

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110923\
 Data File : VN080028.D
 Acq On : 09 Nov 2023 17:46
 Operator : JC\MD
 Sample : 05102-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 10 00:38:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	281440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	599567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	653689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	303567	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	242577	56.573	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.140%	
35) Dibromofluoromethane	8.171	113	205232	48.364	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.720%	
50) Toluene-d8	10.570	98	777534	49.772	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.540%	
62) 4-Bromofluorobenzene	12.853	95	309909	59.817	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.640%	

Target Compounds			Qvalue			
3) Chloromethane	2.371	50	1126	Below Cal	#	84
4) Vinyl Chloride	2.518	62	3004	0.677	ug/l #	70
5) Bromomethane	2.965	94	673	0.250	ug/l	99
10) Methyl Iodide	4.589	142	1157	0.317	ug/l #	76
11) Tert butyl alcohol	5.536	59	2311	4.222	ug/l #	72
16) Acetone	4.430	43	80772	53.628	ug/l	99
17) Carbon Disulfide	4.718	76	9544	1.092	ug/l	99
18) Methyl Acetate	5.041	43	3484	0.483	ug/l #	65
20) Methylene Chloride	5.283	84	19462	5.121	ug/l #	84
25) 2-Butanone	7.494	43	23219	10.528	ug/l #	77
27) cis-1,2-Dichloroethene	7.494	96	10707	2.649	ug/l	93
29) Tetrahydrofuran	7.853	42	2047	1.427	ug/l #	58
31) Cyclohexane	8.259	56	36810	6.497	ug/l	87
36) 1,1-Dichloropropene	8.224	75	25682	4.239	ug/l #	47
37) Ethyl Acetate	7.565	43	6182	1.113	ug/l	95
38) Carbon Tetrachloride	8.229	117	29850	4.888	ug/l #	16
39) Methylcyclohexane	9.606	83	34198	5.997	ug/l #	84
40) Benzene	8.612	78	357194	19.683	ug/l	100
41) Methacrylonitrile	7.853	41	1048	0.355	ug/l #	31
42) 1,2-Dichloroethane	8.677	62	8458026	1334.274	ug/l	98
43) Isopropyl Acetate	8.694	43	300123	30.798	ug/l #	1
44) Trichloroethene	9.347	130	3935	0.874	ug/l	74
45) 1,2-Dichloropropane	9.612	63	1088	0.235	ug/l #	1
48) Methyl methacrylate	9.747	41	237436	55.626	ug/l #	26
49) 1,4-Dioxane	9.741	88	314	4.163	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	63903	11.648	ug/l #	84
52) Toluene	10.635	92	5264397	489.318	ug/l	99
53) t-1,3-Dichloropropene	10.635	75	63965	9.661	ug/l #	1
54) cis-1,3-Dichloropropene	10.365	75	95193	13.191	ug/l #	72
55) 1,1,2-Trichloroethane	11.006	97	3548	0.820	ug/l #	22
57) 1,3-Dichloropropane	11.200	76	14319	1.877	ug/l #	42
59) 2-Hexanone	11.170	43	227409	54.183	ug/l #	19
64) Tetrachloroethene	11.112	164	1043	0.246	ug/l #	68
65) Chlorobenzene	11.894	112	111683	7.876	ug/l	100
67) Ethyl Benzene	11.965	91	2720886	110.136	ug/l	97
68) m/p-Xylenes	12.070	106	2731678	296.827	ug/l	93

