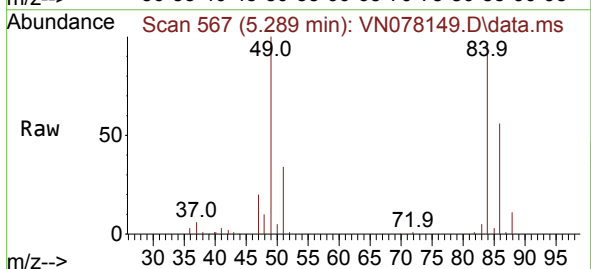
Instrument :
MSVOA_N
ClientSampleId :

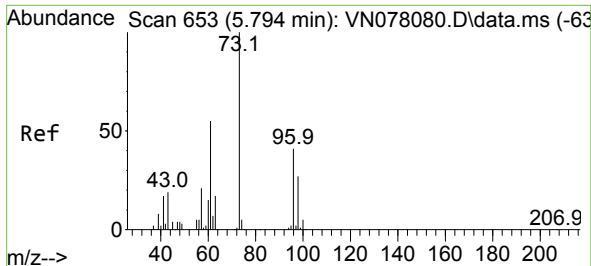
Tgt Ion: 73 Resp: 753145
Ion Ratio Lower Upper
73 100
57 20.5 15.6 23.4



#20
Methylene Chloride
Concen: 46.495 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

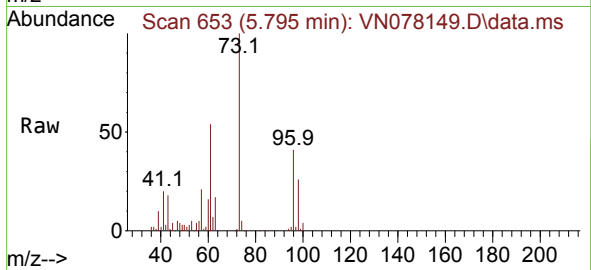
Tgt Ion: 84 Resp: 256706
Ion Ratio Lower Upper
84 100
49 105.2 79.7 119.5
51 35.3 25.2 37.8
86 59.1 53.3 79.9



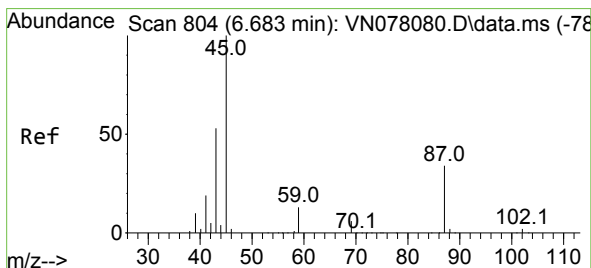
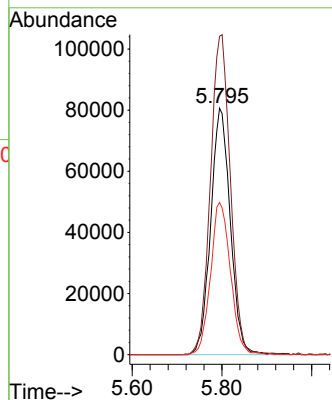
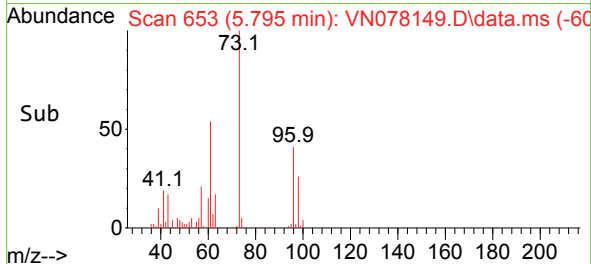


#21
trans-1,2-Dichloroethene
Concen: 47.760 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

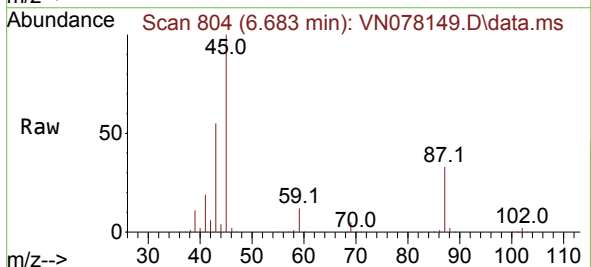
Instrument :
MSVOA_N
ClientSampleId :



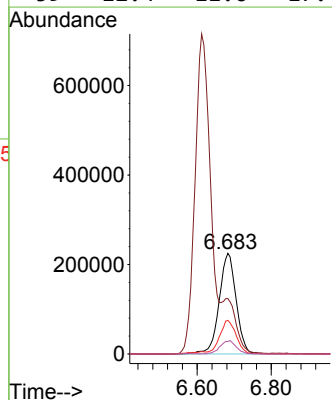
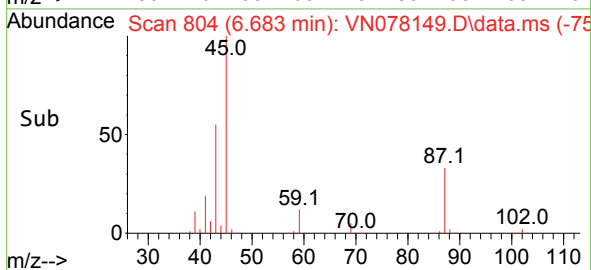
Tgt Ion: 96 Resp: 244893
Ion Ratio Lower Upper
96 100
61 129.1 90.1 135.1
98 61.7 46.4 69.6

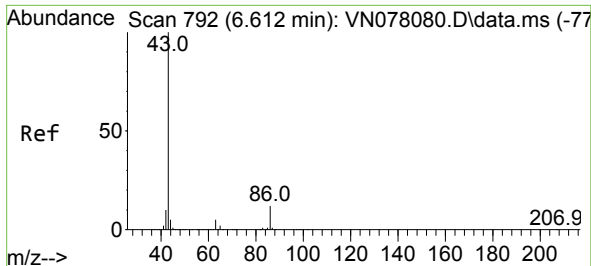


#22
Diisopropyl ether
Concen: 52.429 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34



Tgt Ion: 45 Resp: 715703
Ion Ratio Lower Upper
45 100
43 54.3 45.5 68.3
87 33.2 31.8 47.8
59 12.4 11.6 17.4

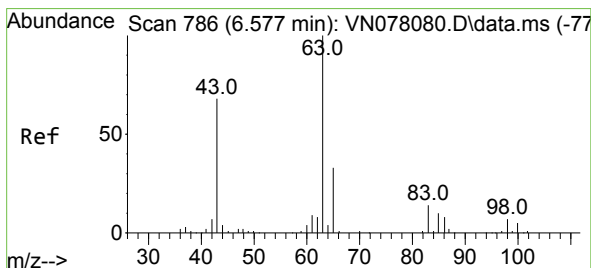
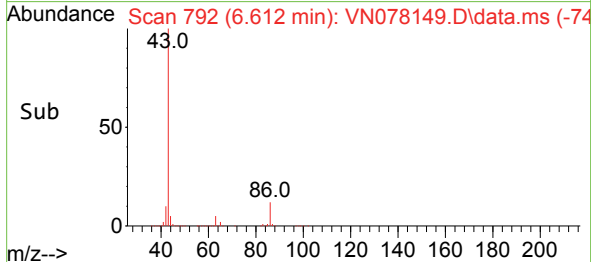
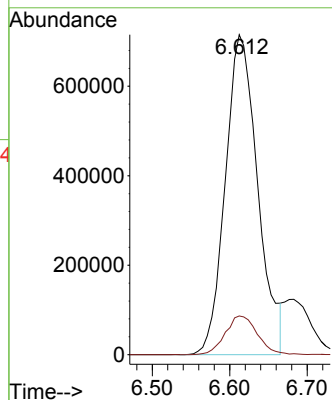
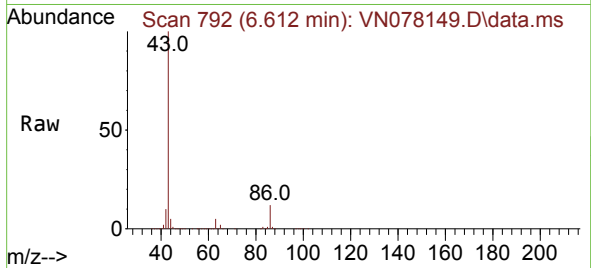




#23
 Vinyl Acetate
 Concen: 256.478 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078149.D
 Acq: 09 Jun 2023 16:34

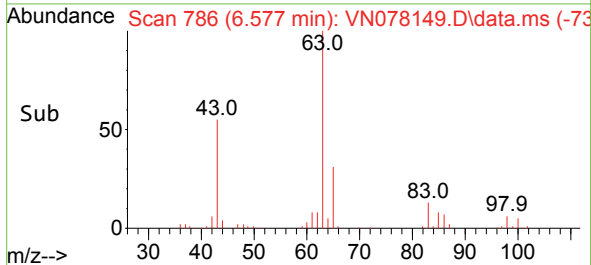
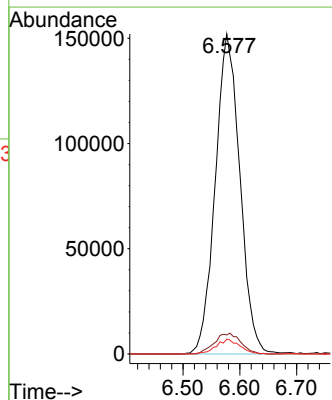
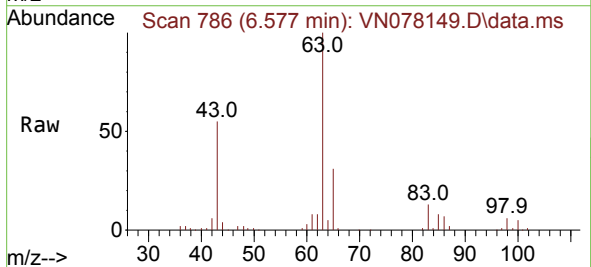
Instrument :
 MSVOA_N
 ClientSampleId :

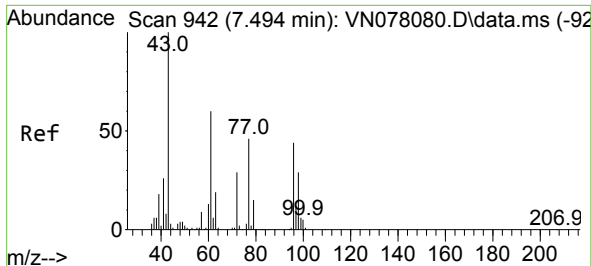
Tgt Ion: 43 Resp: 2081220
 Ion Ratio Lower Upper
 43 100
 86 12.1 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 50.787 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078149.D
 Acq: 09 Jun 2023 16:34

Tgt Ion: 63 Resp: 457346
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.9 11.7
 100 4.7 2.5 7.4

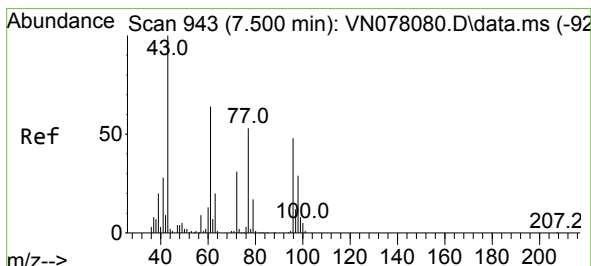
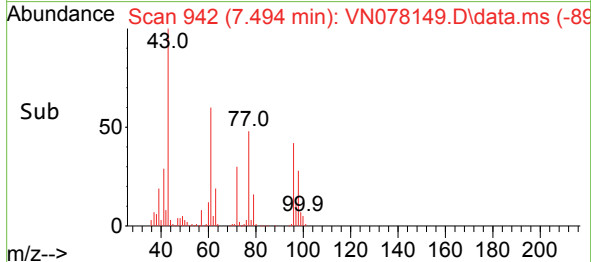
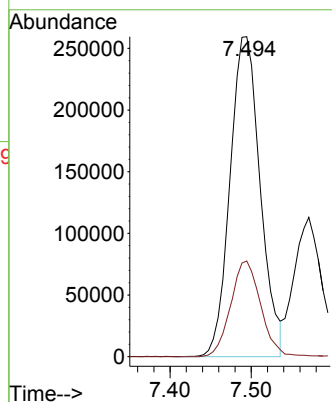
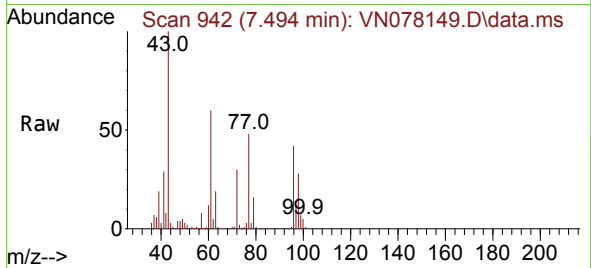




#25
2-Butanone
Concen: 261.354 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

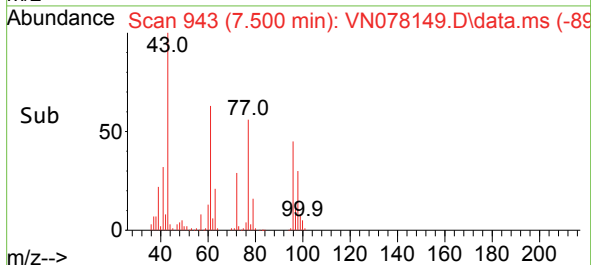
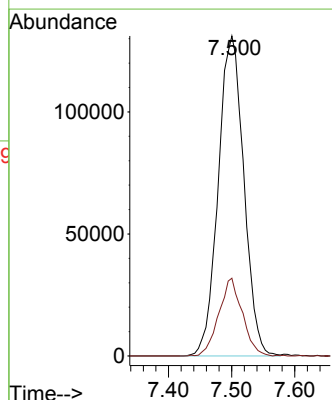
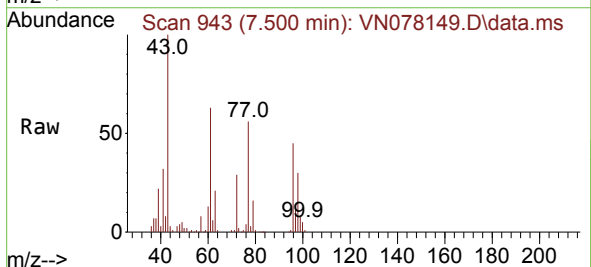
Instrument :
MSVOA_N
ClientSampleId :

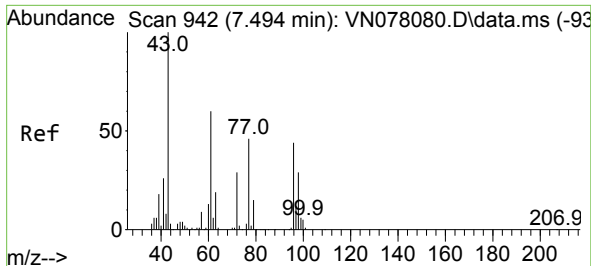
Tgt Ion: 43 Resp: 671500
Ion Ratio Lower Upper
43 100
72 29.9 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 55.608 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

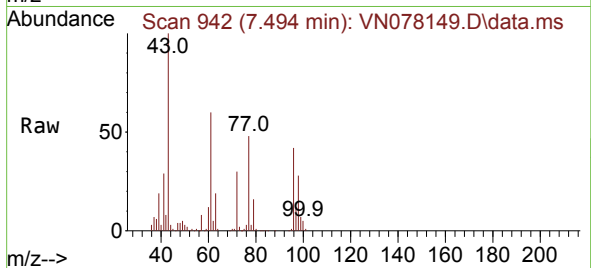
Tgt Ion: 77 Resp: 369747
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.6



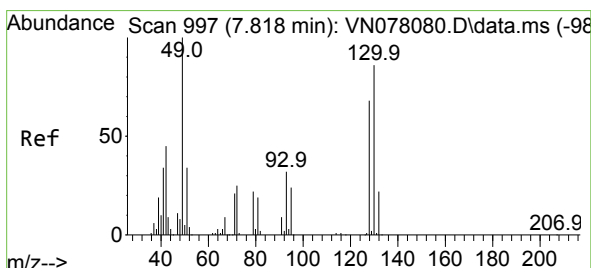
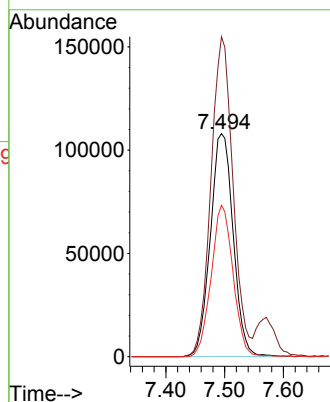
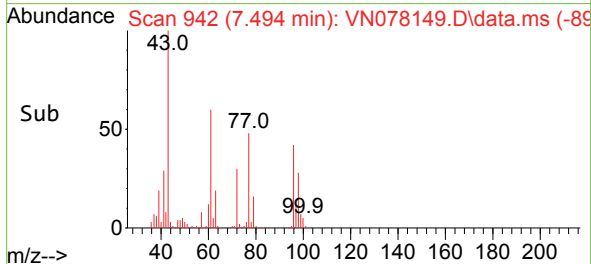


#27
 cis-1,2-Dichloroethene
 Concen: 47.645 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078149.D
 Acq: 09 Jun 2023 16:34

Instrument :
 MSVOA_N
 ClientSampleId :

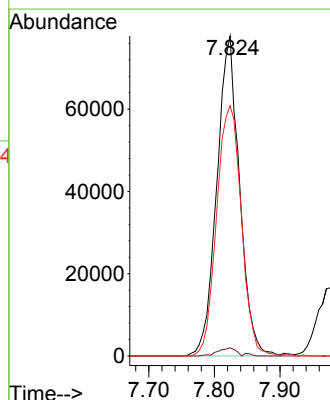
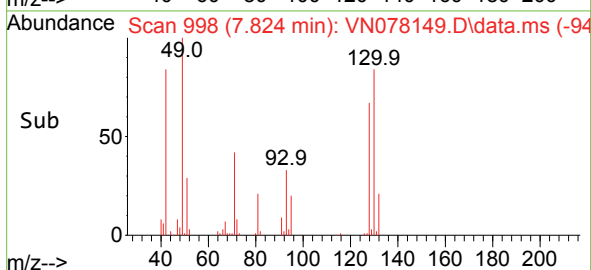
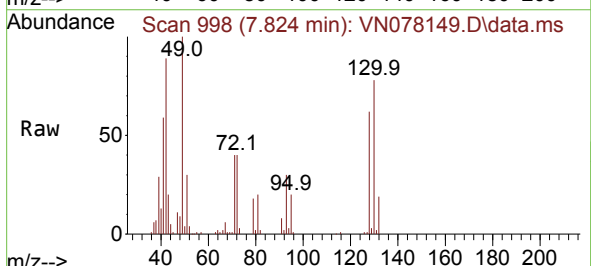


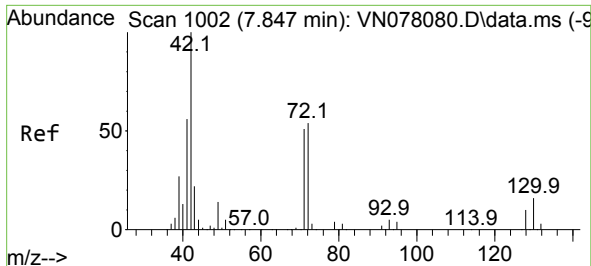
Tgt Ion: 96 Resp: 291412
 Ion Ratio Lower Upper
 96 100
 61 138.9 0.0 255.2
 98 65.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 45.126 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078149.D
 Acq: 09 Jun 2023 16:34

Tgt Ion: 49 Resp: 186577
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 85.1 75.3 112.9

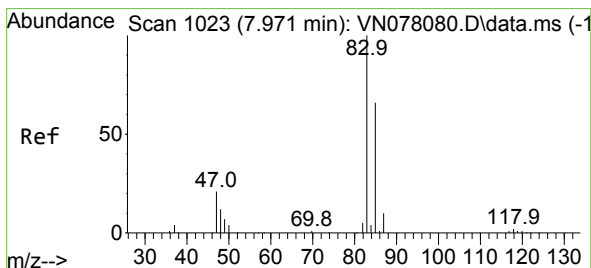
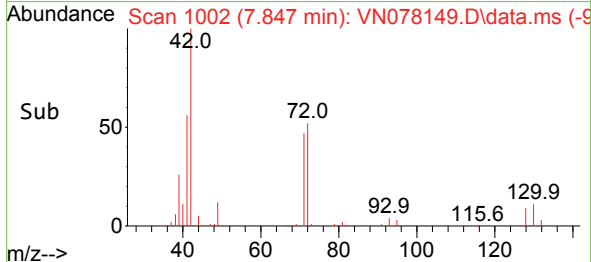
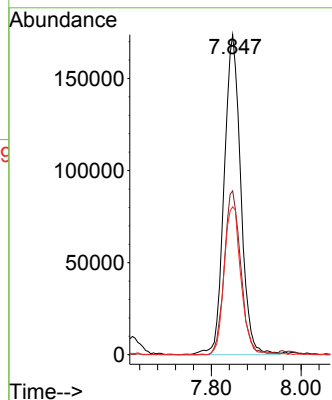
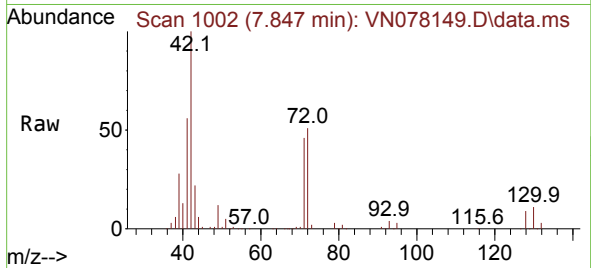