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

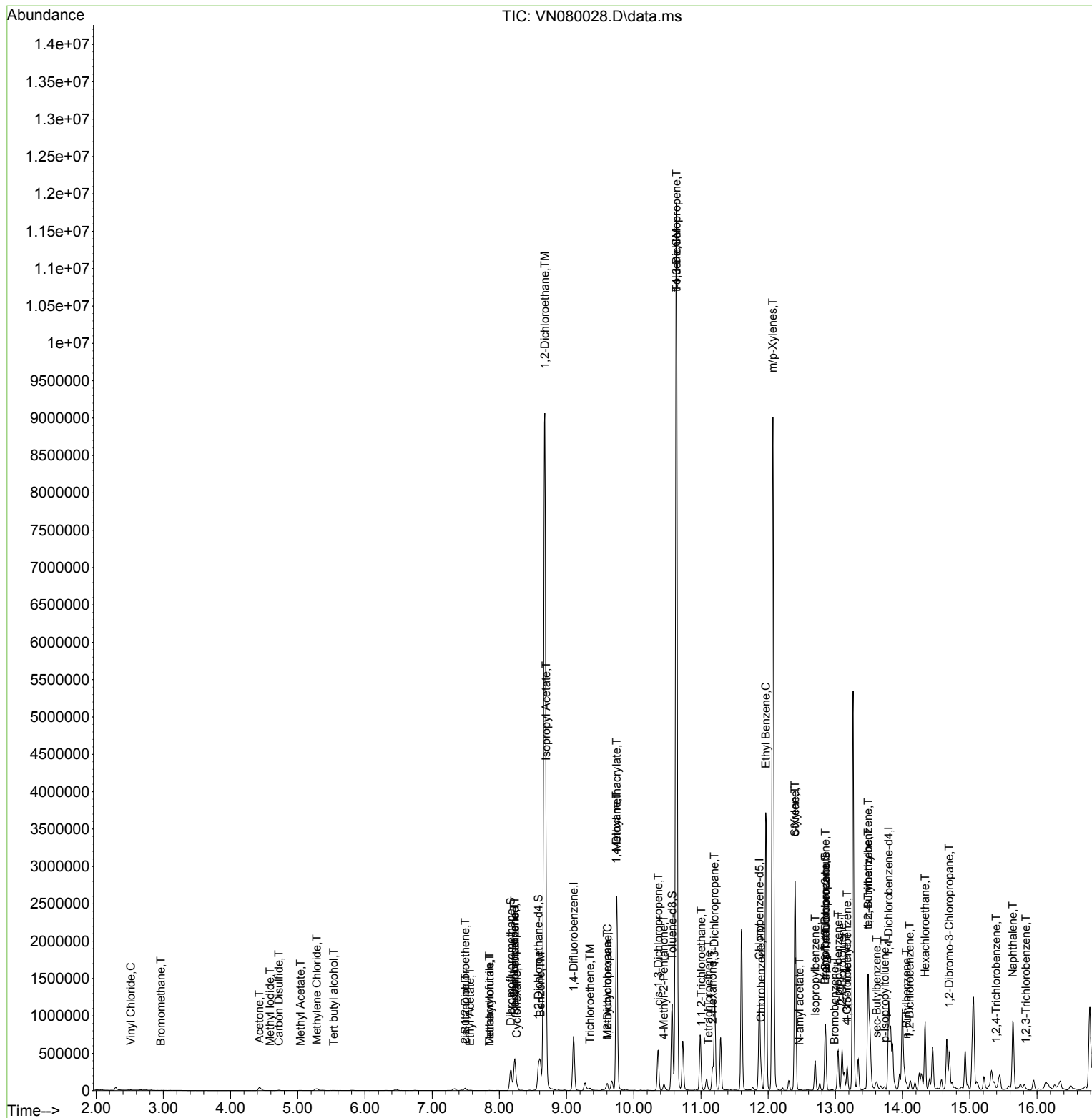
69) o-Xylene	12.400	106	753463	85.022	ug/l	92
70) Styrene	12.400	104	48535	3.408	ug/l #	1
71) Bromoform	12.847	173	1347	0.371	ug/l #	1
73) Isopropylbenzene	12.700	105	245351	10.649	ug/l	100
74) N-amyl acetate	12.464	43	4406	0.438	ug/l #	40
76) 1,2,3-Trichloropropane	12.853	75	162093	22.744	ug/l #	1
77) Bromobenzene	12.988	156	2094	0.371	ug/l	80
78) n-propylbenzene	13.041	91	416130	15.773	ug/l	97
79) 2-Chlorotoluene	13.100	91	40329	2.393	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.176	105	168736	9.413	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.853	75	162093	61.881	ug/l #	15
82) 4-Chlorotoluene	13.170	91	15971	0.954	ug/l #	41
83) tert-Butylbenzene	13.488	119	103634	7.063	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.488	105	807161	45.769	ug/l	99
85) sec-Butylbenzene	13.617	105	49164	2.419	ug/l #	75
86) p-Isopropyltoluene	13.735	119	20623	1.244	ug/l	97
89) n-Butylbenzene	14.059	91	44783	3.137	ug/l #	82
90) Hexachloroethane	14.335	117	45686	13.919	ug/l #	21
91) 1,2-Dichlorobenzene	14.106	146	27232	2.749	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.694	75	3271	2.361	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.394	180	2202	0.468	ug/l #	82
95) Naphthalene	15.641	128	840008	52.591	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	930	0.201	ug/l #	40

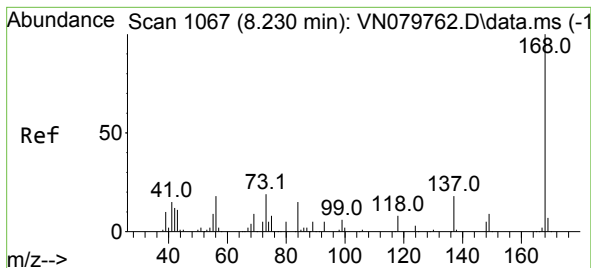
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. 0.000 min

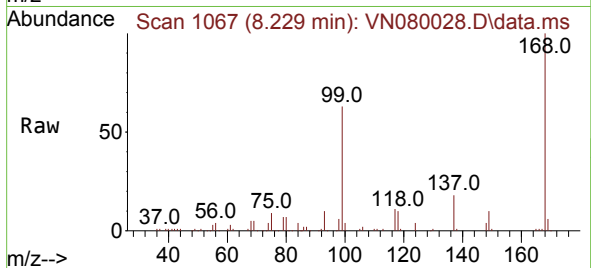
Lab File: VN080028.D

Acq: 09 Nov 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

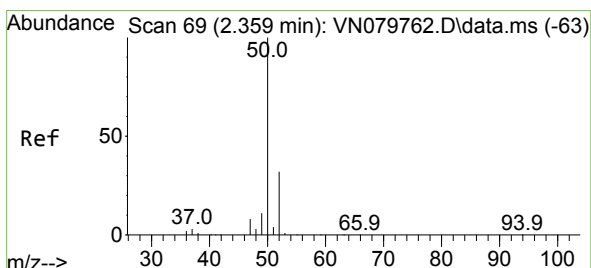
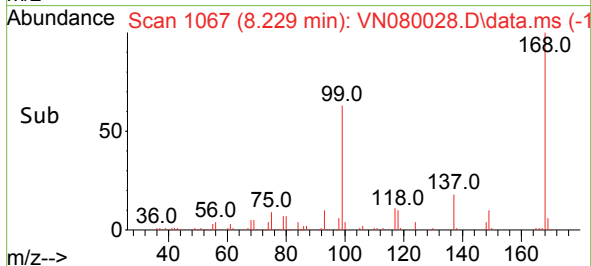
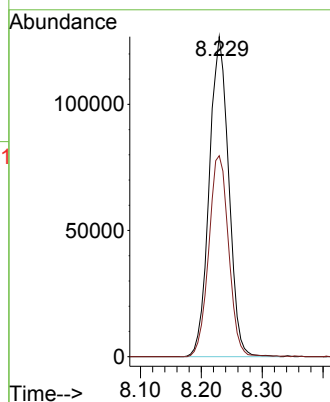