#29
Tetrahydrofuran
Concen: 260.812 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

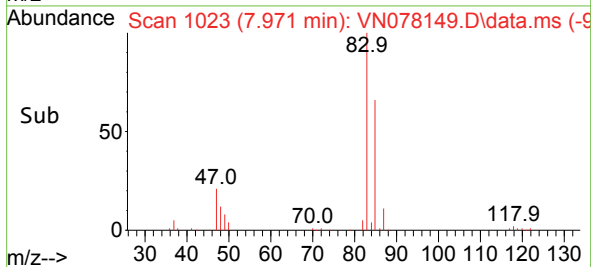
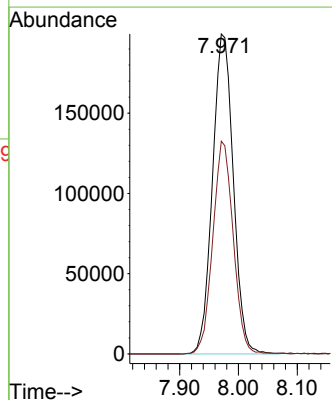
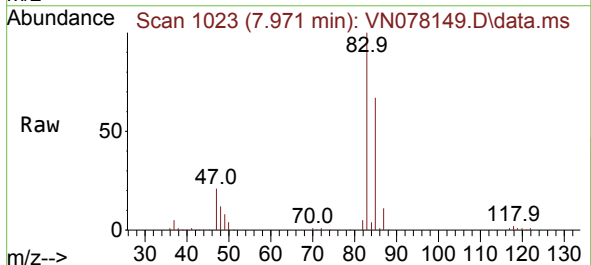
Instrument :
MSVOA_N
ClientSampleId :

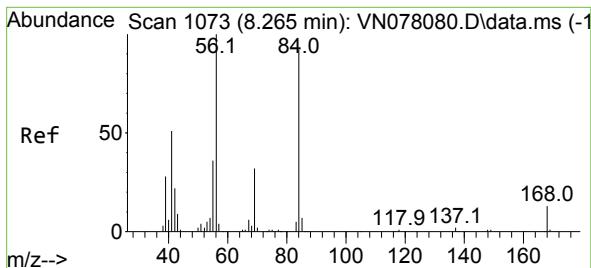
Tgt Ion: 42 Resp: 447972
Ion Ratio Lower Upper
42 100
72 51.0 49.8 74.6
71 47.4 47.4 71.2#



#30
Chloroform
Concen: 50.608 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Tgt Ion: 83 Resp: 490736
Ion Ratio Lower Upper
83 100
85 66.5 55.4 83.0





#31

Cyclohexane

Concen: 49.549 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

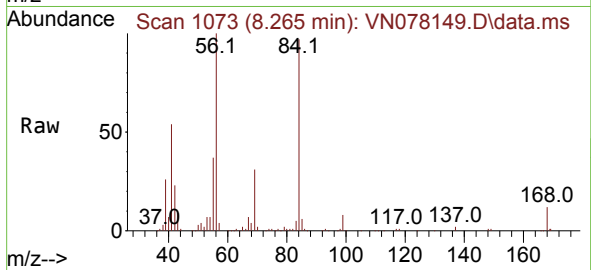
Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :



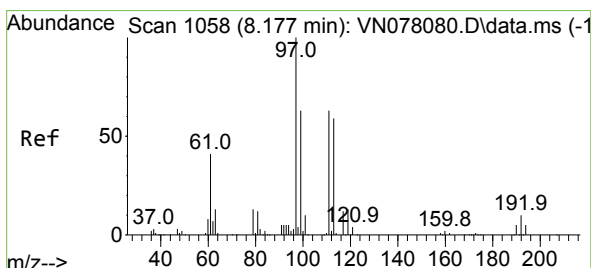
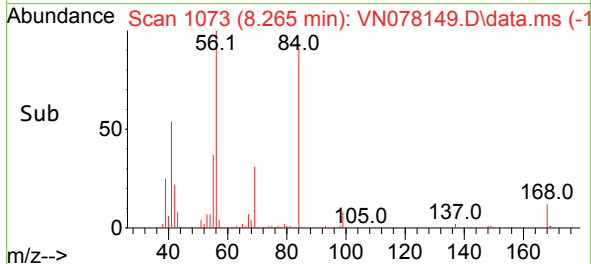
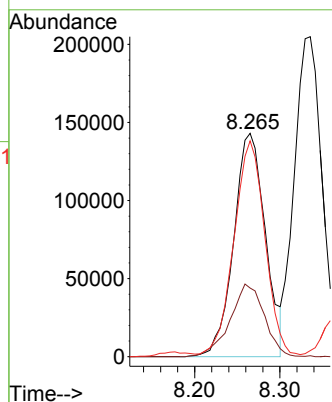
Tgt Ion: 56 Resp: 368942

Ion Ratio Lower Upper

56 100

69 30.7 26.8 40.2

84 94.9 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 51.205 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

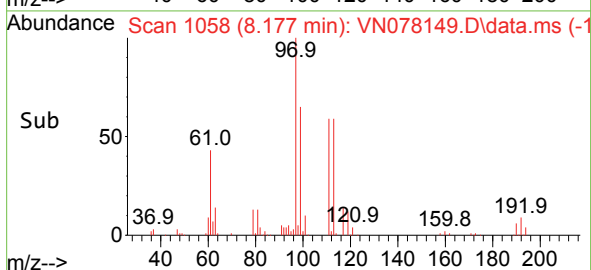
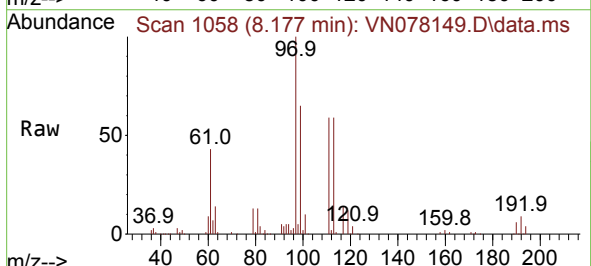
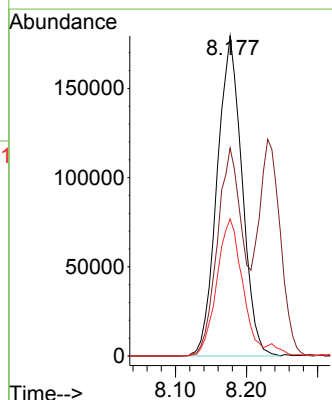
Tgt Ion: 97 Resp: 435918

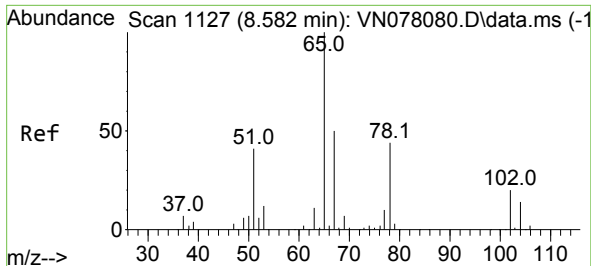
Ion Ratio Lower Upper

97 100

99 66.8 50.3 75.5

61 44.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.481 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

Instrument :

MSVOA_N

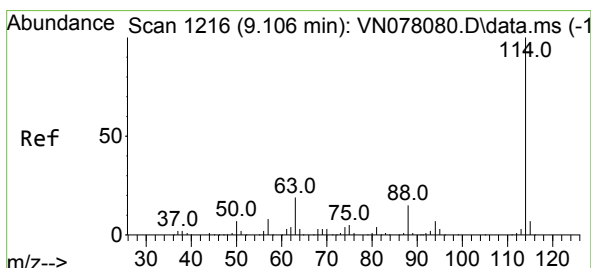
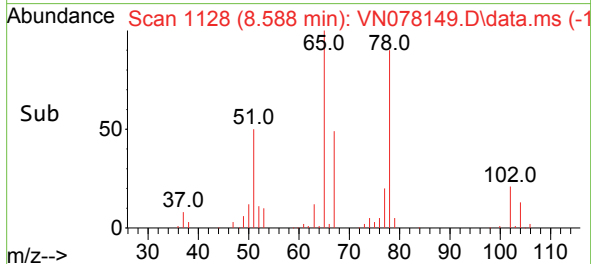
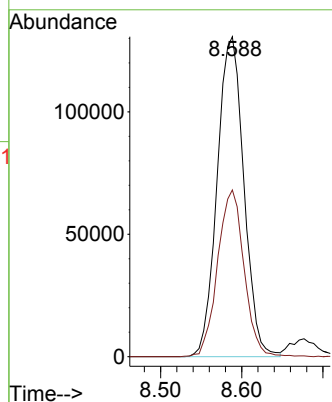
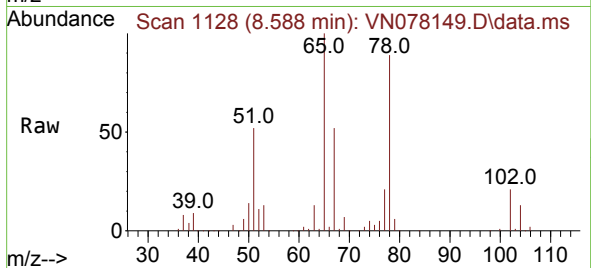
ClientSampleId :

Tgt Ion: 65 Resp: 298830

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

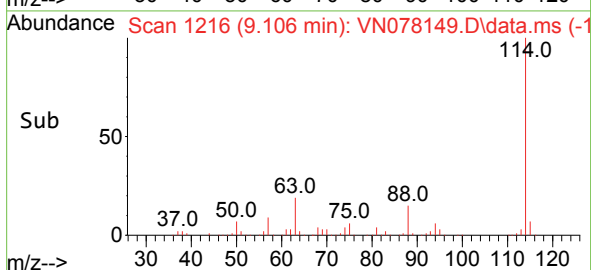
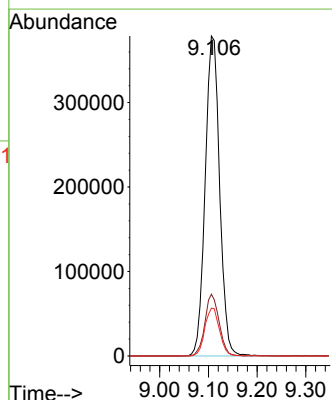
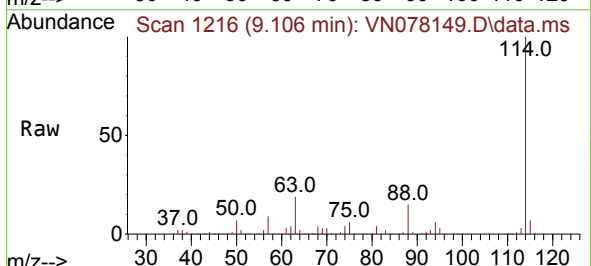
Tgt Ion: 114 Resp: 780451

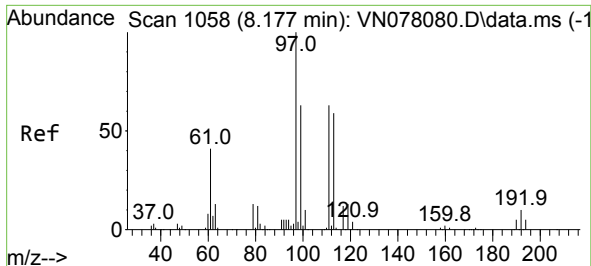
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

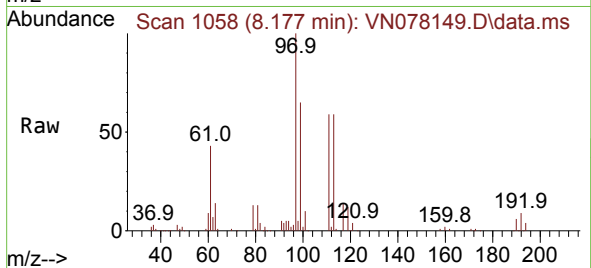
88 14.9 0.0 30.6



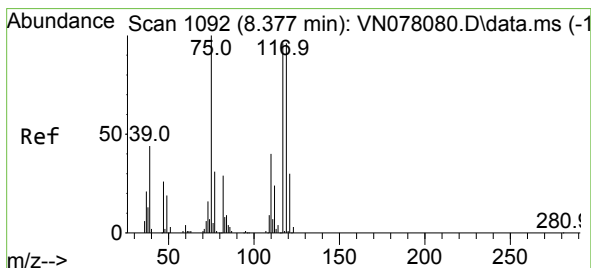
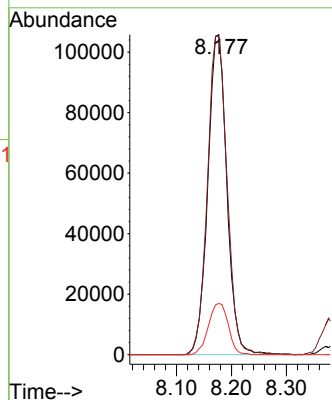
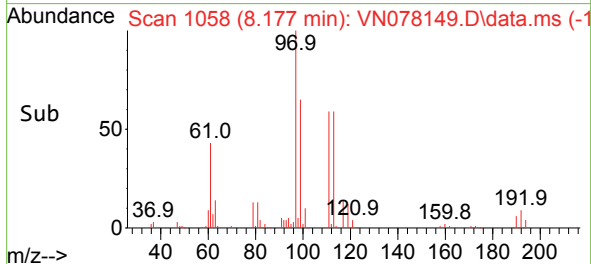


#35
Dibromofluoromethane
Concen: 51.501 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

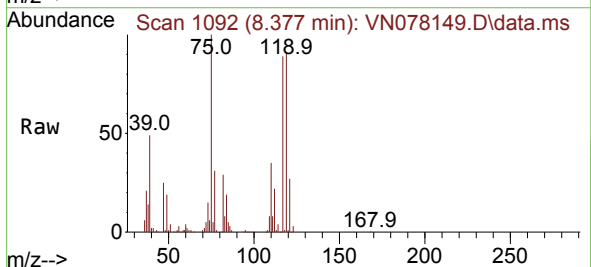
Instrument :
MSVOA_N
ClientSampleId :



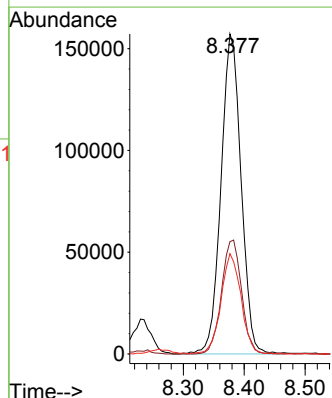
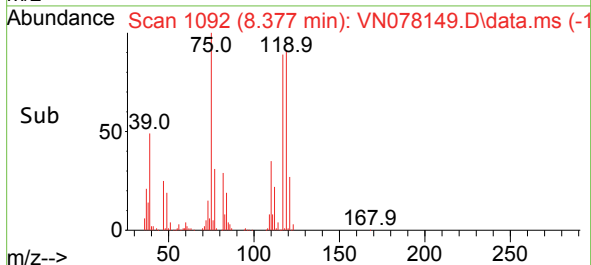
Tgt Ion:113 Resp: 254143
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 16.7 12.7 19.1

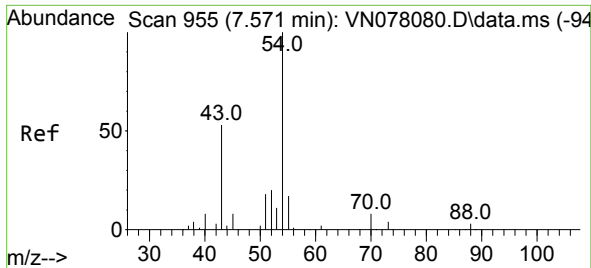


#36
1,1-Dichloropropene
Concen: 50.911 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34



Tgt Ion: 75 Resp: 360362
Ion Ratio Lower Upper
75 100
110 35.6 19.1 57.3
77 31.3 25.0 37.4

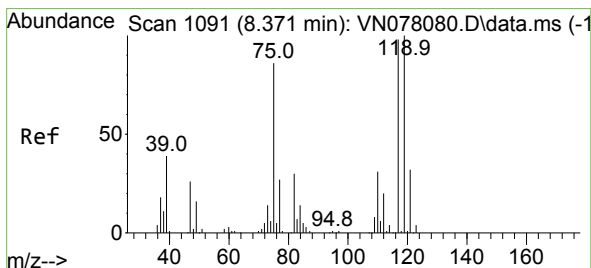
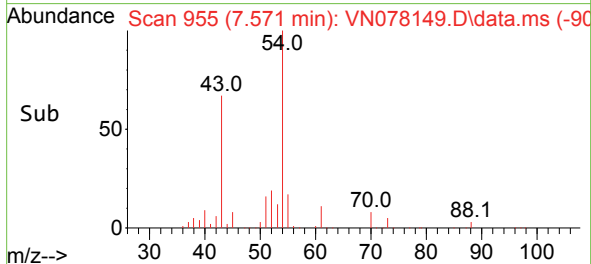
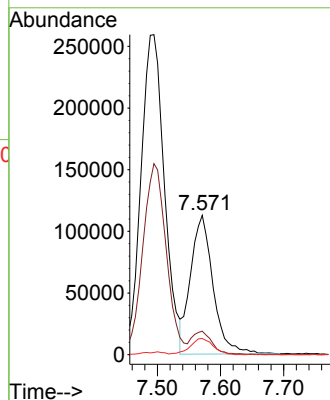
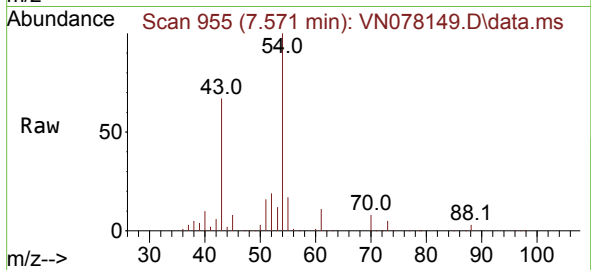




#37
Ethyl Acetate
Concen: 50.536 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

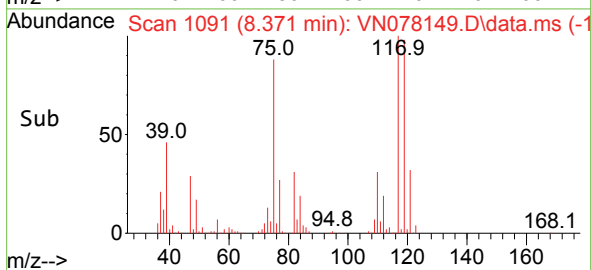
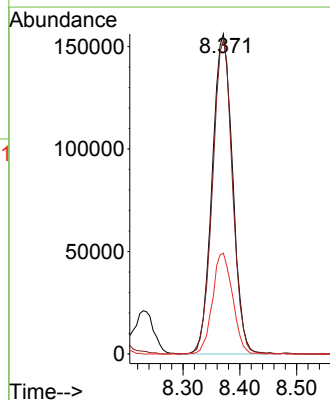
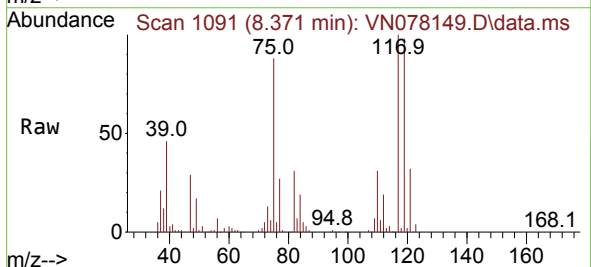
Instrument :
MSVOA_N
ClientSampleId :

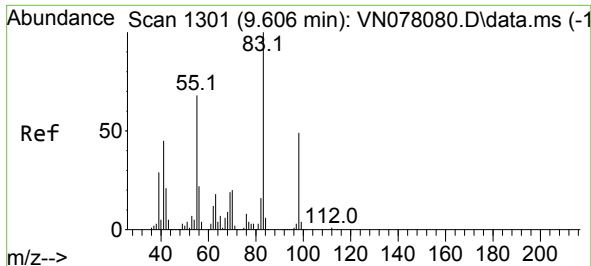
Tgt Ion: 43 Resp: 279437
Ion Ratio Lower Upper
43 100
61 14.6 13.2 19.8
70 12.0 11.3 16.9



#38
Carbon Tetrachloride
Concen: 52.075 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Tgt Ion: 117 Resp: 389208
Ion Ratio Lower Upper
117 100
119 98.2 77.3 115.9
121 31.5 23.3 34.9





#39

Methylcyclohexane

Concen: 51.684 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :

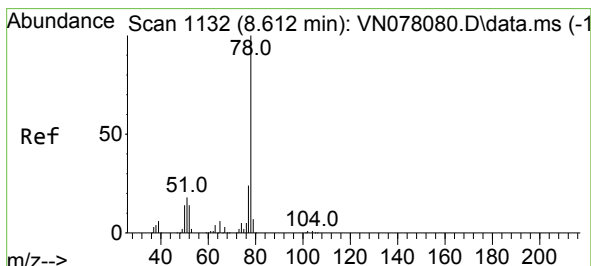
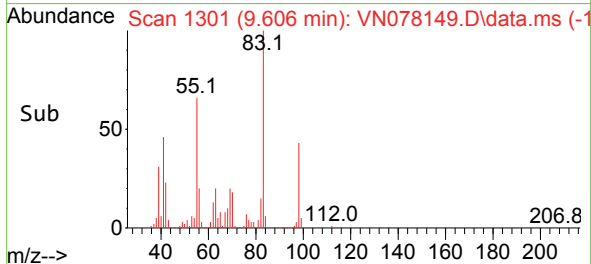
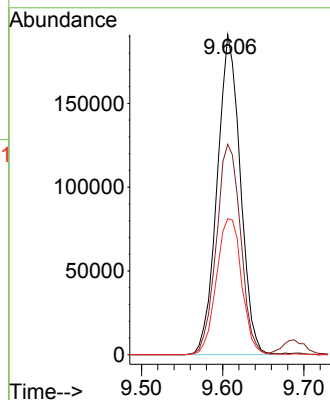
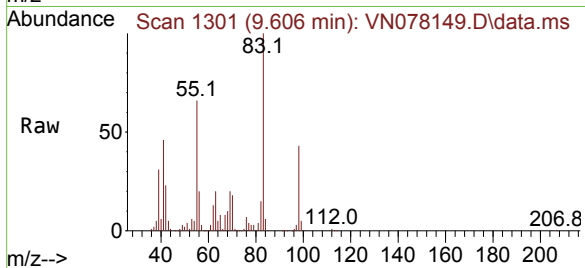
Tgt Ion: 83 Resp: 379120

Ion Ratio Lower Upper

83 100

55 65.7 49.1 73.7

98 42.5 40.6 61.0



#40

Benzene

Concen: 50.994 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078149.D

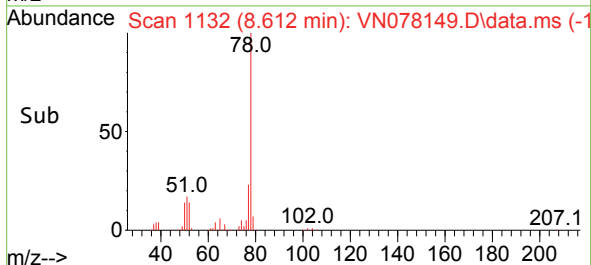
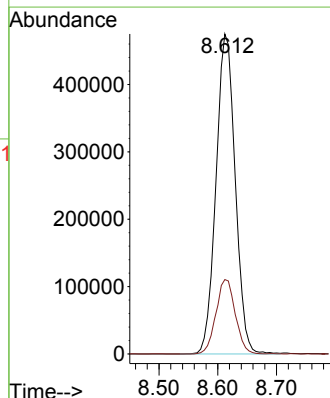
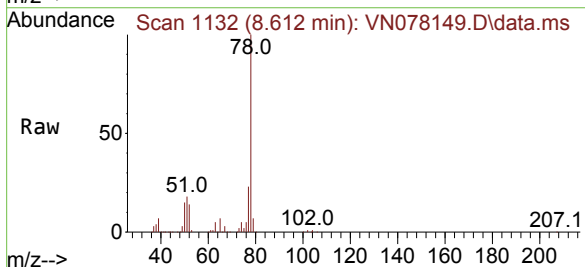
Acq: 09 Jun 2023 16:34

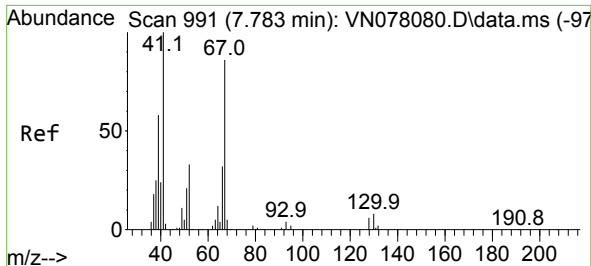
Tgt Ion: 78 Resp: 1077591

Ion Ratio Lower Upper

78 100

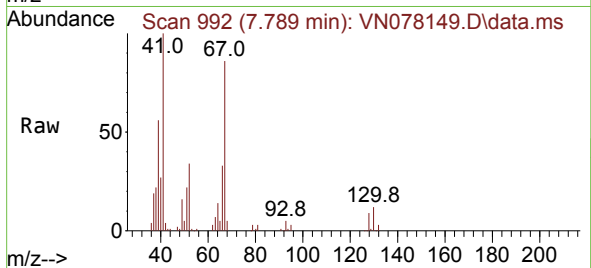
77 23.3 19.0 28.6



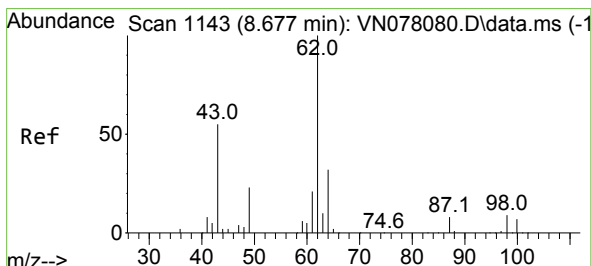
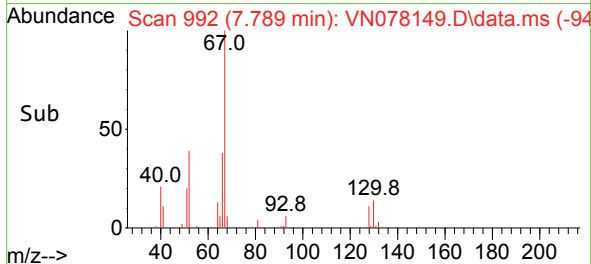
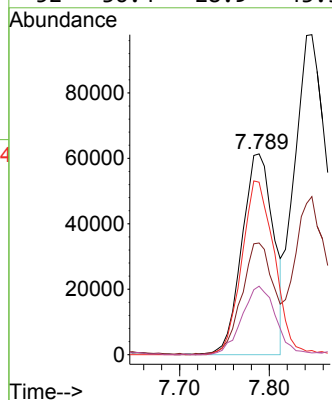


#41
Methacrylonitrile
Concen: 50.219 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Instrument :
MSVOA_N
ClientSampleId :

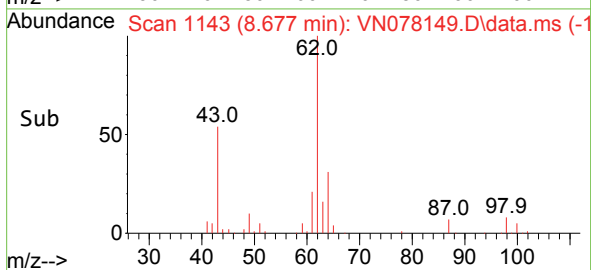
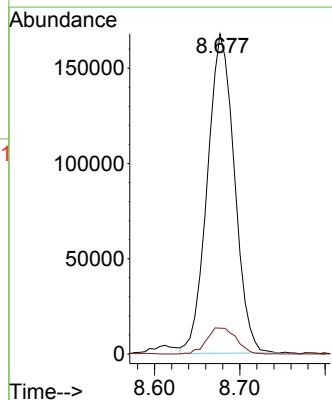
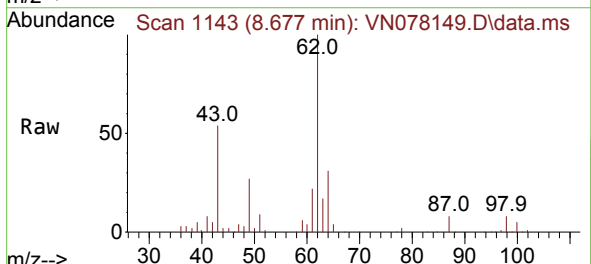


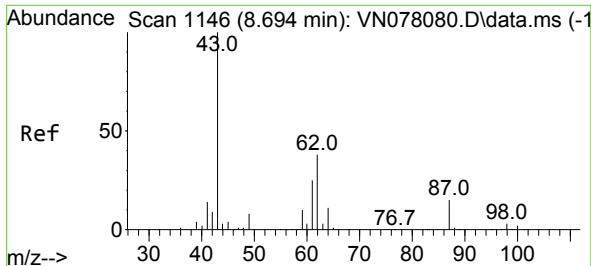
Tgt Ion:	41	Resp:	150515
Ion Ratio	Lower	Upper	
41	100		
39	56.0	42.6	64.0
67	89.6	77.5	116.3
52	36.4	28.9	43.3



#42
1,2-Dichloroethane
Concen: 51.117 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Tgt Ion:	62	Resp:	370358
Ion Ratio	Lower	Upper	
62	100		
98	8.9	0.0	19.8

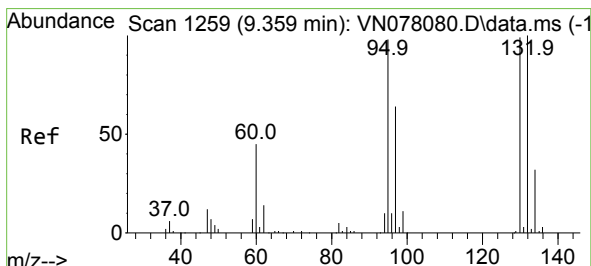
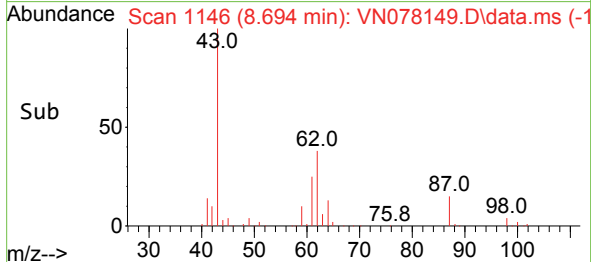
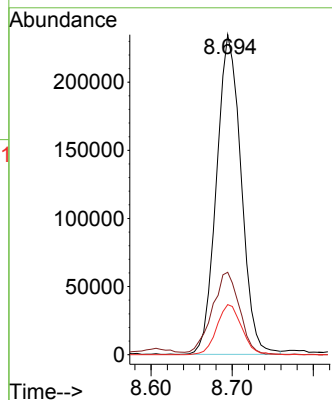
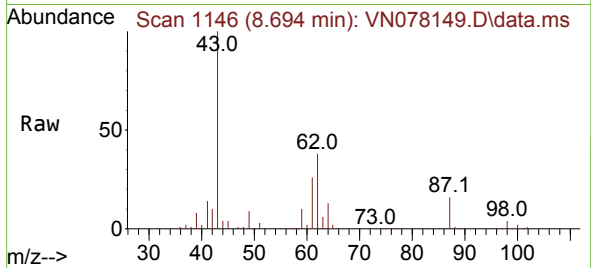




#43
Isopropyl Acetate
Concen: 46.752 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

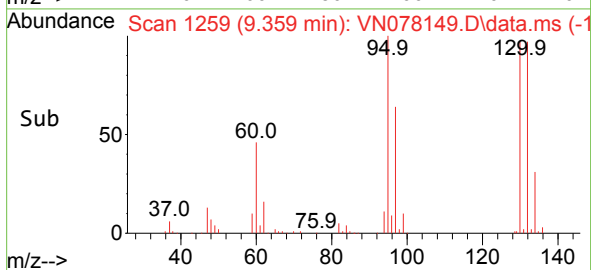
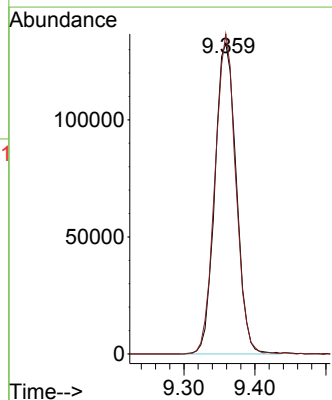
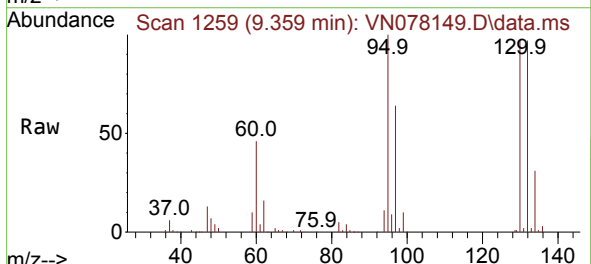
Instrument :
MSVOA_N
ClientSampleId :

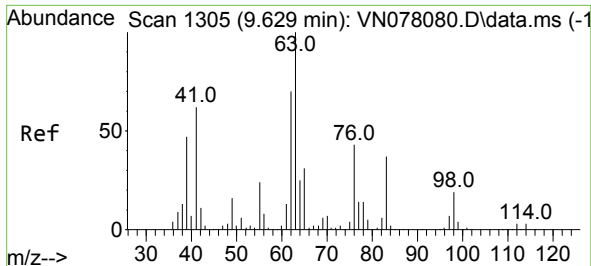
Tgt Ion: 43 Resp: 494399
Ion Ratio Lower Upper
43 100
61 28.7 24.7 37.1
87 15.8 14.6 21.8



#44
Trichloroethene
Concen: 49.671 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Tgt Ion:130 Resp: 277194
Ion Ratio Lower Upper
130 100
95 103.0 0.0 204.6

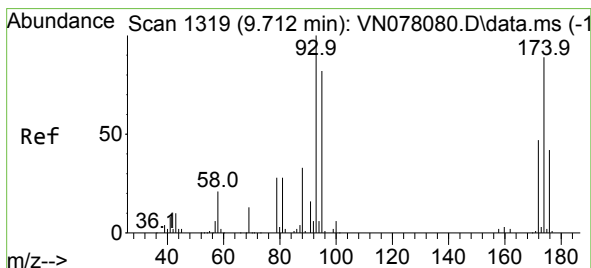
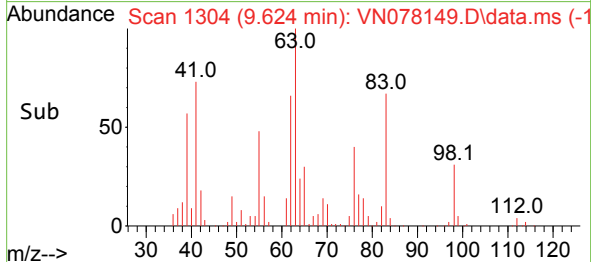
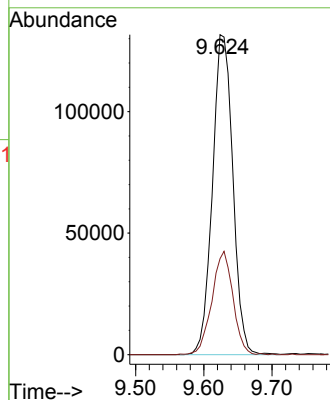
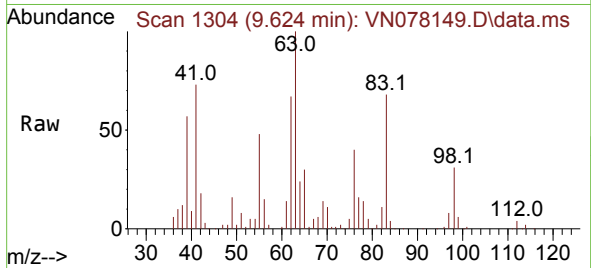




#45
1,2-Dichloropropane
Concen: 52.117 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

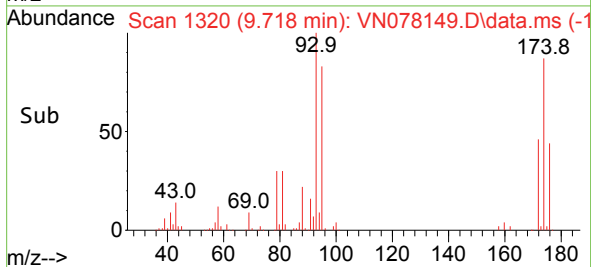
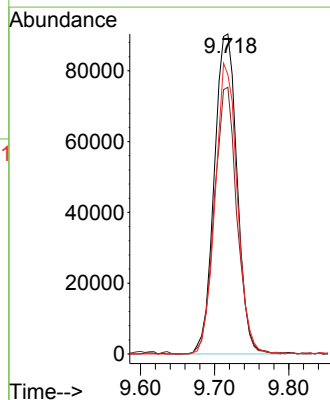
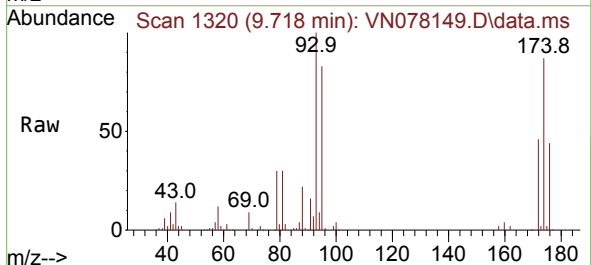
Instrument :
MSVOA_N
ClientSampleId :

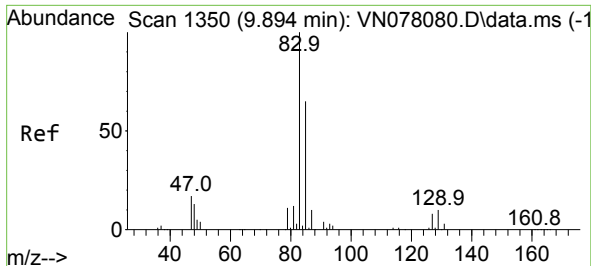
Tgt Ion: 63 Resp: 274007
Ion Ratio Lower Upper
63 100
65 30.0 23.9 35.9



#46
Dibromomethane
Concen: 50.006 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Tgt Ion: 93 Resp: 193651
Ion Ratio Lower Upper
93 100
95 81.9 63.8 95.8
174 88.0 65.6 98.4

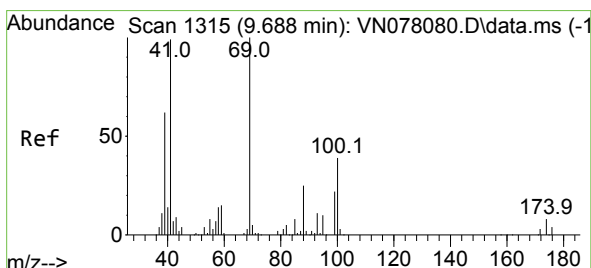
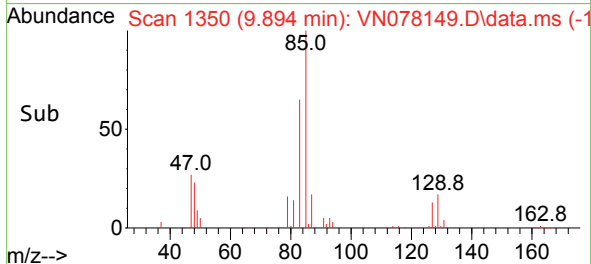
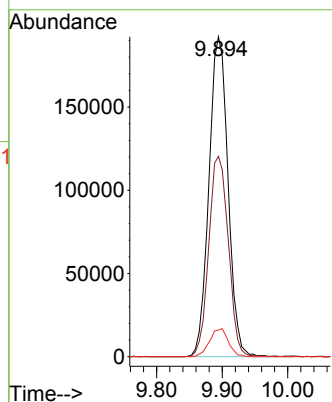
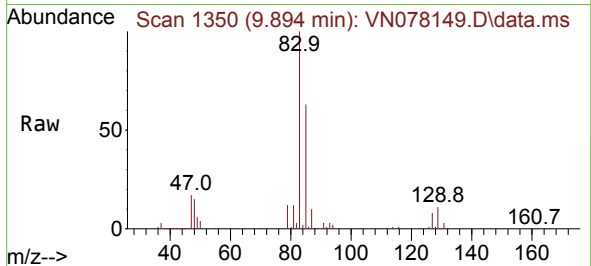




#47
Bromodichloromethane
Concen: 54.040 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

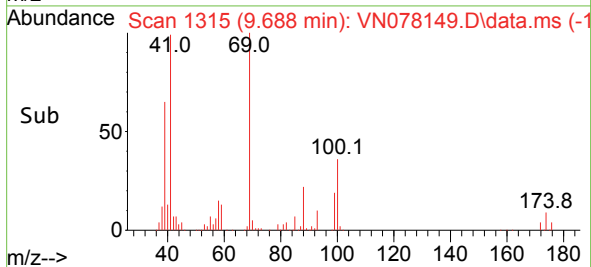
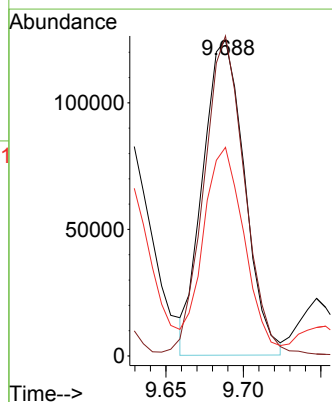
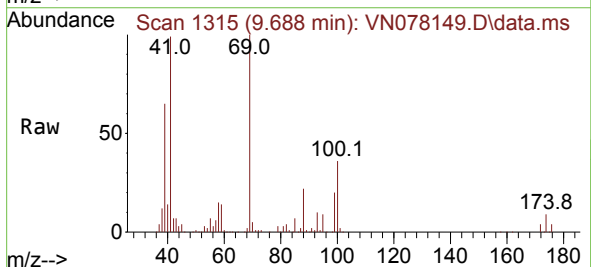
Instrument :
MSVOA_N
ClientSampleId :