Tgt Ion:168 Resp: 281440

Ion Ratio Lower Upper

168 100

99 62.8 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.371 min Scan# 71

Delta R.T. 0.012 min

Lab File: VN080028.D

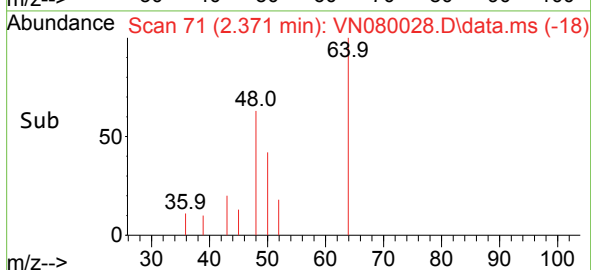
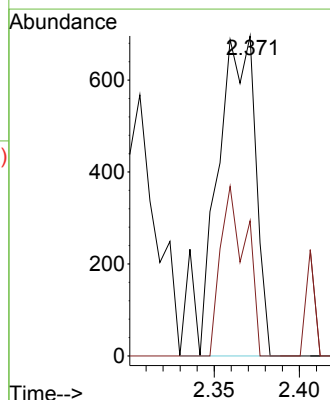
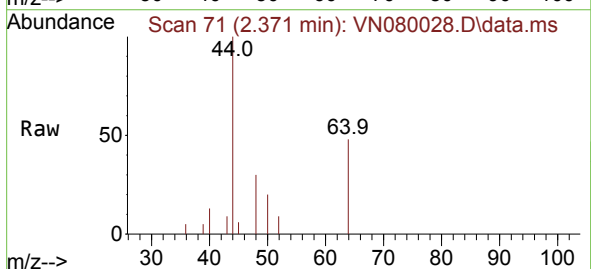
Acq: 09 Nov 2023 17:46

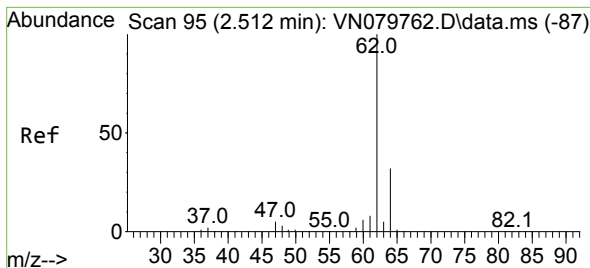
Tgt Ion: 50 Resp: 1126

Ion Ratio Lower Upper

50 100

52 42.2 26.5 39.7#





#4

Vinyl Chloride

Concen: 0.677 ug/l

RT: 2.518 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN080028.D

Acq: 09 Nov 2023 17:46

Instrument :

MSVOA_N

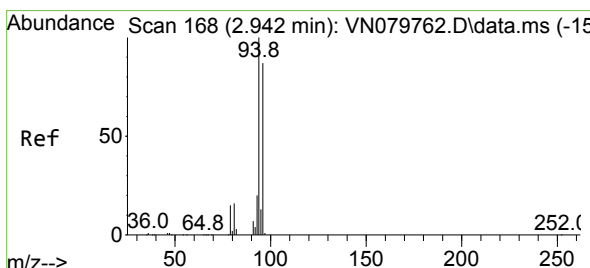
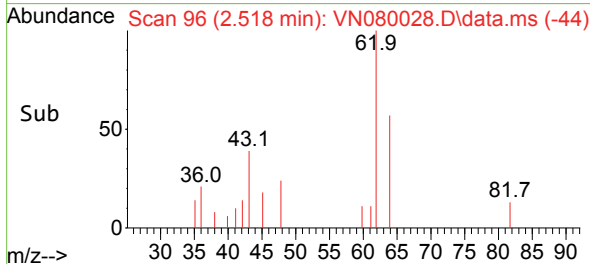
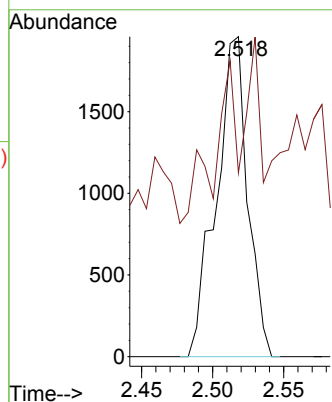
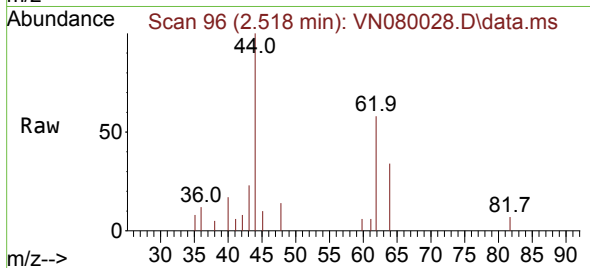
ClientSampleId :

Tgt Ion: 62 Resp: 3004

Ion Ratio Lower Upper

62 100

64 15.8 26.2 39.2#



#5

Bromomethane

Concen: 0.250 ug/l

RT: 2.965 min Scan# 172

Delta R.T. 0.012 min

Lab File: VN080028.D

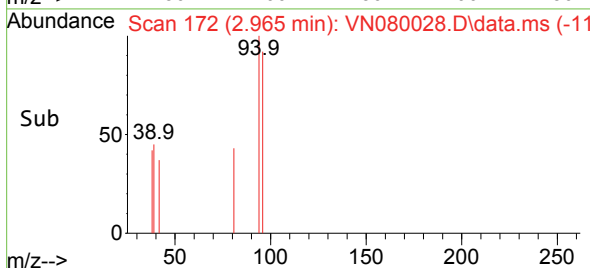
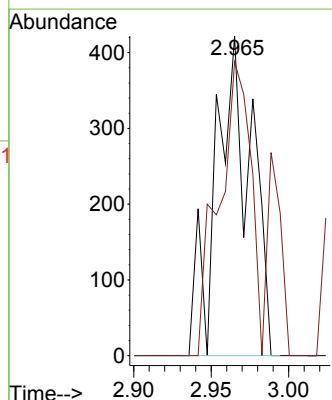
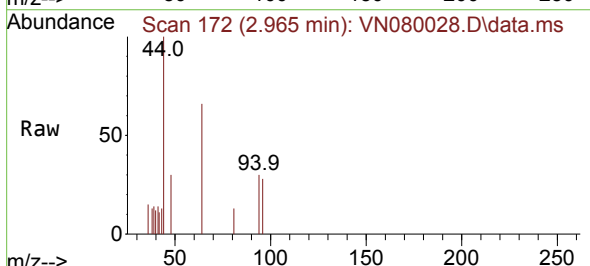
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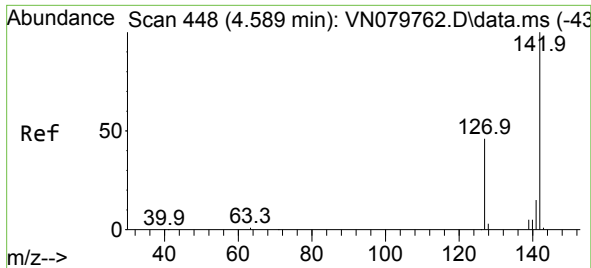
Tgt Ion: 94 Resp: 673

Ion Ratio Lower Upper

94 100

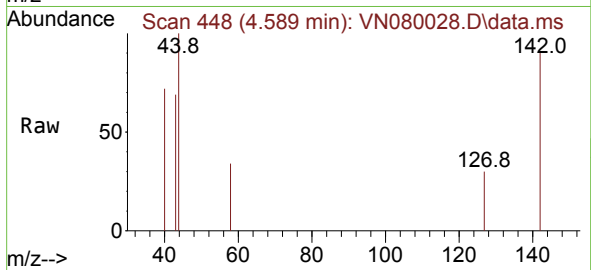
96 91.9 73.1 109.7



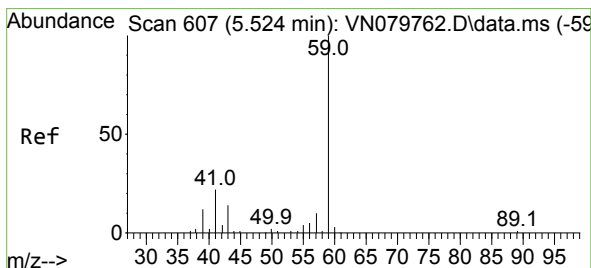
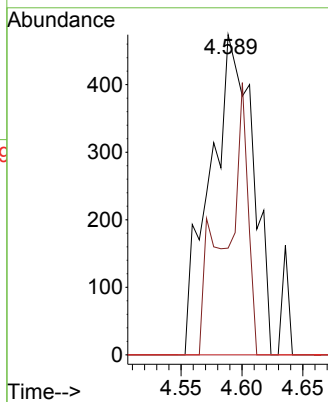
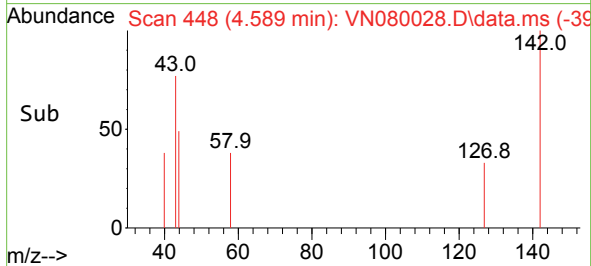


#10
Methyl Iodide
Concen: 0.317 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

Instrument :
MSVOA_N
ClientSampleId :

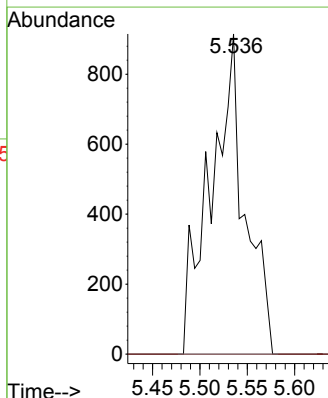
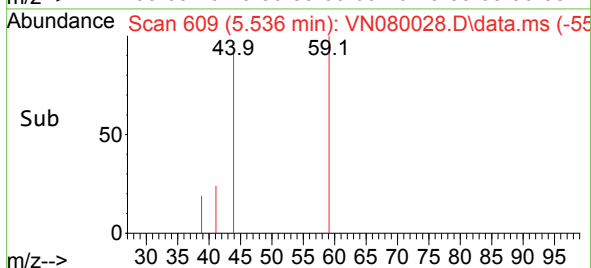
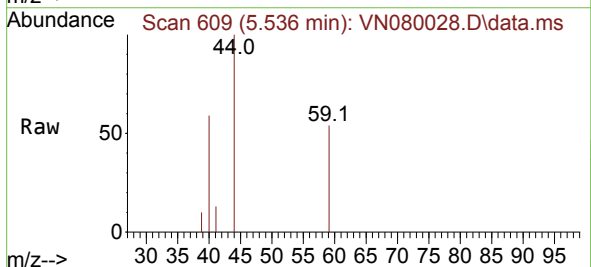


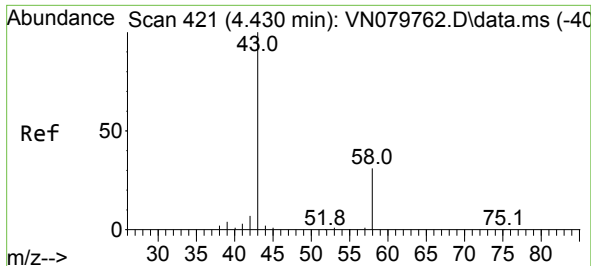
Tgt Ion:142 Resp: 1157
Ion Ratio Lower Upper
142 100
127 33.3 37.6 56.4#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 4.222 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.018 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