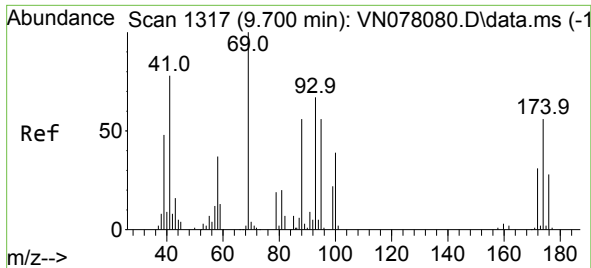
Tgt Ion: 83 Resp: 388729
Ion Ratio Lower Upper
83 100
85 62.6 49.6 74.4
127 8.4 7.0 10.6



#48
Methyl methacrylate
Concen: 52.528 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Tgt Ion: 41 Resp: 233109
Ion Ratio Lower Upper
41 100
69 99.0 90.4 135.6
39 65.3 54.6 81.8

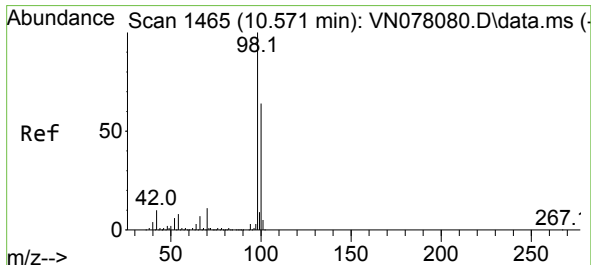
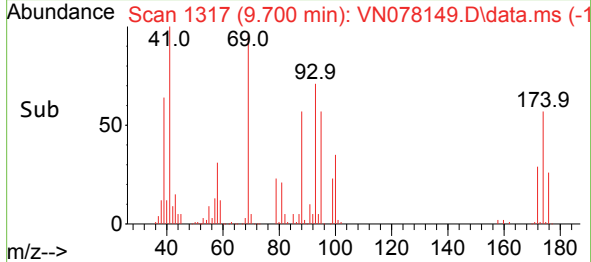
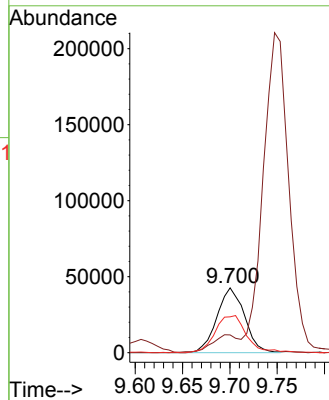
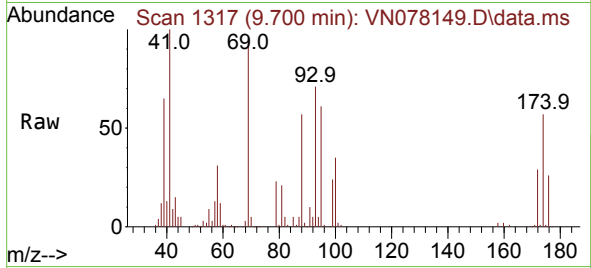




#49
1,4-Dioxane
Concen: 929.041 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

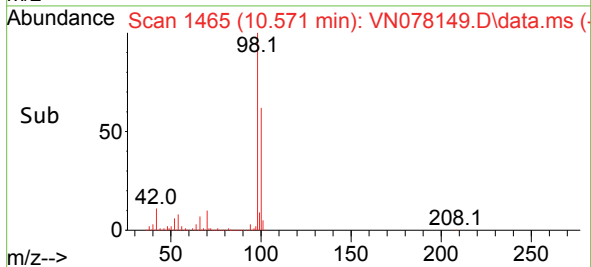
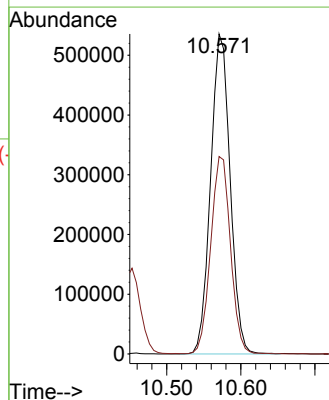
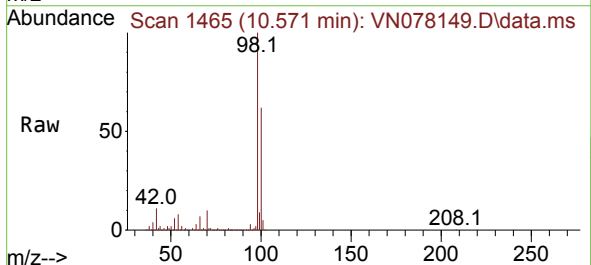
Instrument :
MSVOA_N
ClientSampleId :

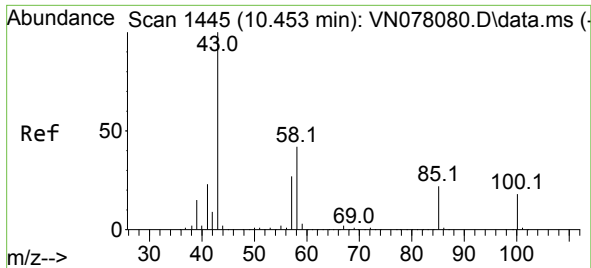
Tgt Ion: 88 Resp: 86655
Ion Ratio Lower Upper
88 100
43 25.7 17.0 25.6#
58 65.1 47.0 70.4



#50
Toluene-d8
Concen: 51.523 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Tgt Ion: 98 Resp: 980154
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0

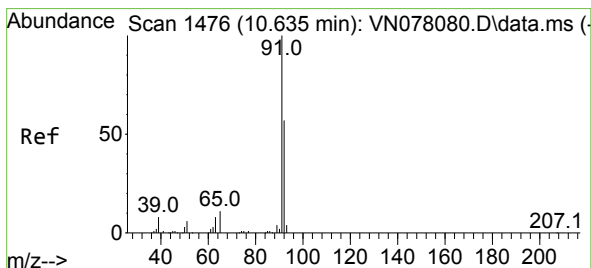
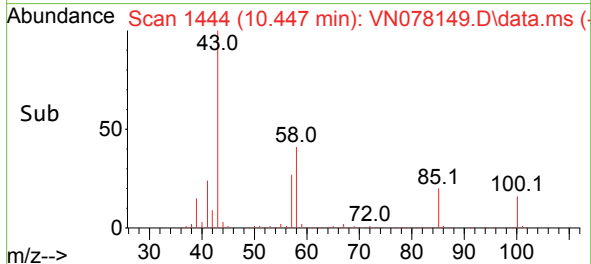
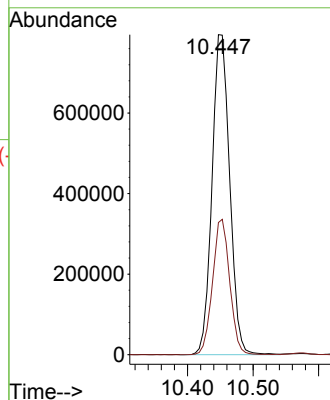
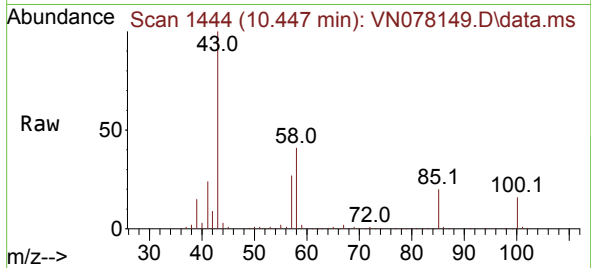




#51
4-Methyl-2-Pentanone
Concen: 266.948 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

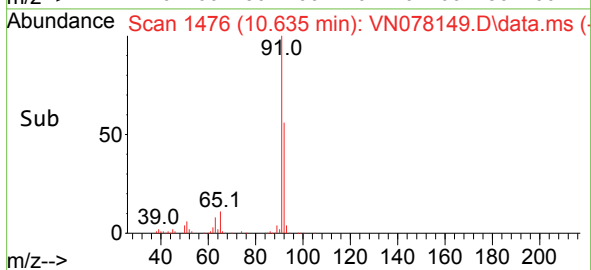
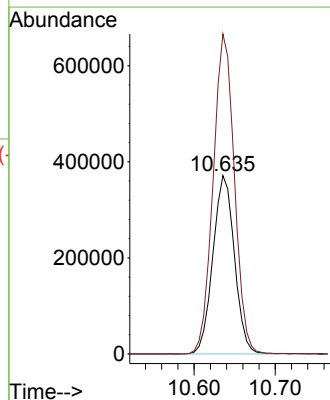
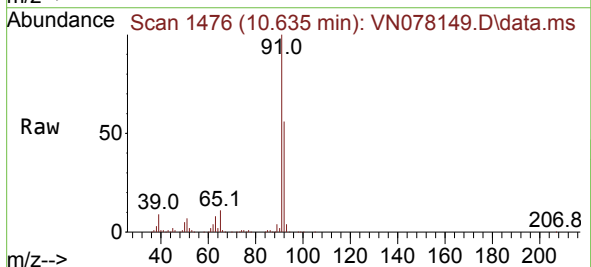
Instrument :
MSVOA_N
ClientSampleId :

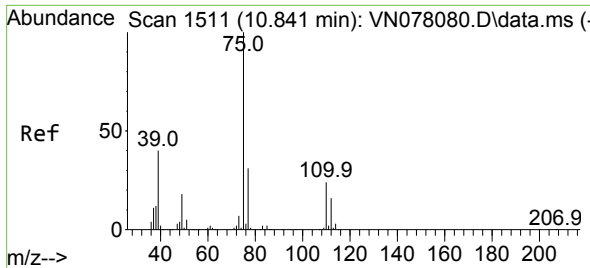
Tgt Ion: 43 Resp: 1486537
Ion Ratio Lower Upper
43 100
58 41.1 36.6 54.8



#52
Toluene
Concen: 51.316 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Tgt Ion: 92 Resp: 684647
Ion Ratio Lower Upper
92 100
91 177.5 137.4 206.0

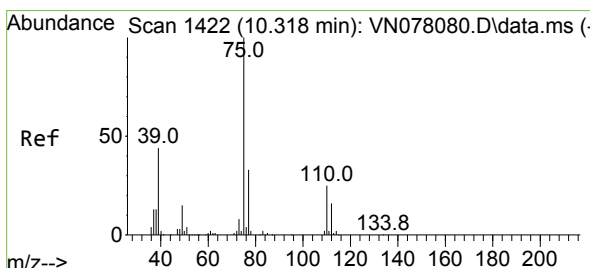
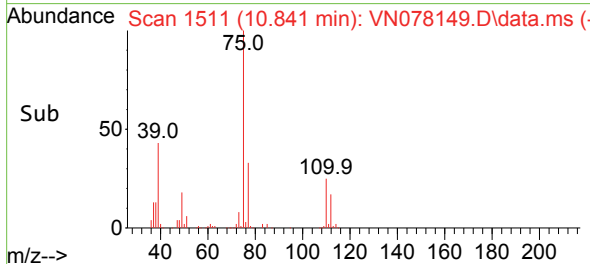
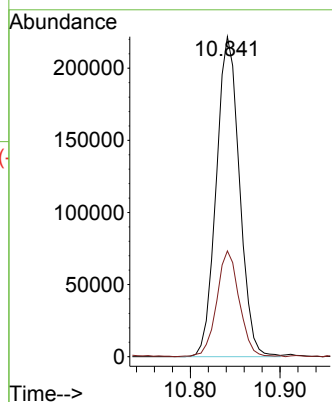
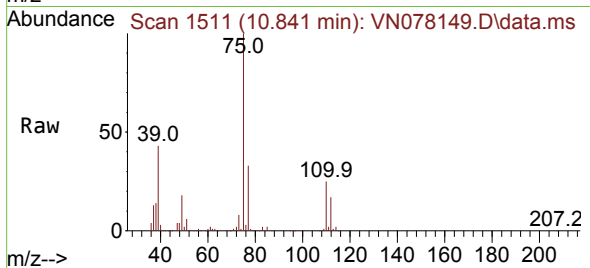




#53
 t-1,3-Dichloropropene
 Concen: 53.166 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078149.D
 Acq: 09 Jun 2023 16:34

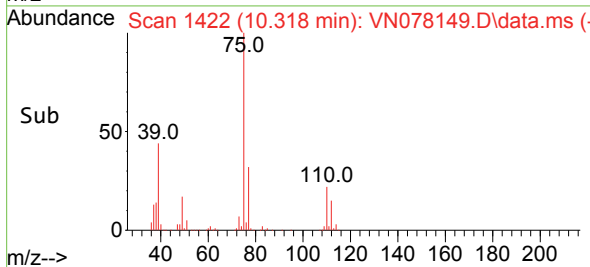
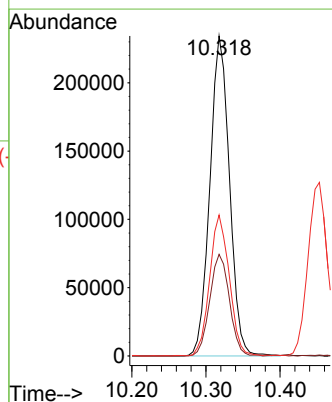
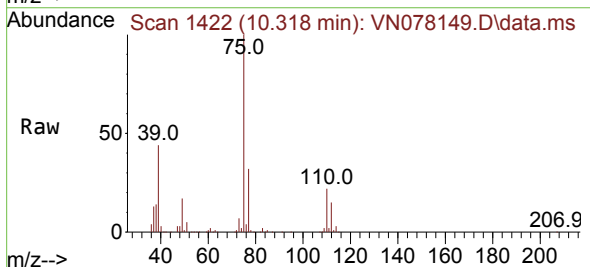
Instrument :
 MSVOA_N
 ClientSampleId :

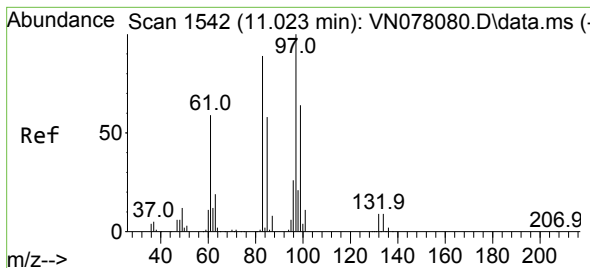
Tgt Ion: 75 Resp: 398294
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.993 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078149.D
 Acq: 09 Jun 2023 16:34

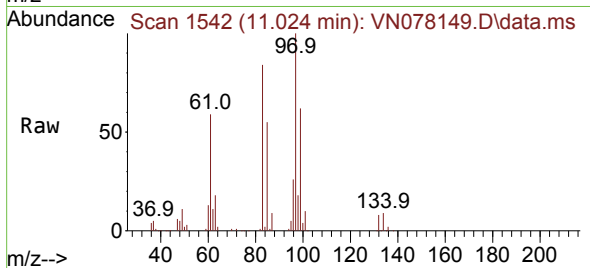
Tgt Ion: 75 Resp: 430564
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.1 39.1
 39 43.9 31.6 47.4



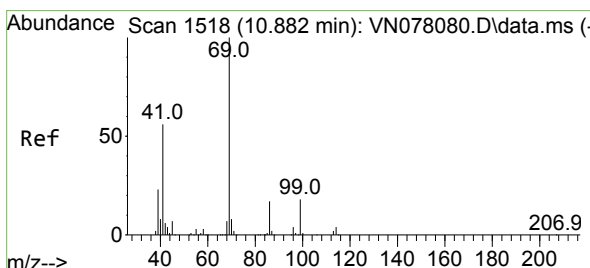
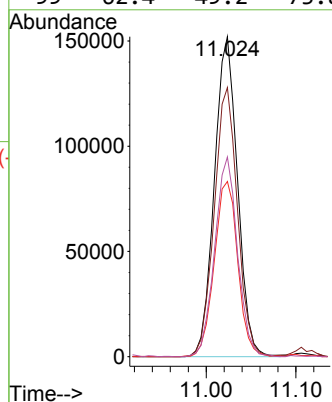
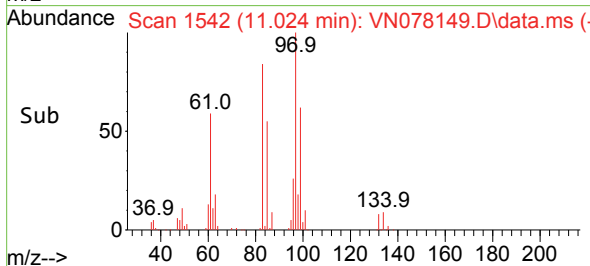


#55
 1,1,2-Trichloroethane
 Concen: 53.949 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: VN078149.D
 Acq: 09 Jun 2023 16:34

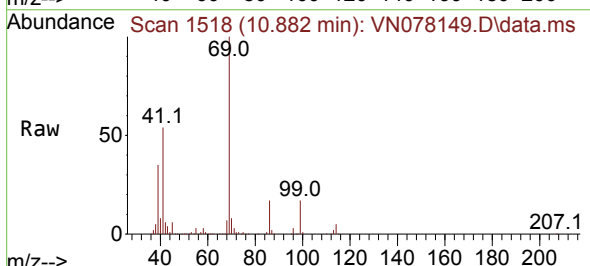
Instrument :
 MSVOA_N
 ClientSampleId :



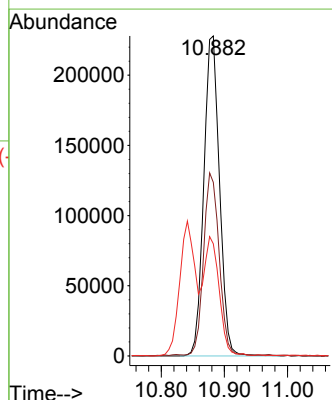
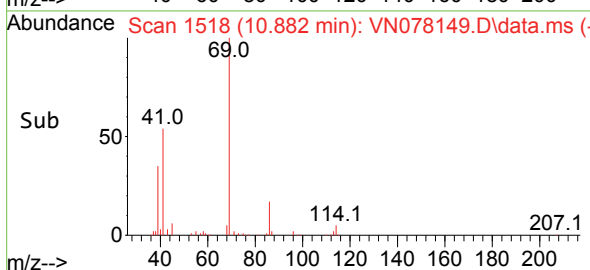
Tgt Ion: 97	Resp: 272285
Ion Ratio	Lower Upper
97 100	
83 84.1	65.1 97.7
85 54.7	43.4 65.2
99 62.4	49.2 73.8

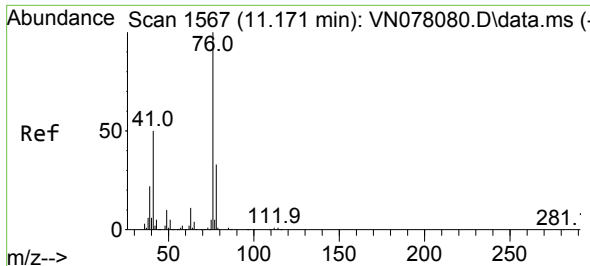


#56
 Ethyl methacrylate
 Concen: 53.643 ug/l
 RT: 10.882 min Scan# 1518
 Delta R.T. 0.000 min
 Lab File: VN078149.D
 Acq: 09 Jun 2023 16:34



Tgt Ion: 69	Resp: 394222
Ion Ratio	Lower Upper
69 100	
41 56.7	39.6 59.4
39 36.7	28.6 43.0





#57

1,3-Dichloropropane

Concen: 52.750 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

Instrument :

MSVOA_N

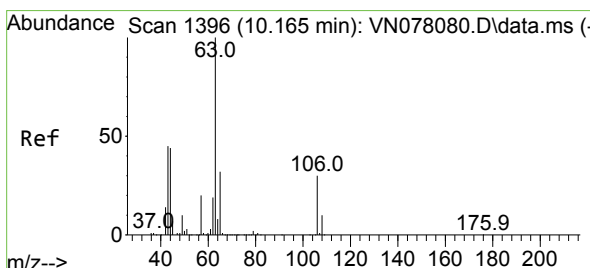
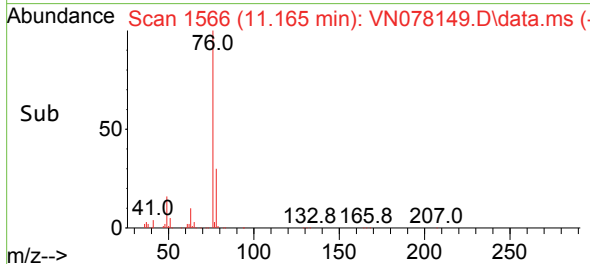
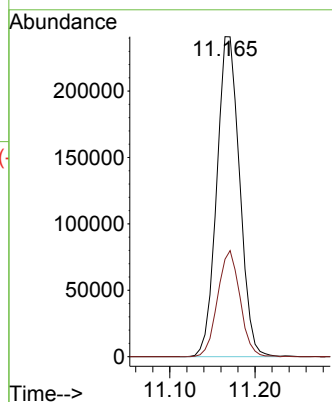
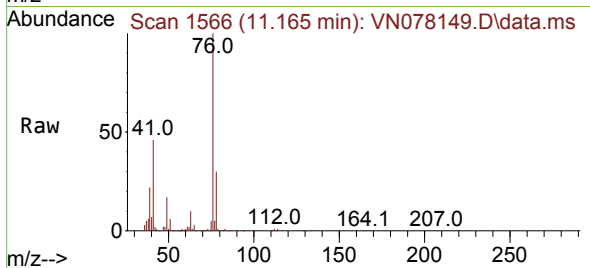
ClientSampleId :