Tgt Ion: 59 Resp: 2311
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

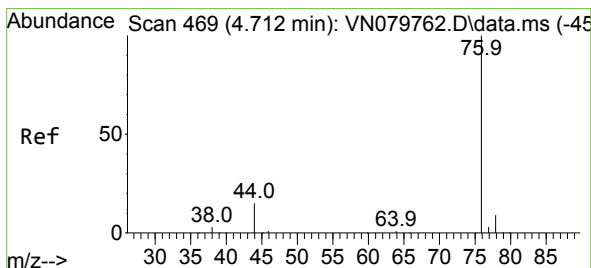
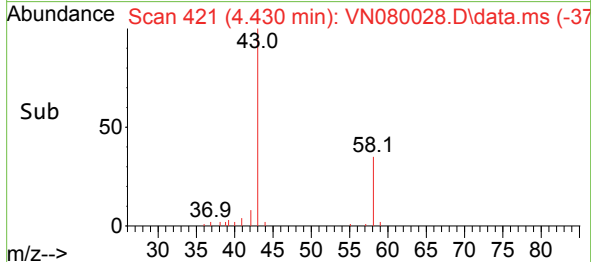
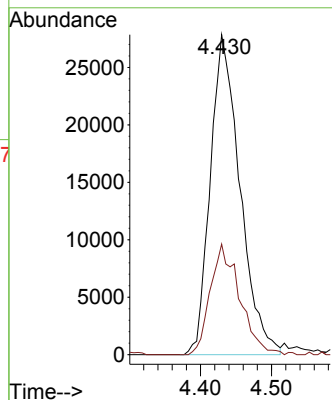
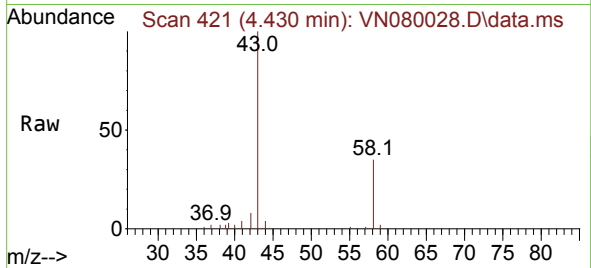




#16
Acetone
Concen: 53.628 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

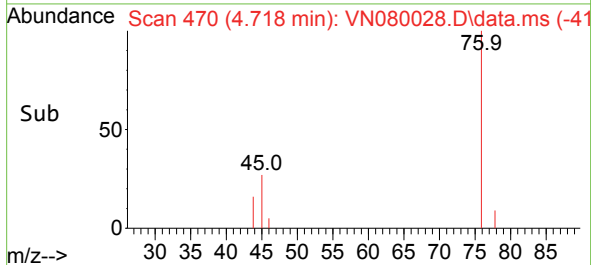
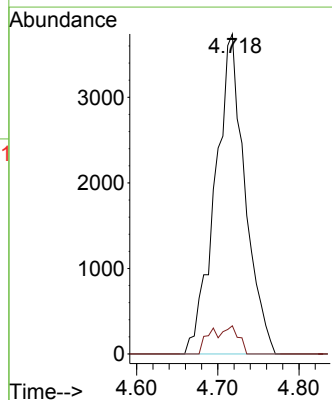
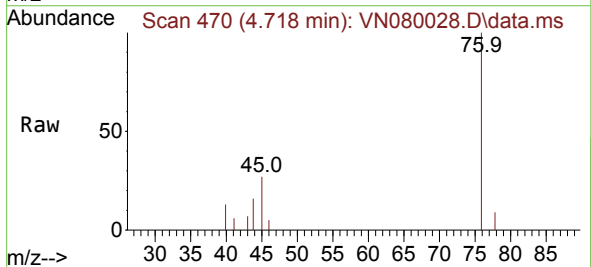
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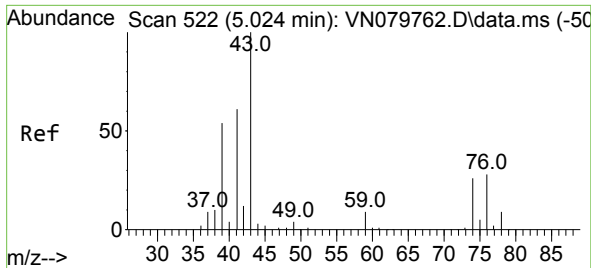
Tgt Ion: 43 Resp: 80772
Ion Ratio Lower Upper
43 100
58 34.5 28.0 42.0



#17
Carbon Disulfide
Concen: 1.092 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

Tgt Ion: 76 Resp: 9544
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

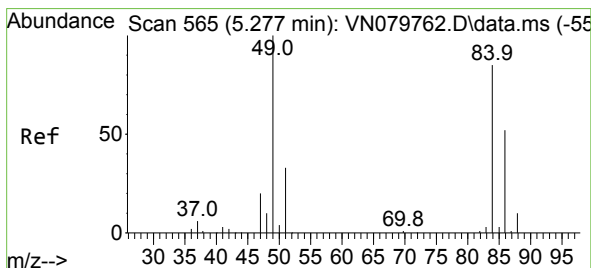
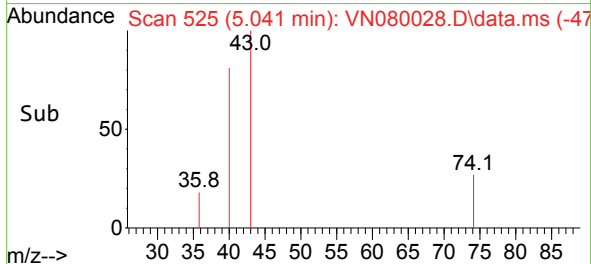
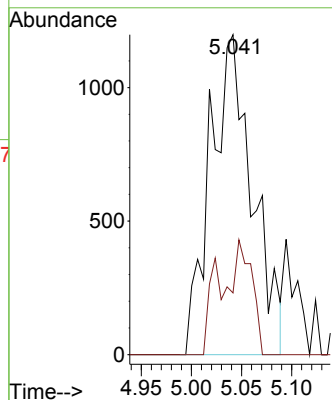
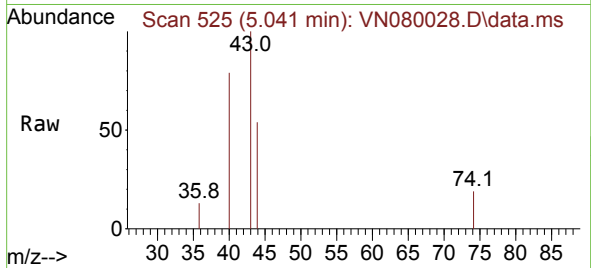




#18
Methyl Acetate
Concen: 0.483 ug/l
RT: 5.041 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

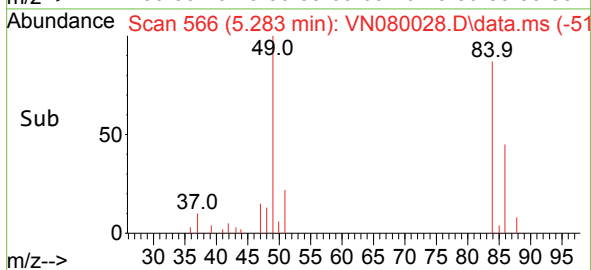
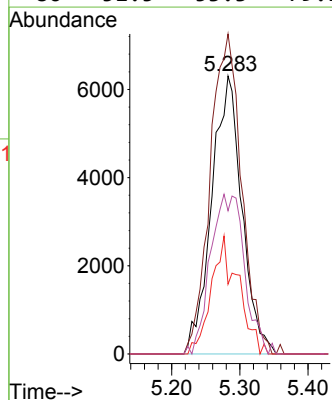
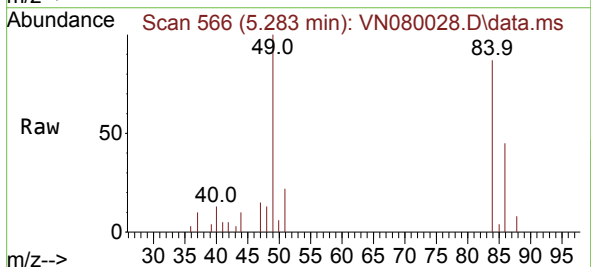
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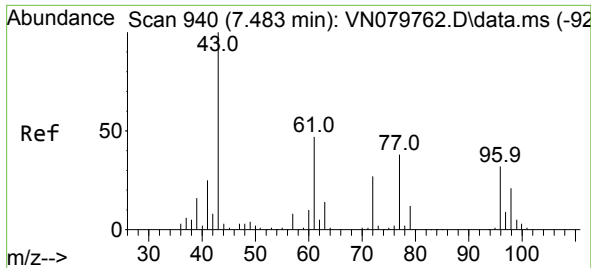
Tgt Ion: 43 Resp: 3484
Ion Ratio Lower Upper
43 100
74 13.3 26.2 39.4#



#20
Methylene Chloride
Concen: 5.121 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

Tgt Ion: 84 Resp: 19462
Ion Ratio Lower Upper
84 100
49 115.1 79.7 119.5
51 25.1 25.2 37.8#
86 51.5 53.3 79.9#

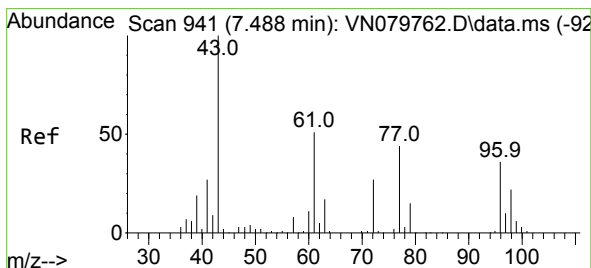
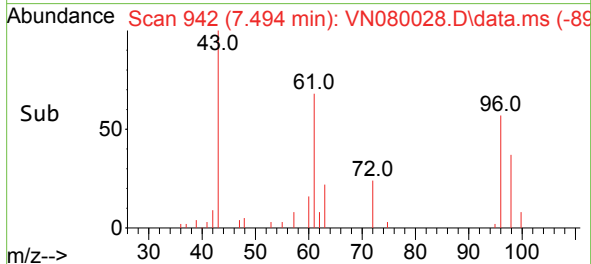
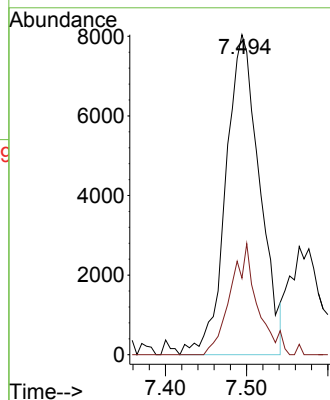
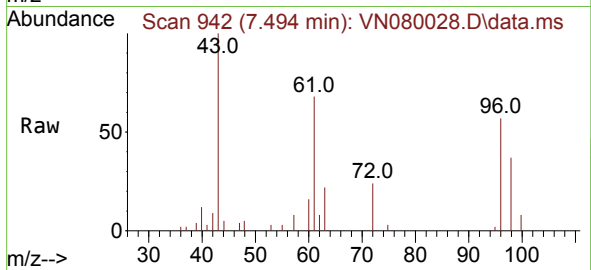