Tgt Ion: 76 Resp: 449395

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 0.911 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. 0.153 min

Lab File: VN078149.D

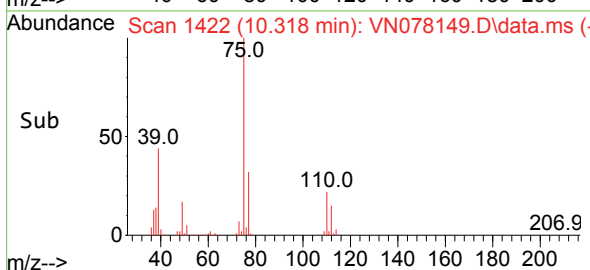
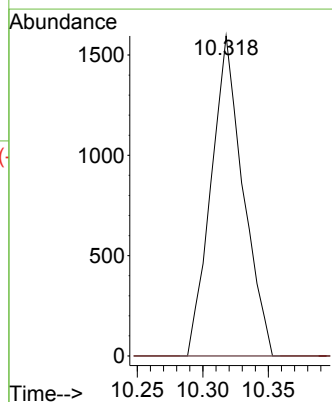
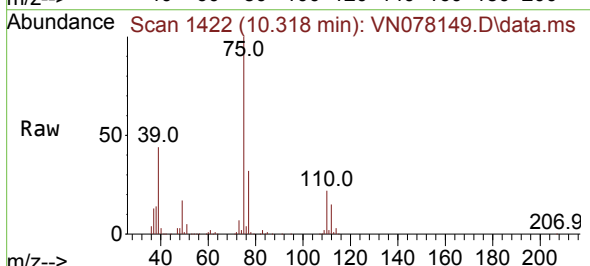
Acq: 09 Jun 2023 16:34

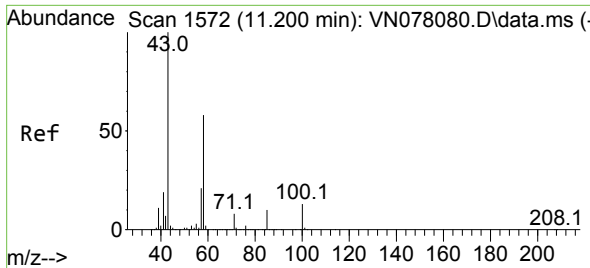
Tgt Ion: 63 Resp: 2705

Ion Ratio Lower Upper

63 100

106 0.0 26.2 39.4#

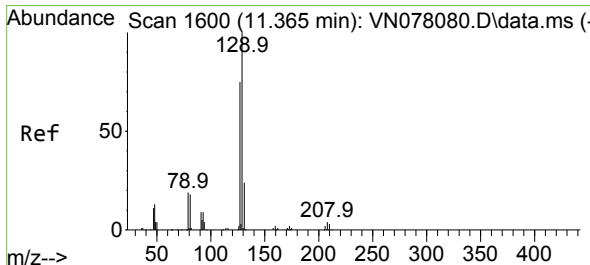
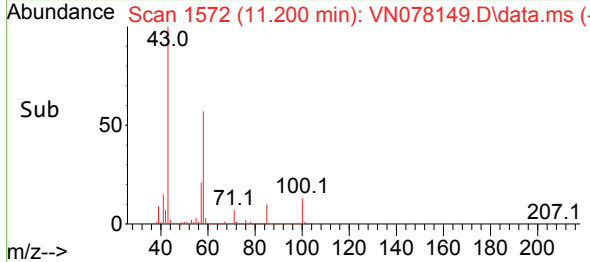
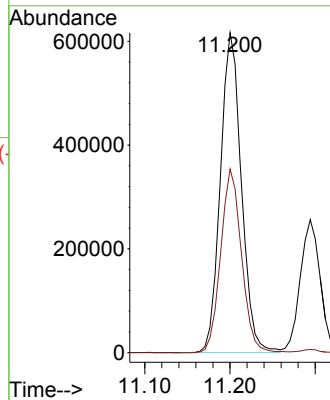
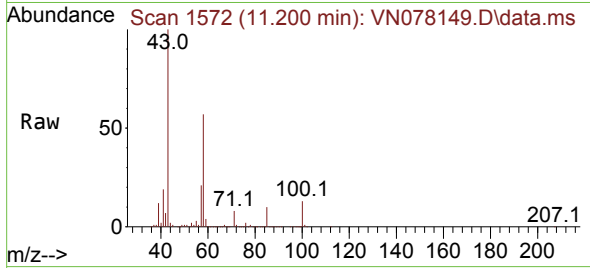




#59
2-Hexanone
Concen: 271.873 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

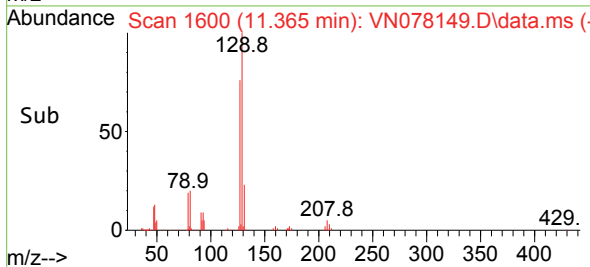
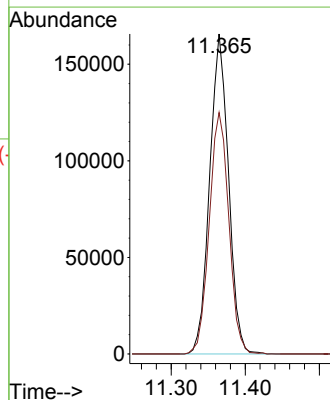
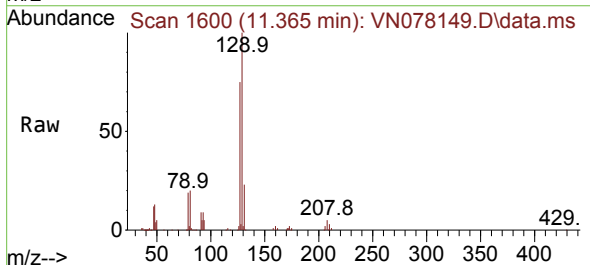
Instrument :
MSVOA_N
ClientSampleId :

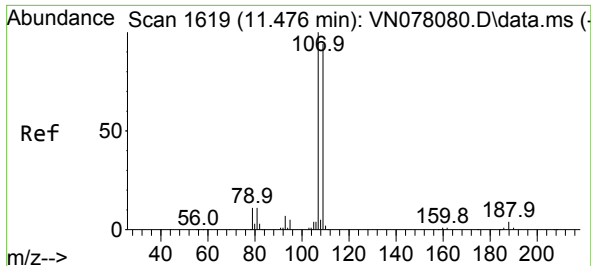
Tgt Ion: 43 Resp: 1054159
Ion Ratio Lower Upper
43 100
58 57.0 31.7 95.1



#60
Dibromochloromethane
Concen: 52.892 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

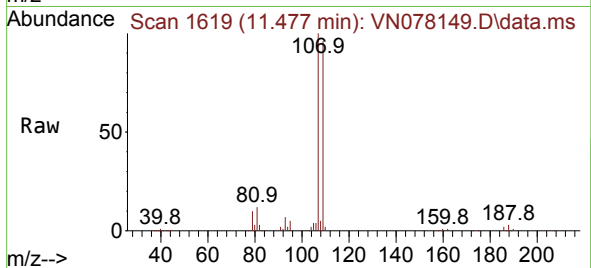
Tgt Ion:129 Resp: 292114
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0



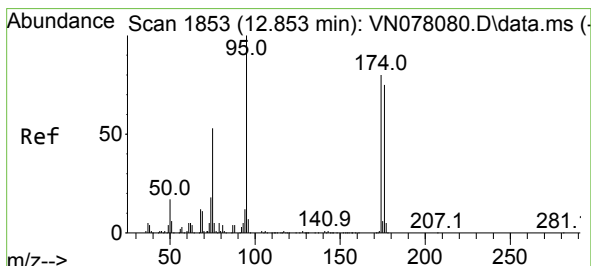
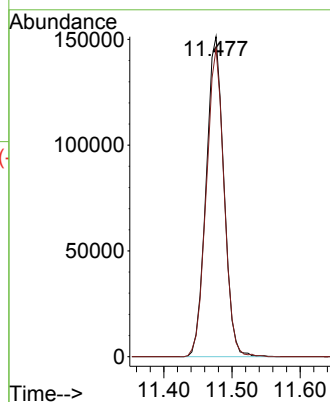
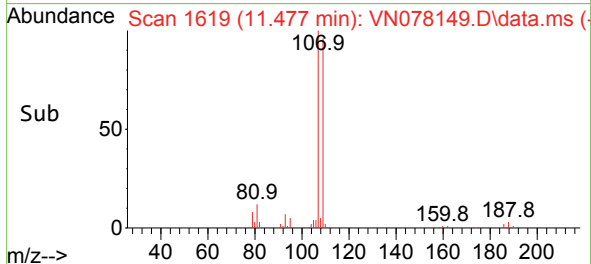


#61
1,2-Dibromoethane
Concen: 51.742 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

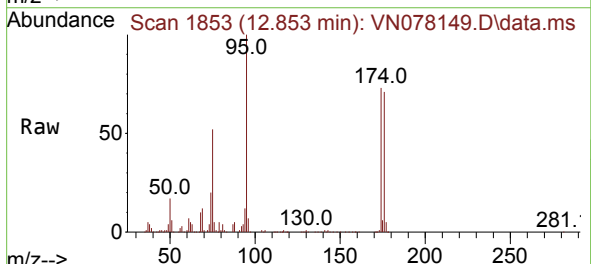
Instrument :
MSVOA_N
ClientSampleId :



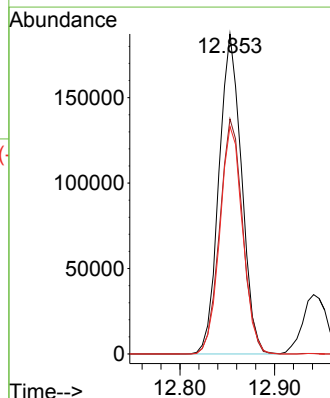
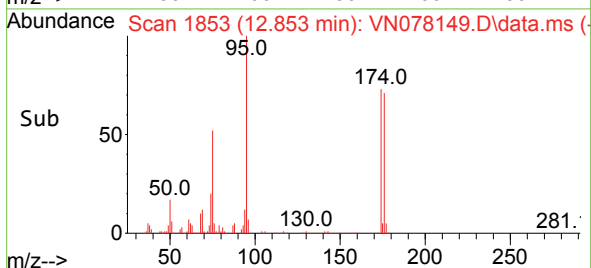
Tgt Ion:107 Resp: 274053
Ion Ratio Lower Upper
107 100
109 96.3 76.6 114.8

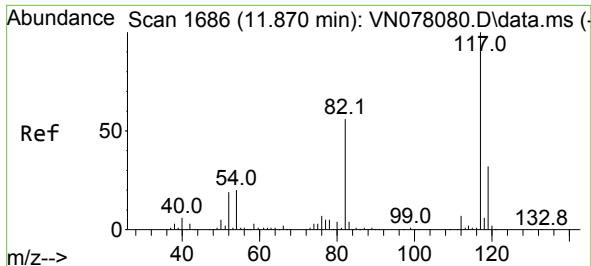


#62
4-Bromofluorobenzene
Concen: 52.483 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34



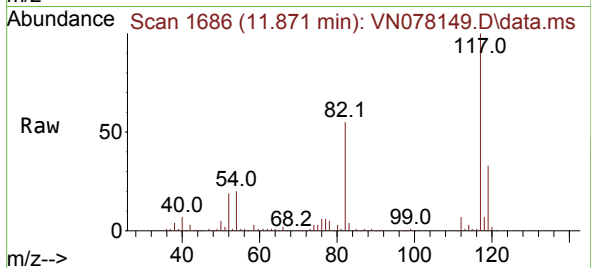
Tgt Ion: 95 Resp: 310386
Ion Ratio Lower Upper
95 100
174 74.5 0.0 143.8
176 71.8 0.0 135.8



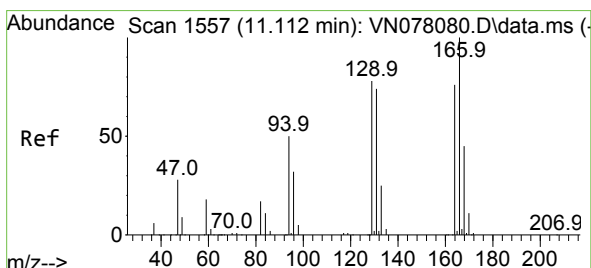
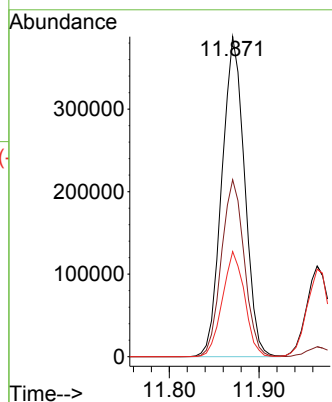
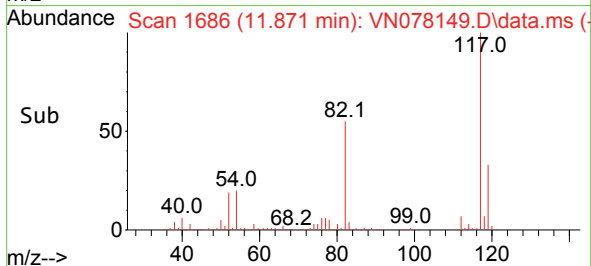


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

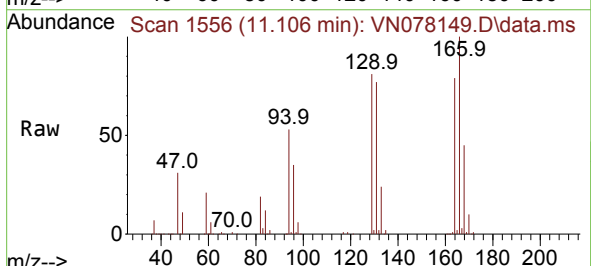
Instrument :
MSVOA_N
ClientSampleId :



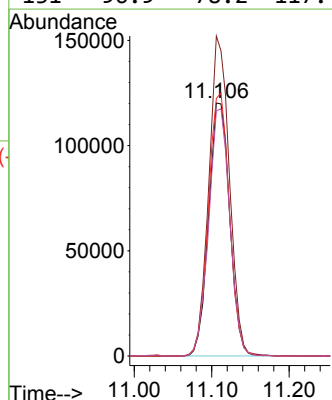
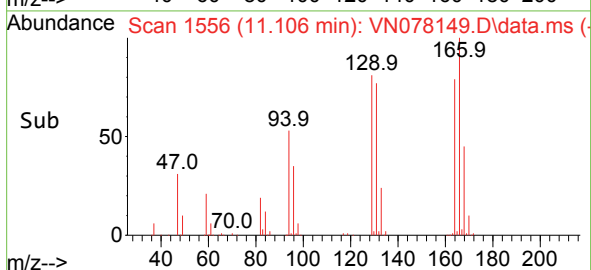
Tgt Ion:117 Resp: 681094
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 32.8 25.6 38.4

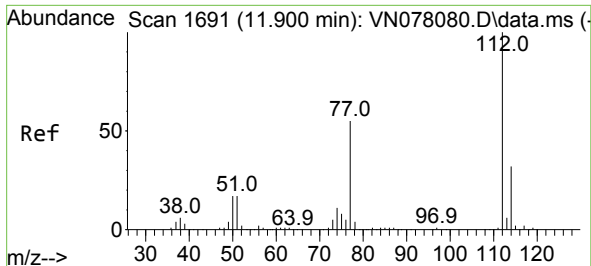


#64
Tetrachloroethene
Concen: 50.023 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34



Tgt Ion:164 Resp: 227293
Ion Ratio Lower Upper
164 100
166 126.5 101.4 152.0
129 101.8 82.4 123.6
131 96.9 78.2 117.4

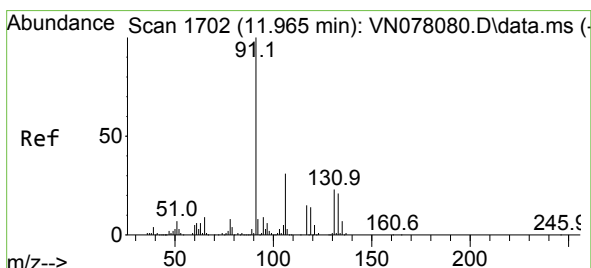
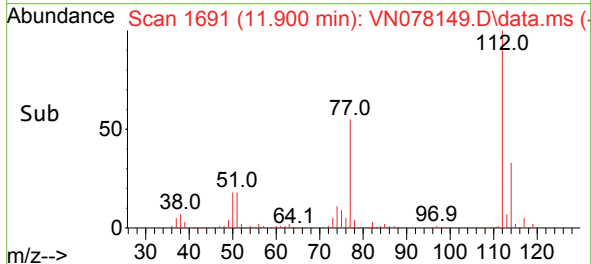
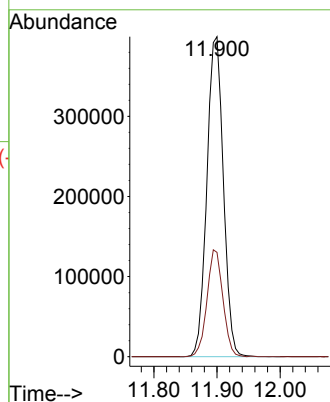
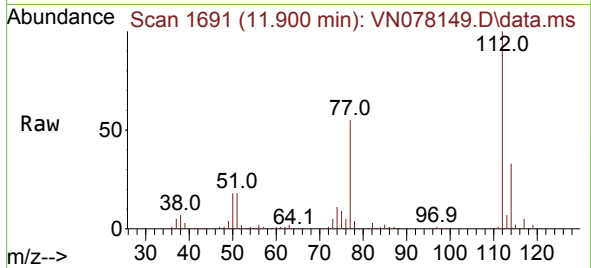




#65
Chlorobenzene
Concen: 49.676 ug/l
RT: 11.900 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

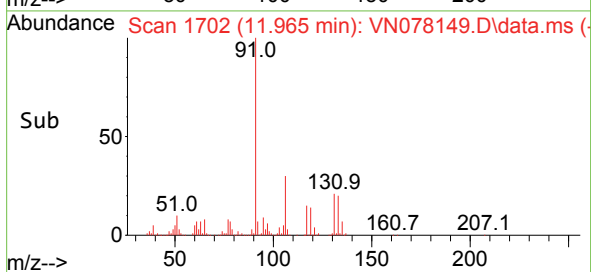
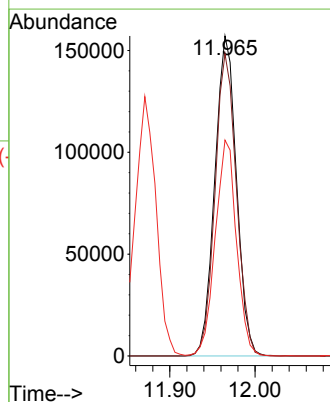
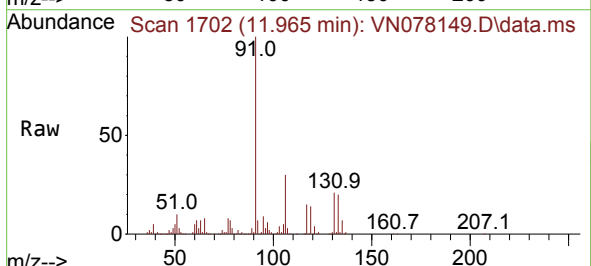
Instrument :
MSVOA_N
ClientSampleId :

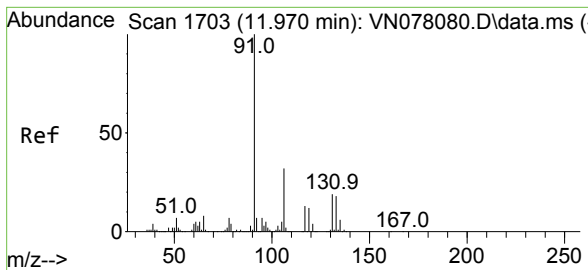
Tgt Ion:112 Resp: 724574
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.646 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

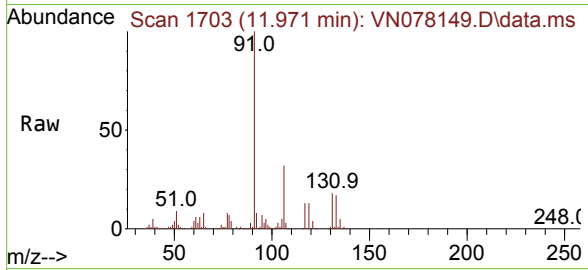
Tgt Ion:131 Resp: 277068
Ion Ratio Lower Upper
131 100
133 93.7 46.4 139.1
119 66.4 34.1 102.2