#25
2-Butanone
Concen: 10.528 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

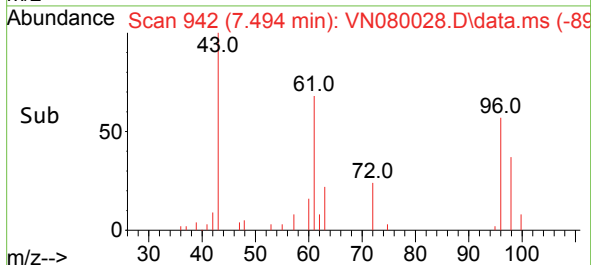
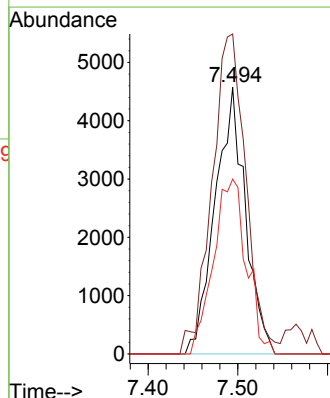
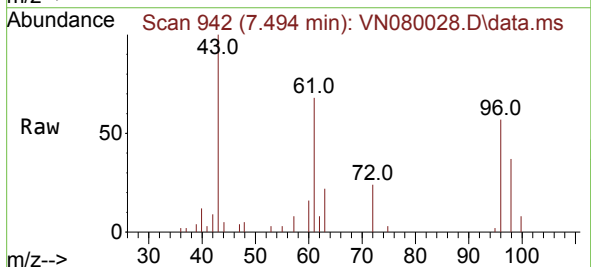
Instrument :
MSVOA_N
ClientSampleId :

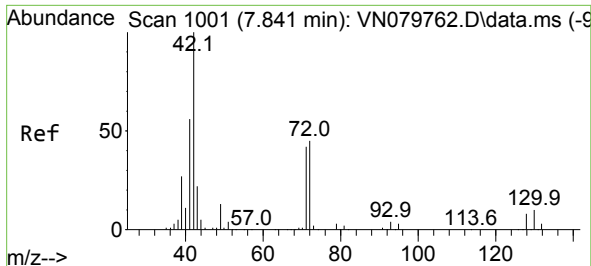
Tgt Ion: 43 Resp: 23219
Ion Ratio Lower Upper
43 100
72 23.9 30.2 45.2#



#27
cis-1,2-Dichloroethene
Concen: 2.649 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

Tgt Ion: 96 Resp: 10707
Ion Ratio Lower Upper
96 100
61 134.7 0.0 255.2
98 71.7 0.0 128.8





#29

Tetrahydrofuran

Concen: 1.427 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.012 min

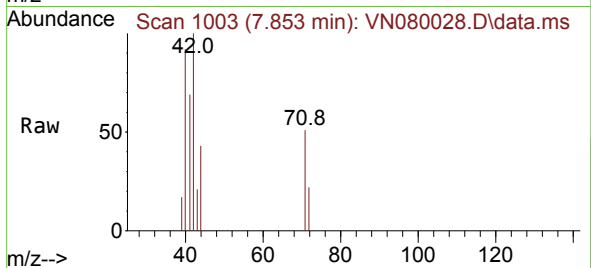
Lab File: VN080028.D

Acq: 09 Nov 2023 17:46

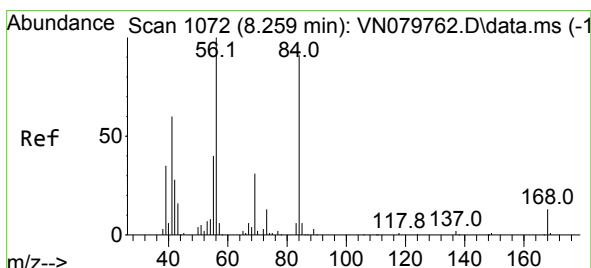
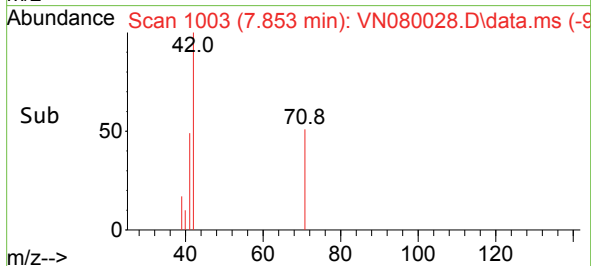
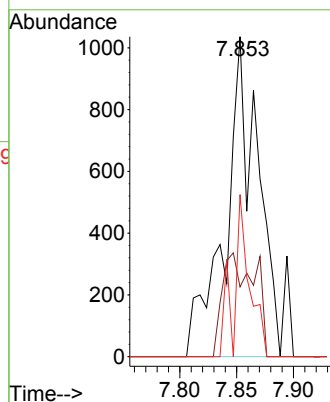
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	2047
Ion	Ratio	Lower	Upper
42	100		
72	32.3	49.8	74.6#
71	24.6	47.4	71.2#