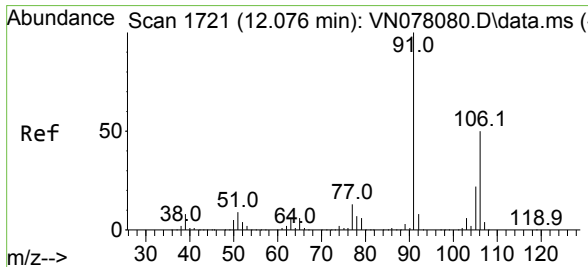
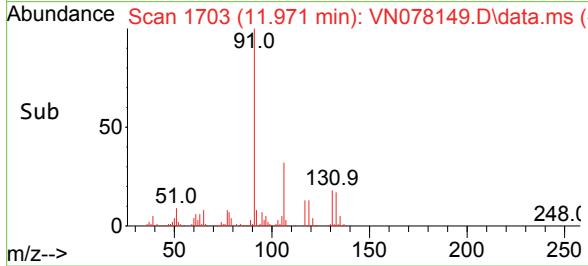
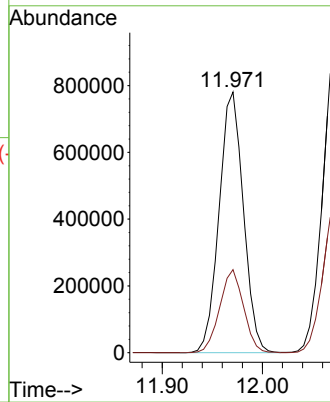


#67
Ethyl Benzene
Concen: 52.155 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Instrument :
MSVOA_N
ClientSampleId :

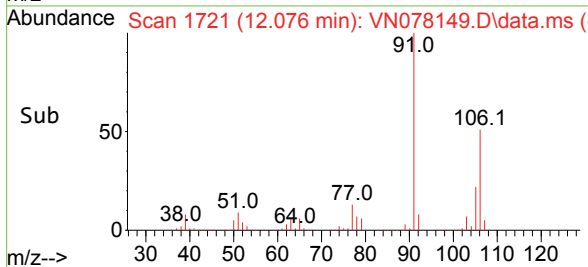
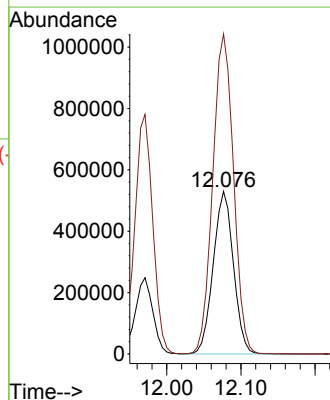
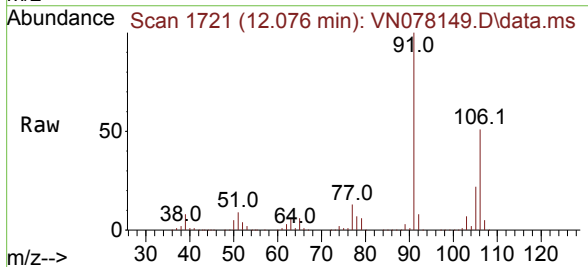


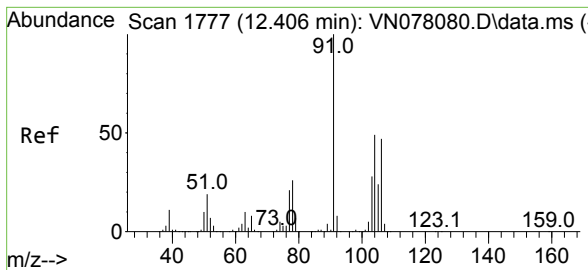
Tgt Ion: 91 Resp: 1312619
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4



#68
m/p-Xylenes
Concen: 104.501 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Tgt Ion:106 Resp: 1002328
Ion Ratio Lower Upper
106 100
91 202.3 159.6 239.4

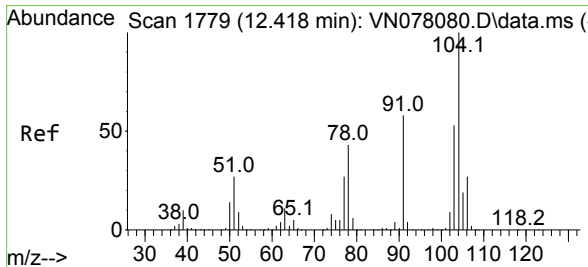
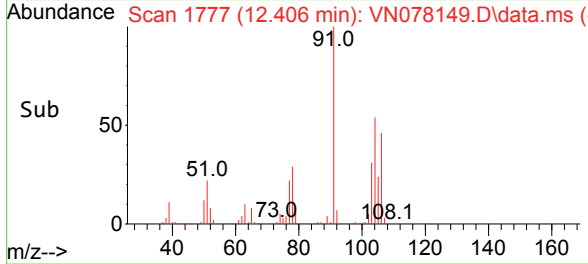
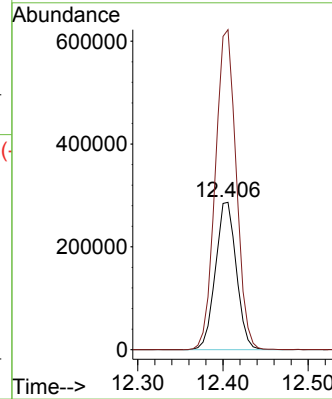
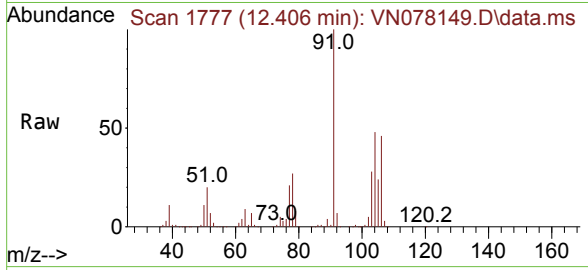




#69
o-Xylene
Concen: 51.939 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

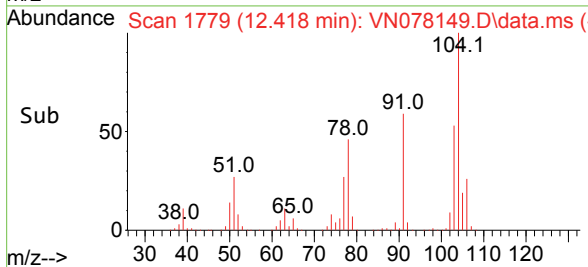
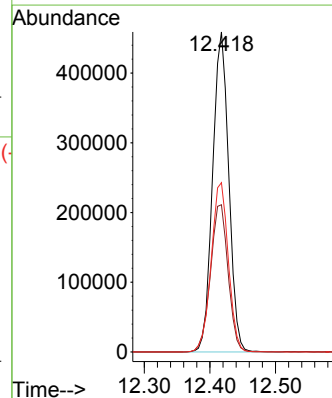
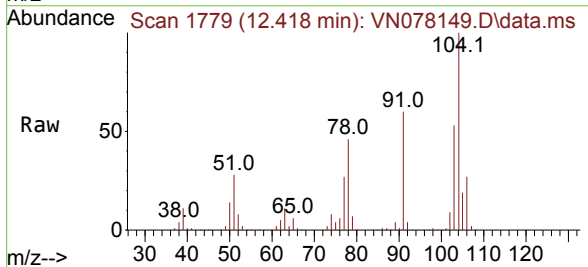
Instrument :
MSVOA_N
ClientSampleId :

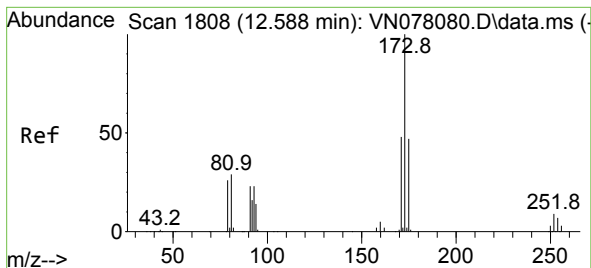
Tgt Ion:106 Resp: 489220
Ion Ratio Lower Upper
106 100
91 217.6 105.2 315.5



#70
Styrene
Concen: 52.957 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Tgt Ion:104 Resp: 785274
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 56.3 43.2 64.8





#71

Bromoform

Concen: 53.281 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :

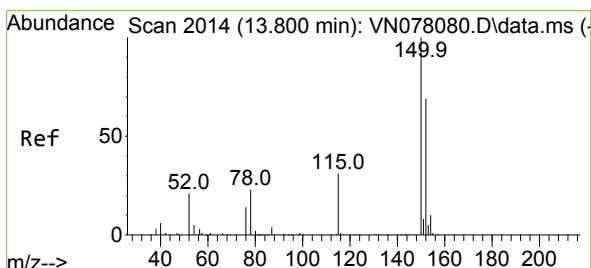
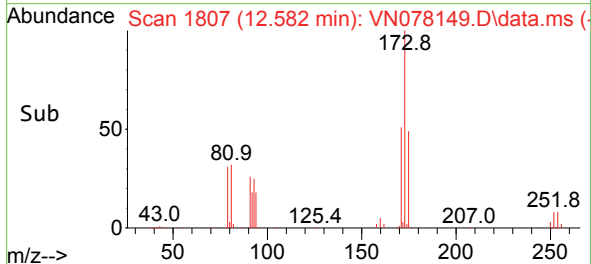
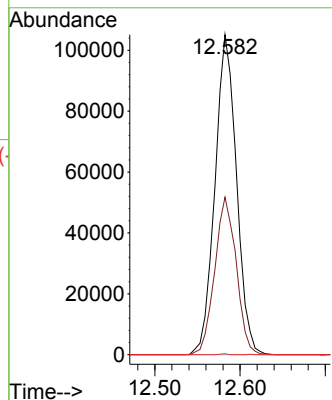
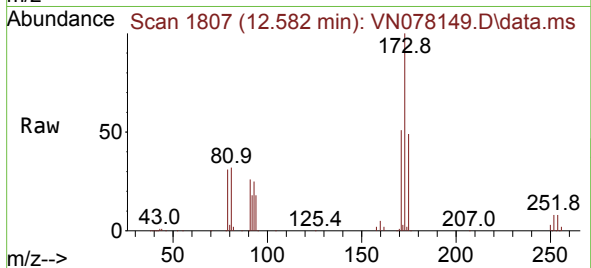
Tgt Ion:173 Resp: 184464

Ion Ratio Lower Upper

173 100

175 49.1 24.3 73.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

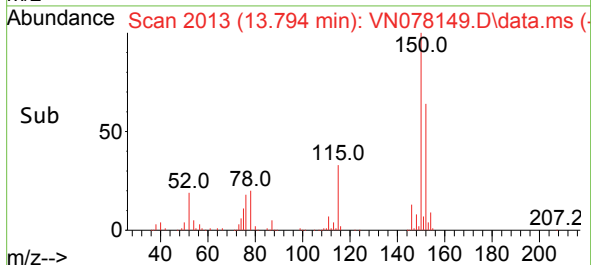
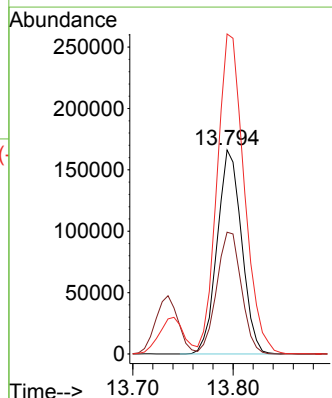
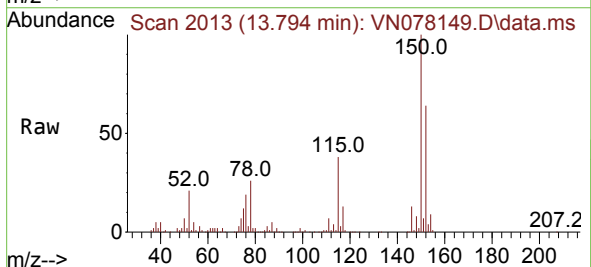
Tgt Ion:152 Resp: 280829

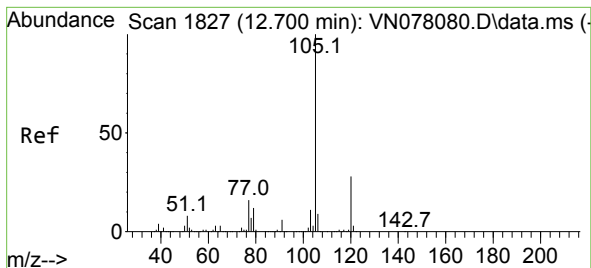
Ion Ratio Lower Upper

152 100

115 60.1 32.3 96.8

150 173.7 0.0 355.8





#73

Isopropylbenzene

Concen: 46.242 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

Instrument :

MSVOA_N

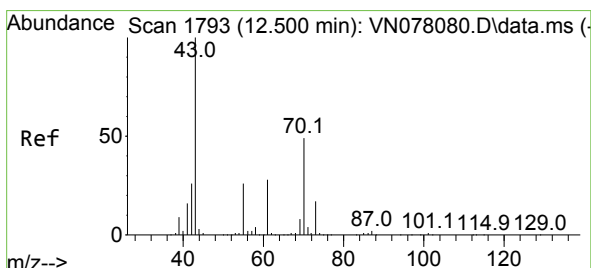
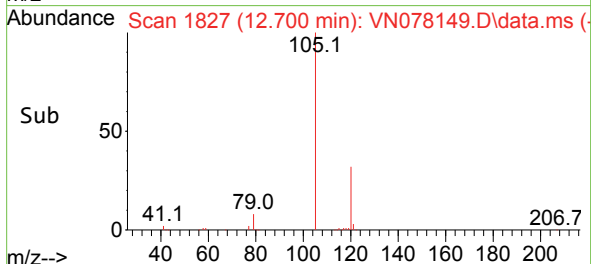
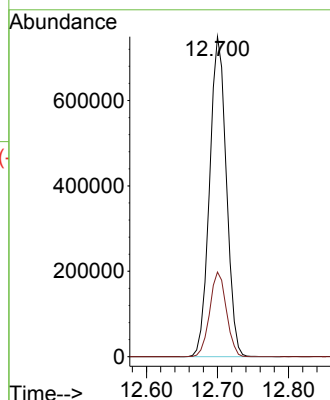
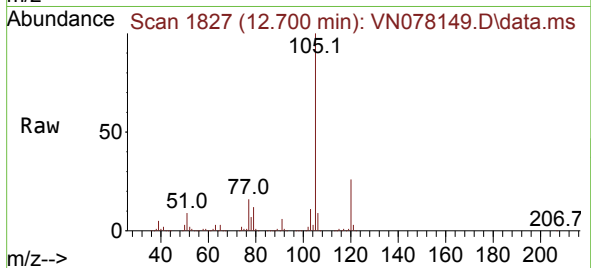
ClientSampleId :

Tgt Ion:105 Resp: 1227994

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.1



#74

N-ethyl acetate

Concen: 46.371 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

Tgt Ion: 43 Resp: 405519

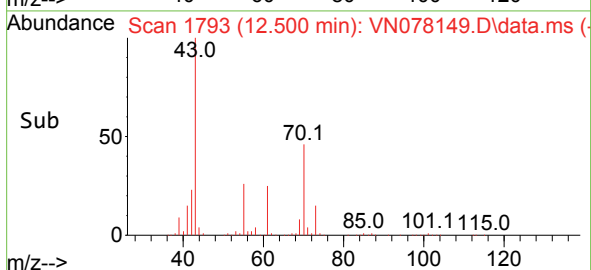
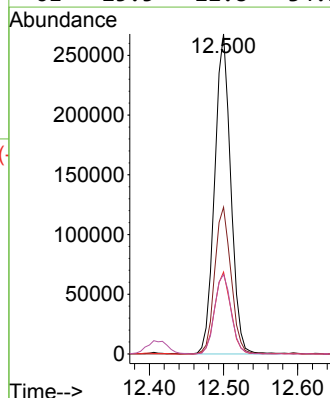
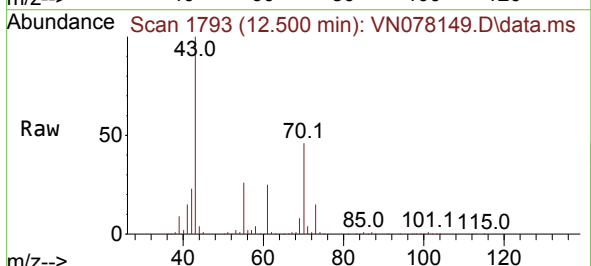
Ion Ratio Lower Upper

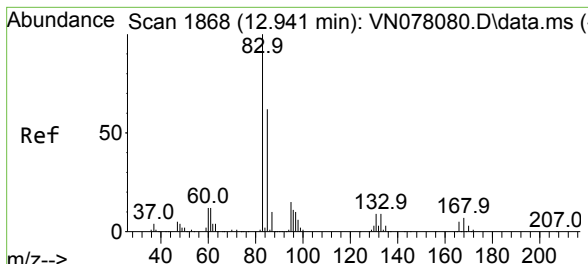
43 100

70 46.4 43.4 65.2

55 25.7 21.4 32.0

61 25.5 22.8 34.2

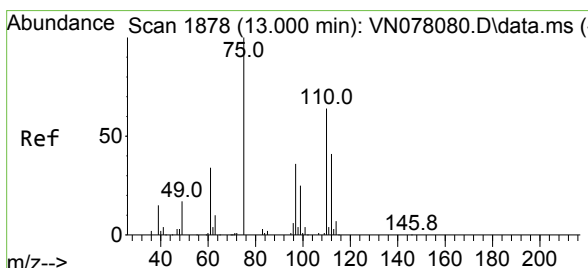
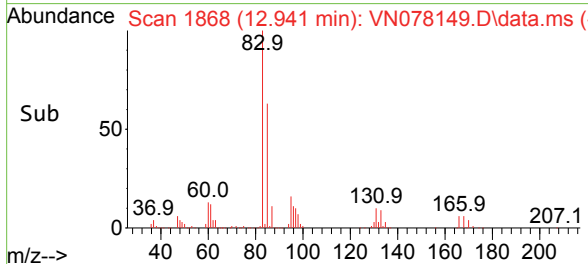
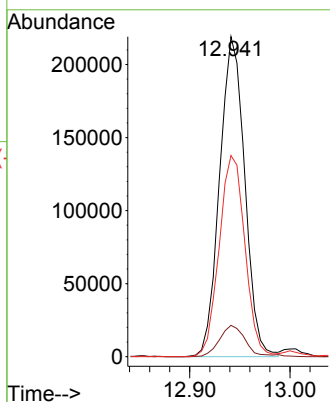
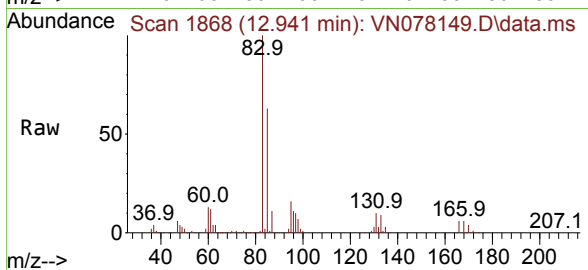




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.251 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078149.D
 Acq: 09 Jun 2023 16:34

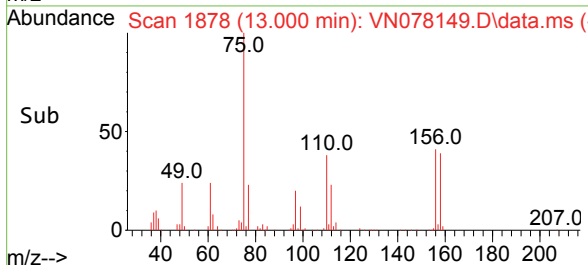
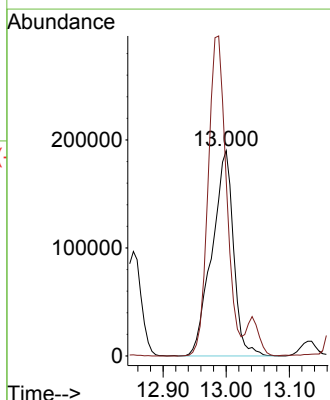
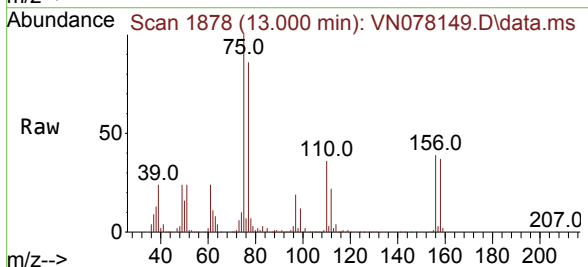
Instrument :
 MSVOA_N
 ClientSampleId :

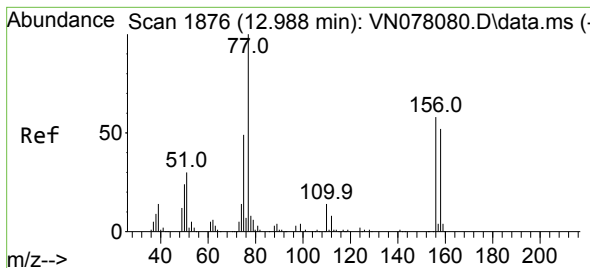
Tgt Ion:	83	Resp:	380837
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.0	15.0
85	64.3	31.9	95.7



#76
 1,2,3-Trichloropropane
 Concen: 67.886 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VN078149.D
 Acq: 09 Jun 2023 16:34

Tgt Ion:	75	Resp:	450688
Ion	Ratio	Lower	Upper
75	100		
77	131.8	84.5	253.5





#77

Bromobenzene

Concen: 44.795 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :

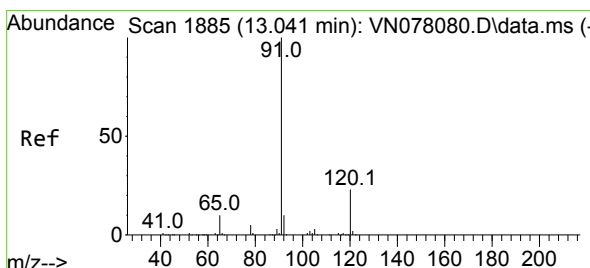
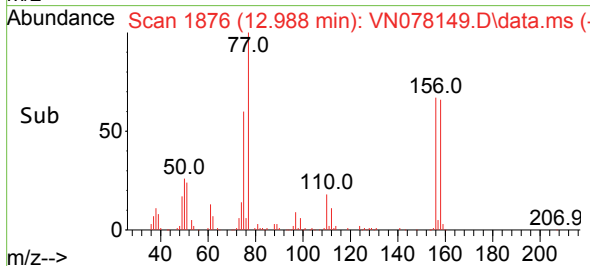
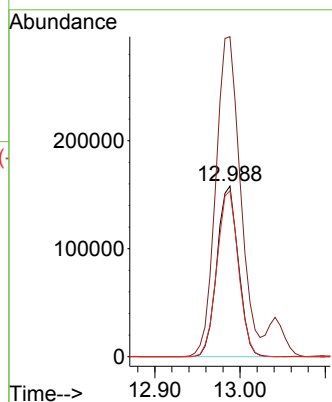
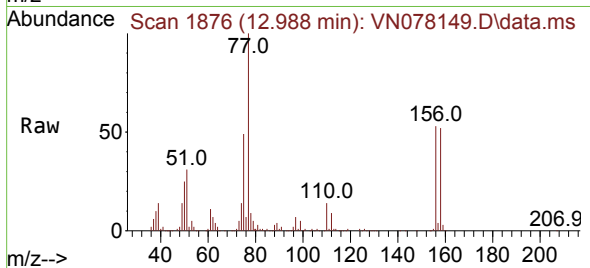
Tgt Ion:156 Resp: 276144

Ion Ratio Lower Upper

156 100

77 215.1 107.7 323.3

158 97.8 48.4 145.3



#78

n-propylbenzene

Concen: 48.467 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078149.D

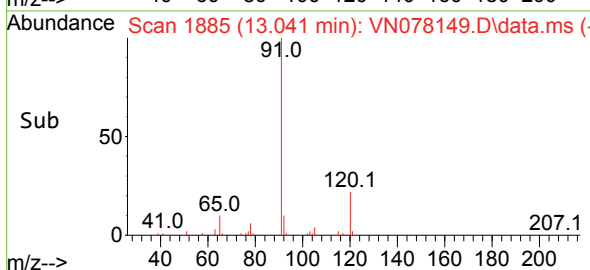
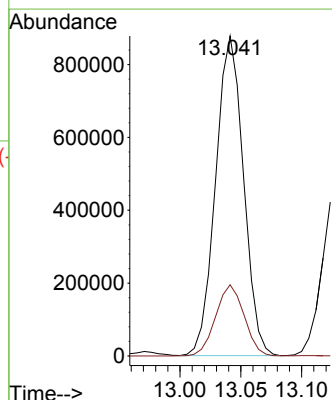
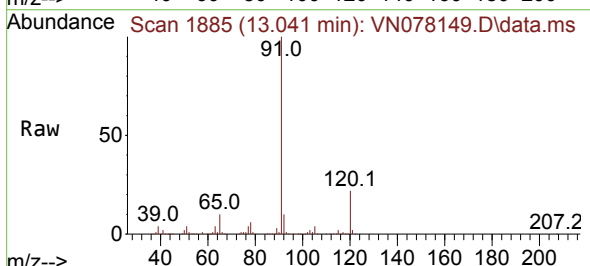
Acq: 09 Jun 2023 16:34

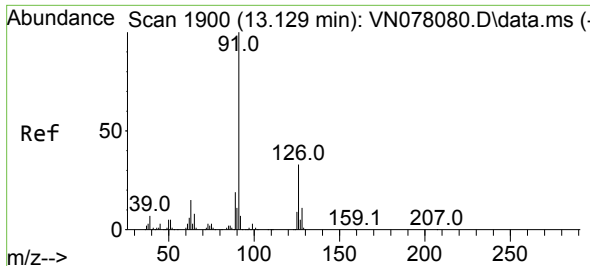
Tgt Ion: 91 Resp: 1398391

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

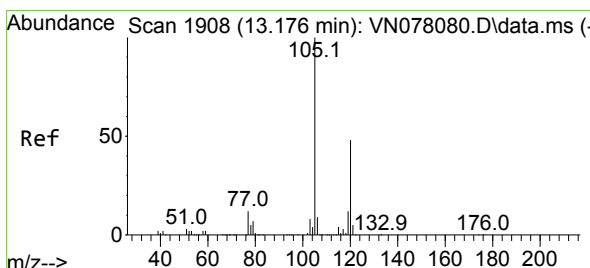
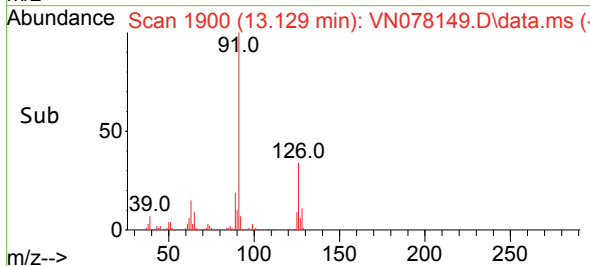
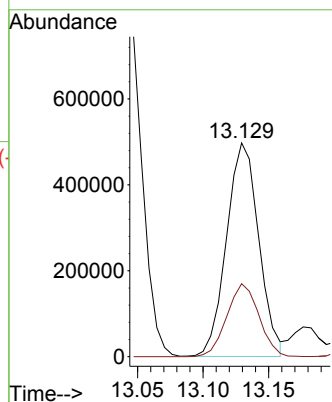
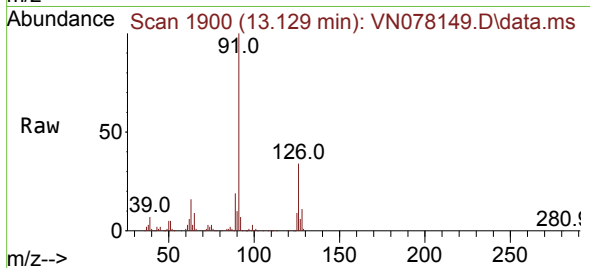




#79
2-Chlorotoluene
Concen: 45.664 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

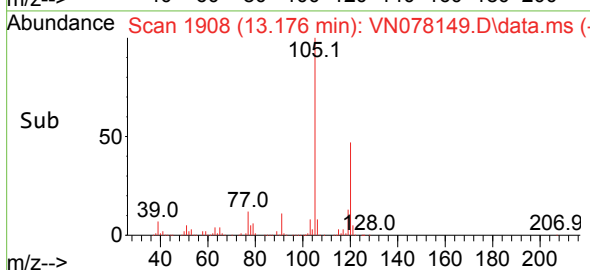
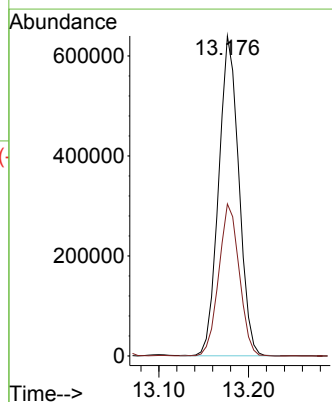
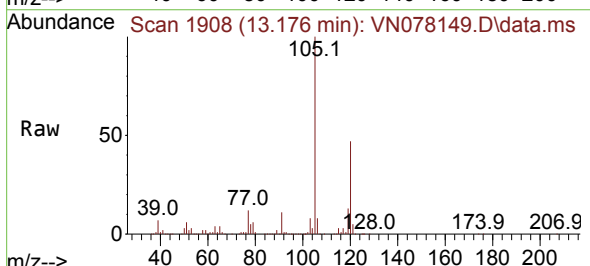
Instrument :
MSVOA_N
ClientSampleId :

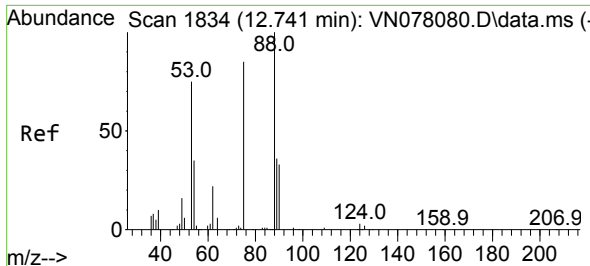
Tgt Ion: 91 Resp: 850460
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 46.505 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

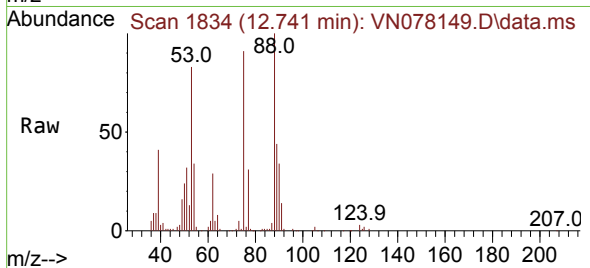
Tgt Ion: 105 Resp: 999882
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3



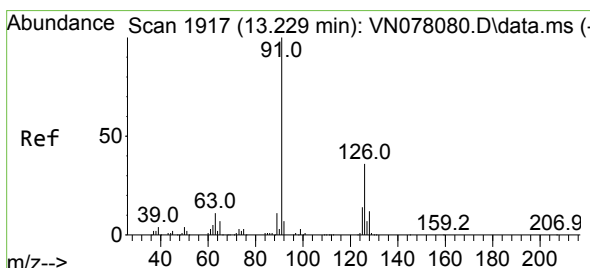
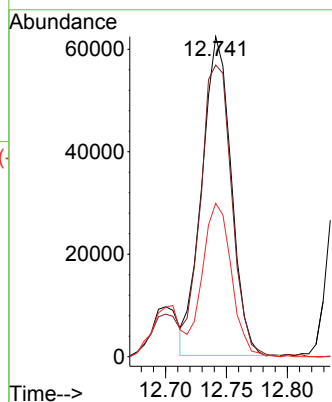
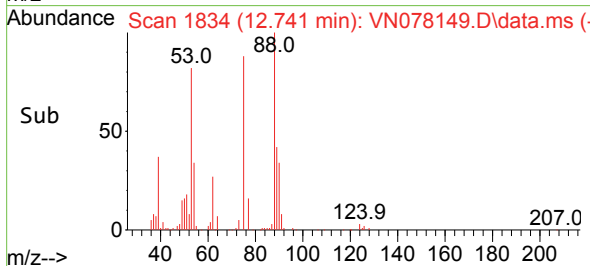


#81
trans-1,4-Dichloro-2-butene
Concen: 48.356 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Instrument :
MSVOA_N
ClientSampleId :

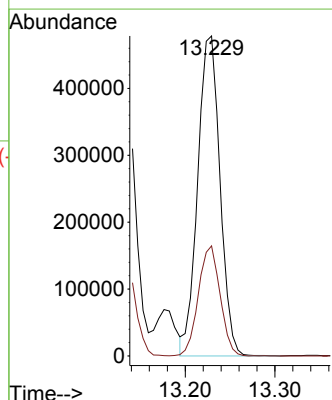
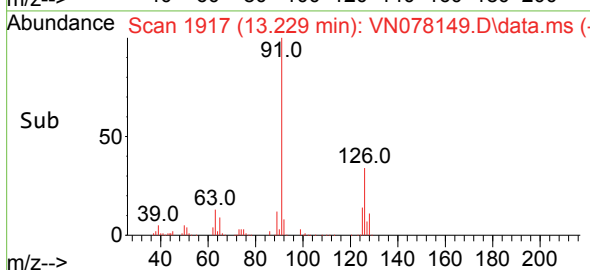
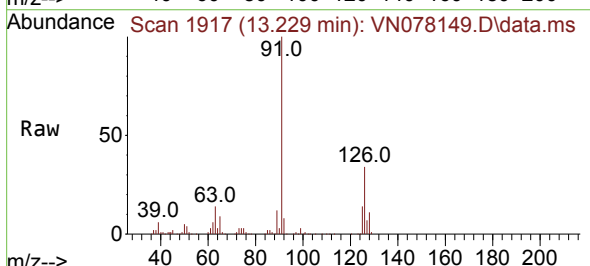


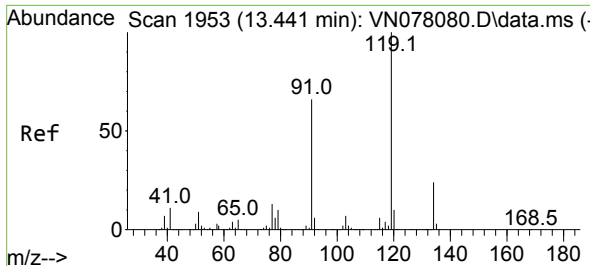
Tgt Ion: 75 Resp: 104492
Ion Ratio Lower Upper
75 100
53 97.6 67.4 101.2
89 46.8 38.8 58.2



#82
4-Chlorotoluene
Concen: 47.466 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Tgt Ion: 91 Resp: 825051
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.0

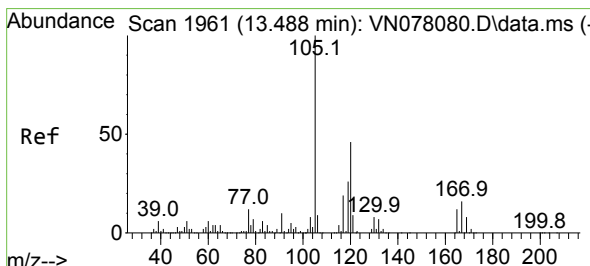
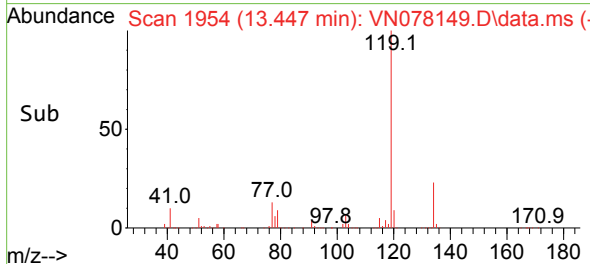
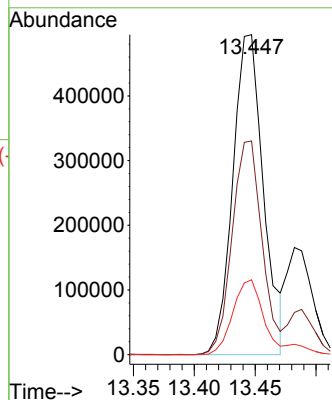
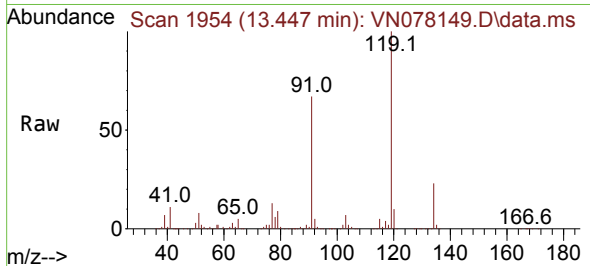




#83
tert-Butylbenzene
Concen: 46.357 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

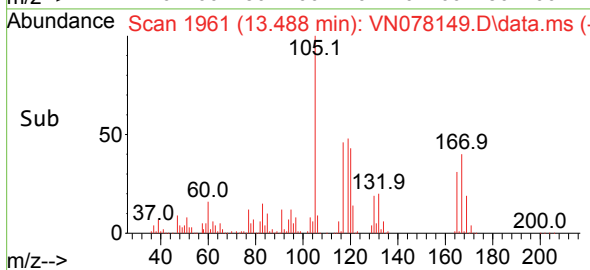
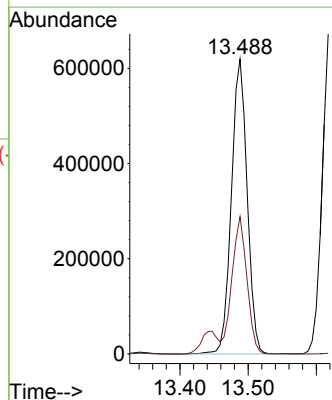
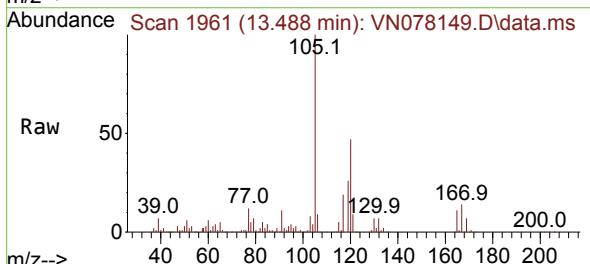
Instrument :
MSVOA_N
ClientSampleId :

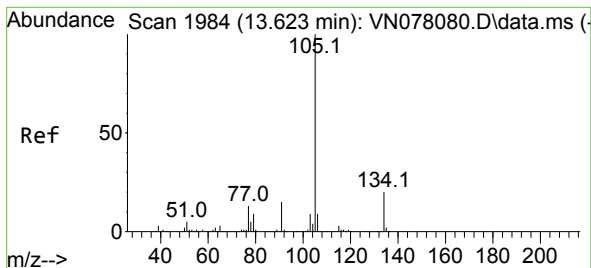
Tgt Ion:119 Resp: 866380
Ion Ratio Lower Upper
119 100
91 65.5 33.9 101.7
134 25.4 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 47.789 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Tgt Ion:105 Resp: 996164
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 47.006 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

Instrument :

MSVOA_N

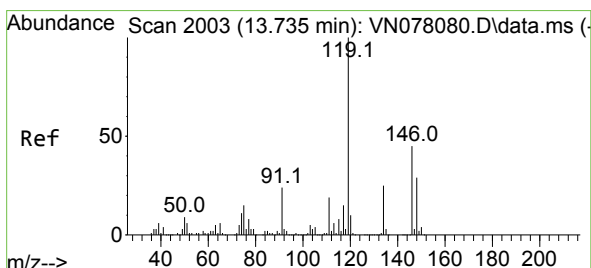
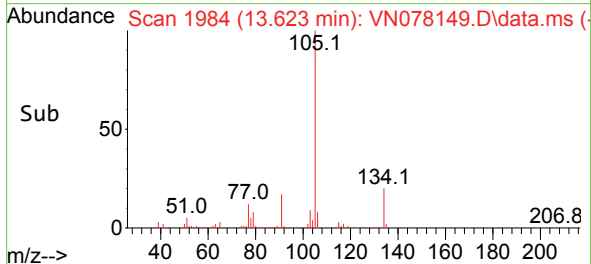
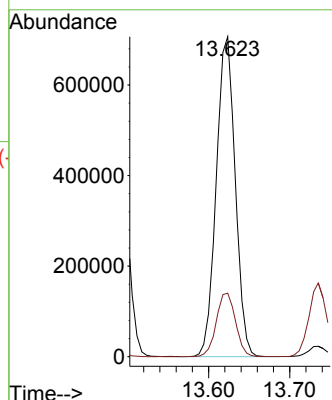
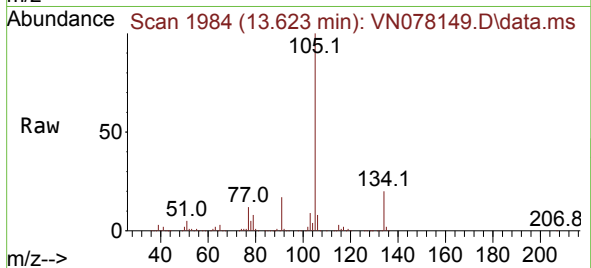
ClientSampleId :

Tgt Ion:105 Resp: 1149856

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 48.784 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

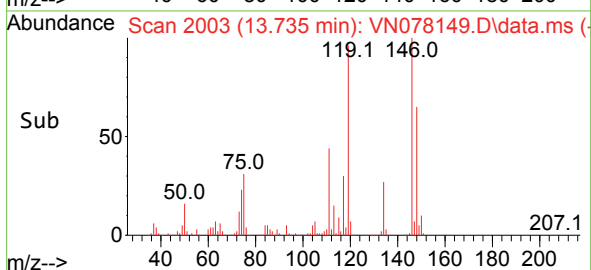
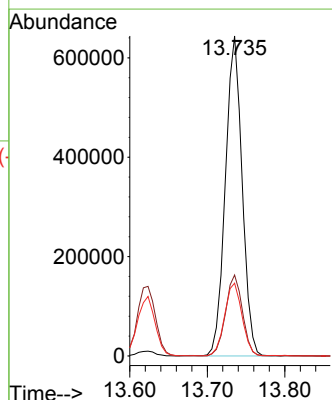
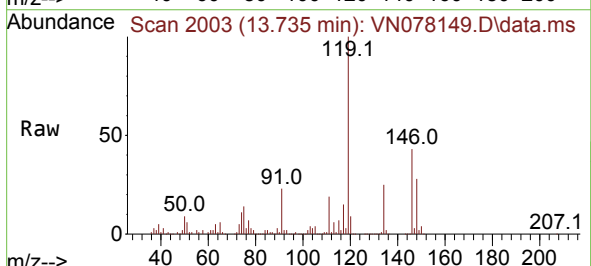
Tgt Ion:119 Resp: 968395

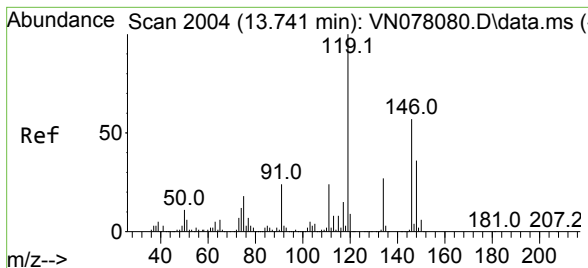
Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 23.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.598 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :

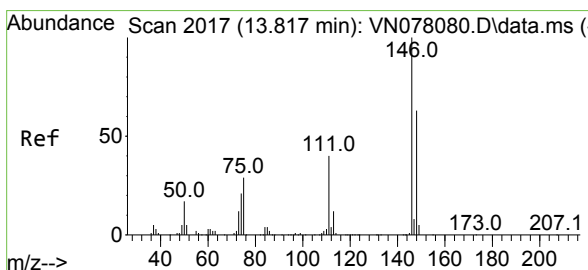
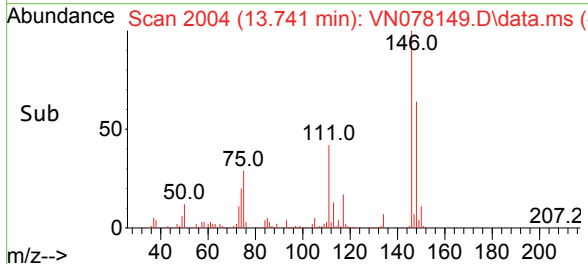
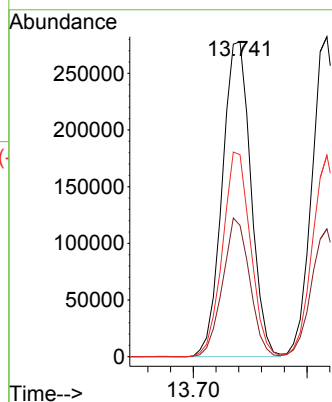
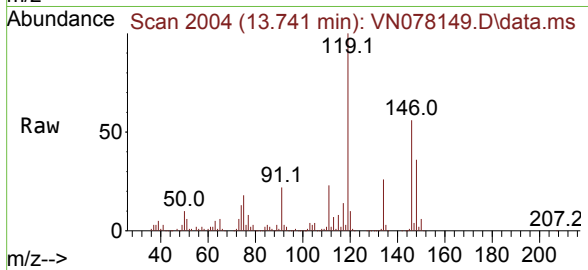
Tgt Ion:146 Resp: 485902

Ion Ratio Lower Upper

146 100

111 41.7 22.1 66.3

148 63.4 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 46.800 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

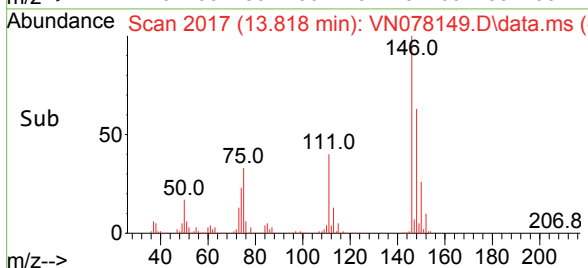
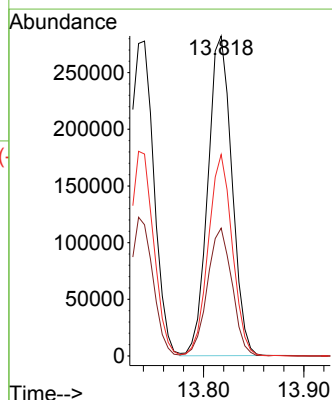
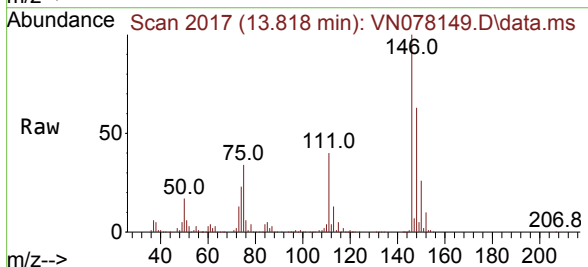
Tgt Ion:146 Resp: 470906

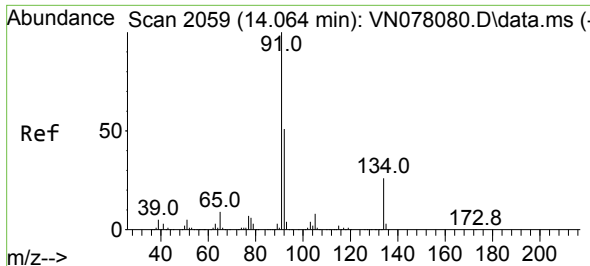
Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.8

148 63.0 31.6 94.8

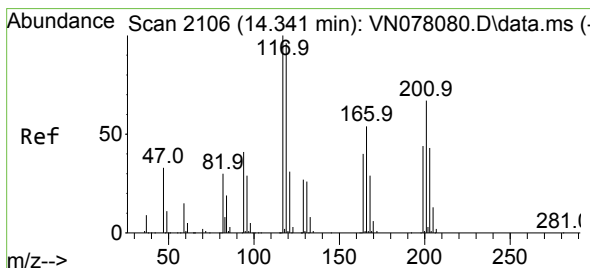
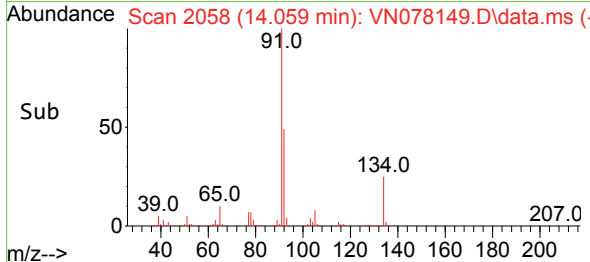
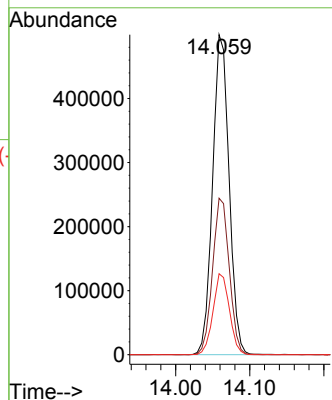
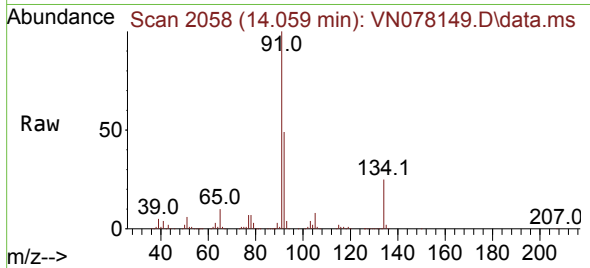




#89
n-Butylbenzene
Concen: 49.243 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

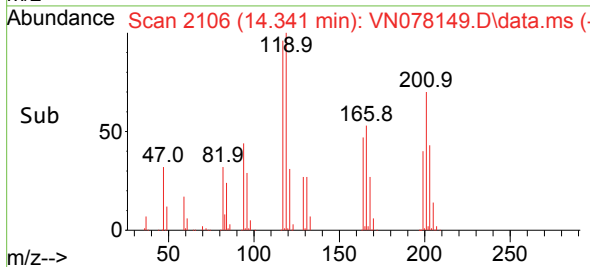
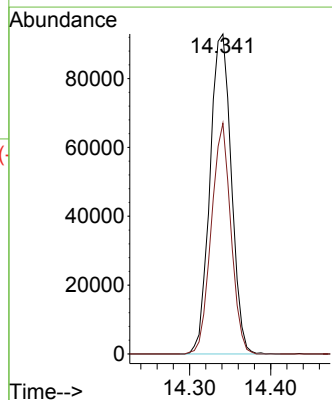
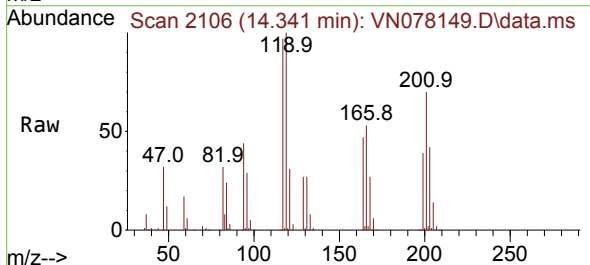
Instrument :
MSVOA_N
ClientSampleId :

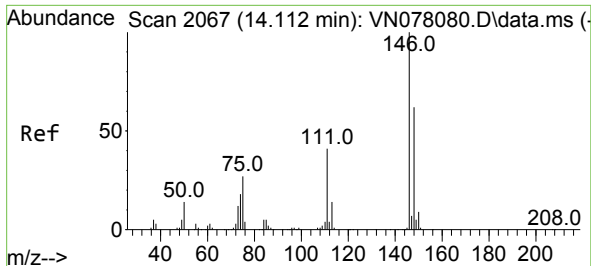
Tgt Ion: 91 Resp: 771014
Ion Ratio Lower Upper
91 100
92 49.7 26.4 79.0
134 25.1 12.6 37.6



#90
Hexachloroethane
Concen: 48.205 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Tgt Ion: 117 Resp: 169818
Ion Ratio Lower Upper
117 100
201 66.1 29.3 88.0

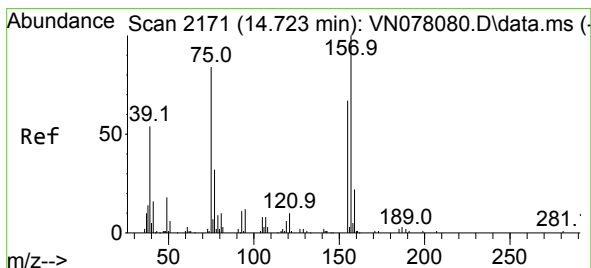
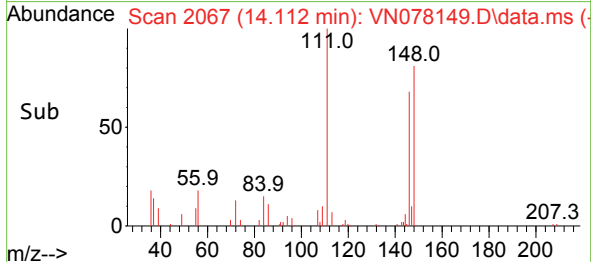
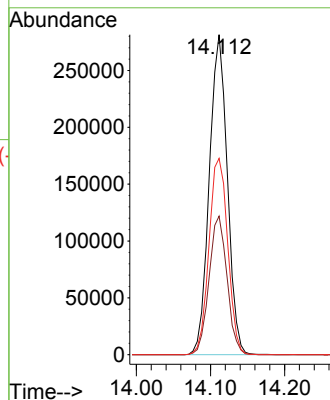
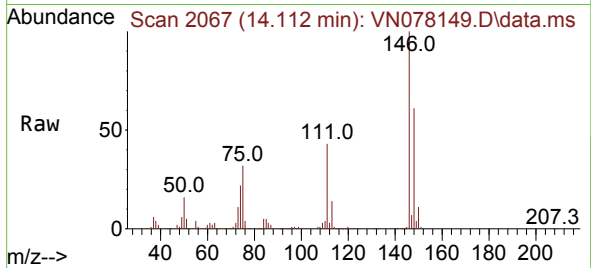




#91
1,2-Dichlorobenzene
Concen: 46.672 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

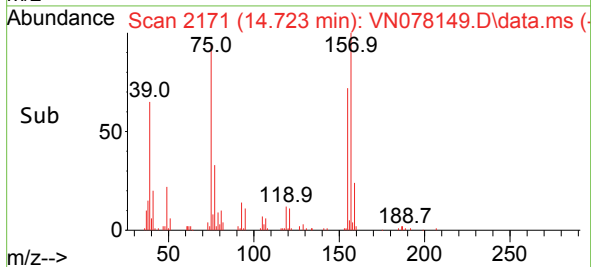
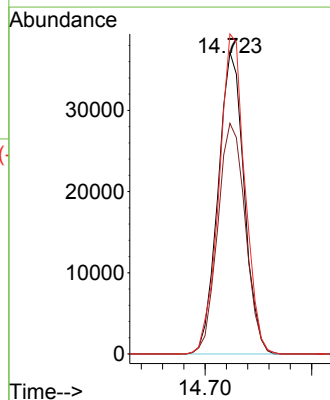
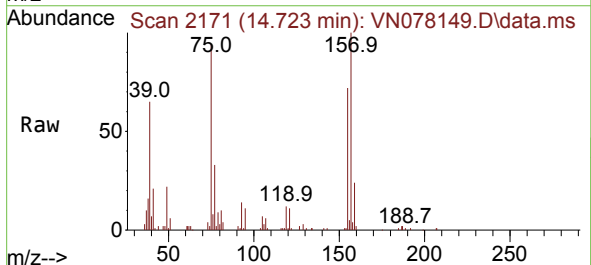
Instrument :
MSVOA_N
ClientSampleId :

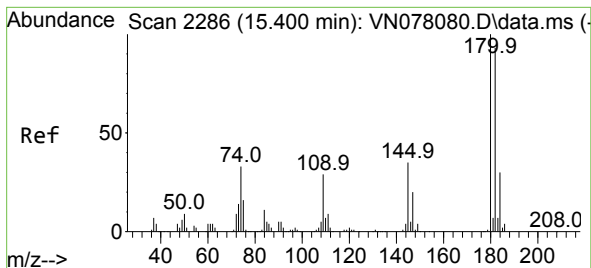
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	22.0	66.0
148	63.9	31.8	95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.902 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078149.D
Acq: 09 Jun 2023 16:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.9	39.1	117.2
157	105.1	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 51.000 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. 0.000 min

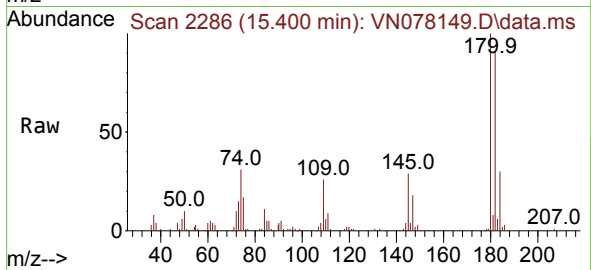
Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :



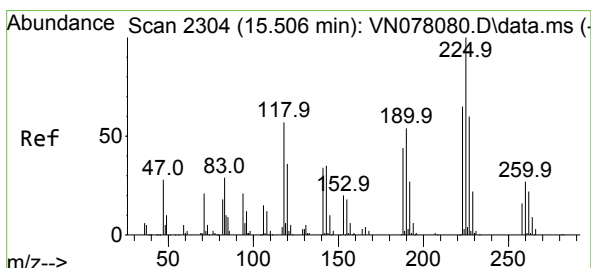
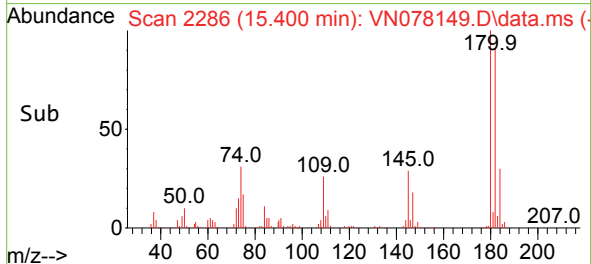
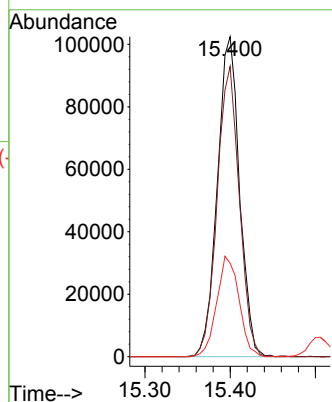
Tgt Ion:180 Resp: 185184

Ion Ratio Lower Upper

180 100

182 90.5 46.1 138.2

145 31.5 16.6 49.8



#94

Hexachlorobutadiene

Concen: 51.813 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

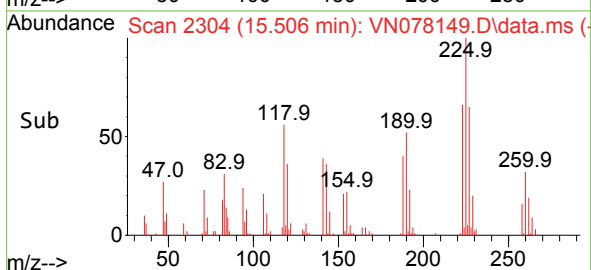
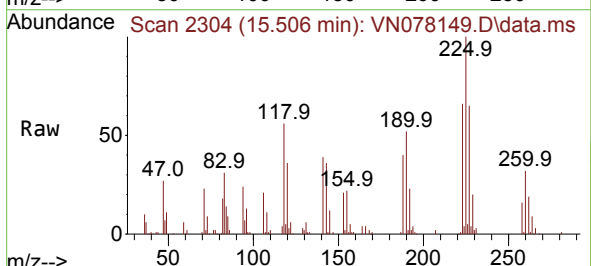
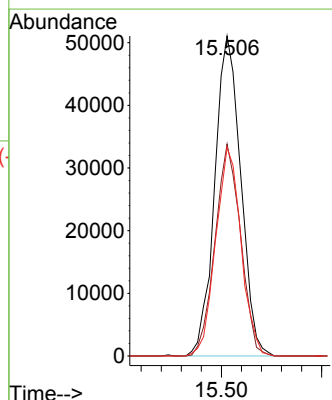
Tgt Ion:225 Resp: 92046

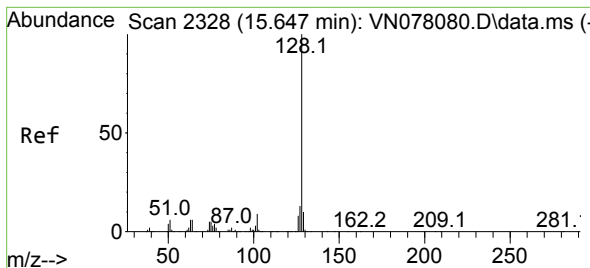
Ion Ratio Lower Upper

225 100

223 65.0 31.3 93.8

227 63.4 31.9 95.9





#95

Naphthalene

Concen: 47.051 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :

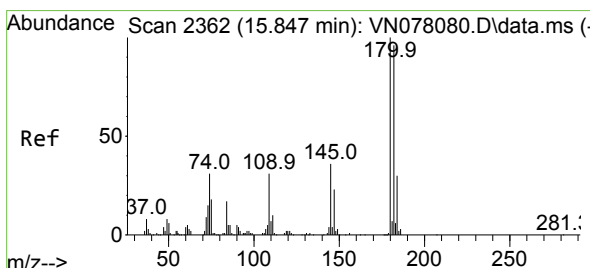
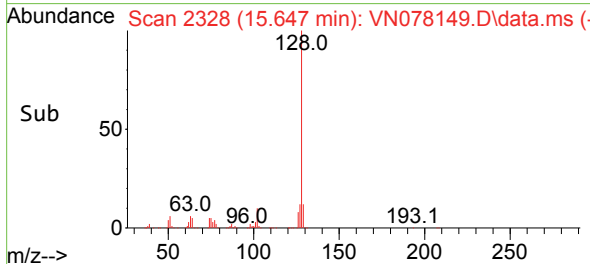
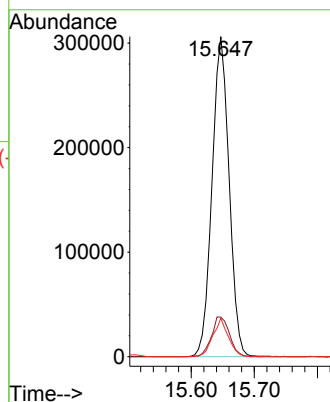
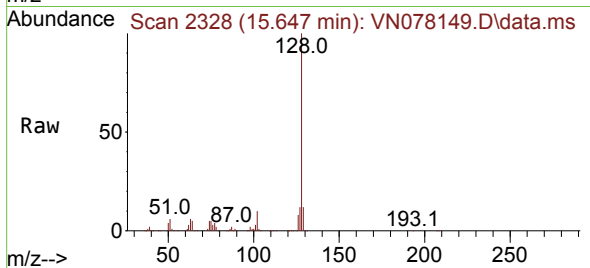
Tgt Ion:128 Resp: 574678

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 47.204 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078149.D

Acq: 09 Jun 2023 16:34

Tgt Ion:180 Resp: 191699

Ion Ratio Lower Upper

180 100

182 96.1 46.2 138.6

145 34.0 17.5 52.6