#31

Cyclohexane

Concen: 6.497 ug/l

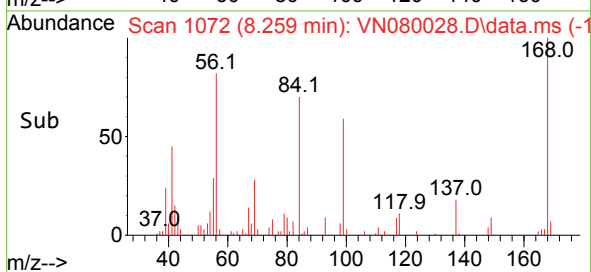
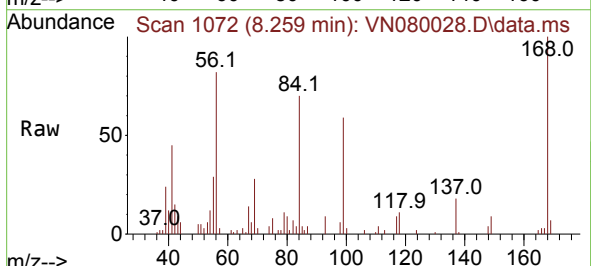
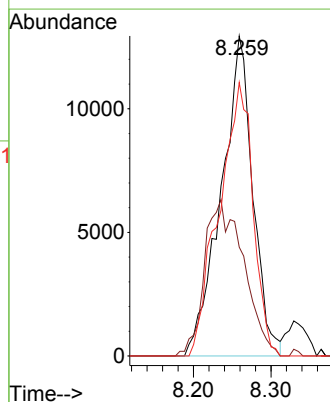
RT: 8.259 min Scan# 1072

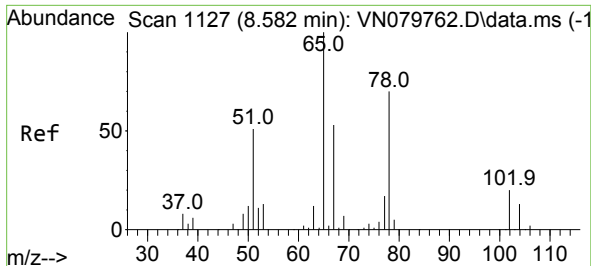
Delta R.T. -0.000 min

Lab File: VN080028.D

Acq: 09 Nov 2023 17:46

Tgt Ion:	56	Resp:	36810
Ion	Ratio	Lower	Upper
56	100		
69	34.0	26.8	40.2
84	85.4	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 56.573 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080028.D

Acq: 09 Nov 2023 17:46

Instrument :

MSVOA_N

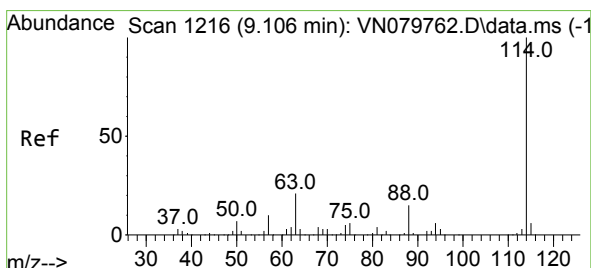
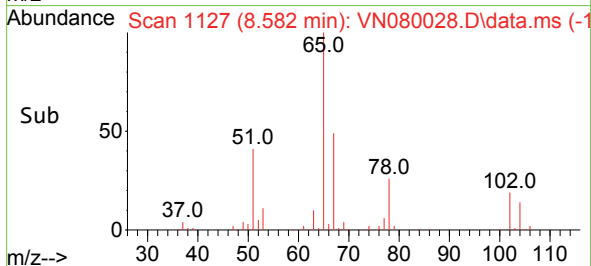
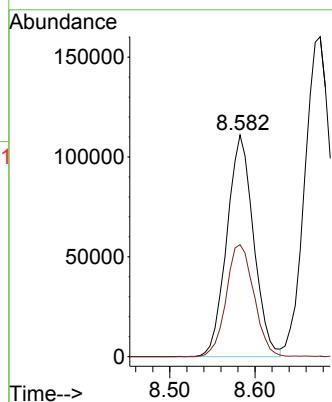
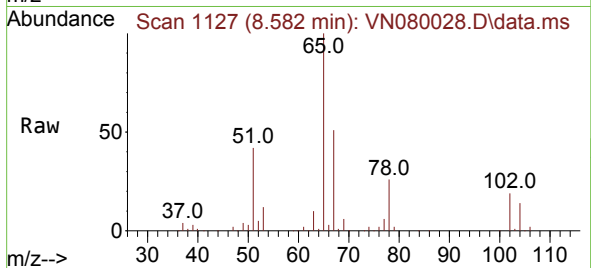
ClientSampleId :

Tgt Ion: 65 Resp: 242577

Ion Ratio Lower Upper

65 100

67 52.2 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: VN080028.D

Acq: 09 Nov 2023 17:46

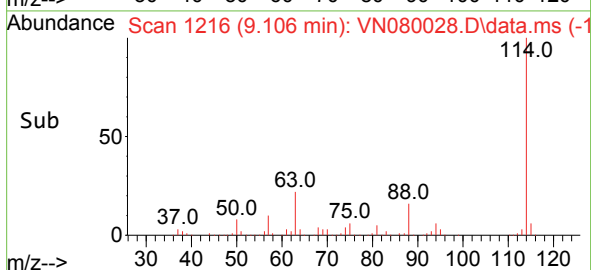
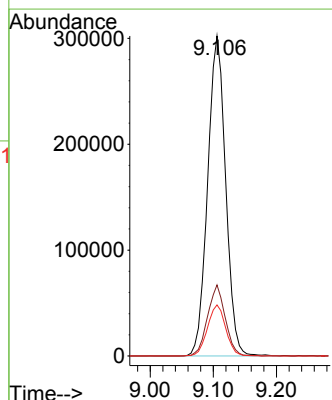
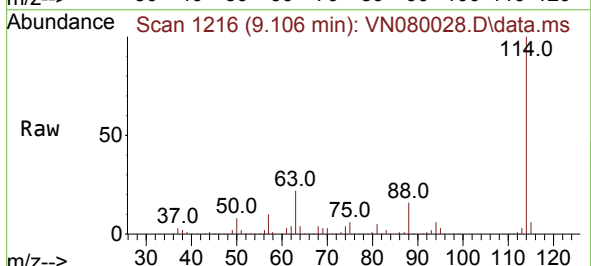
Tgt Ion: 114 Resp: 599567

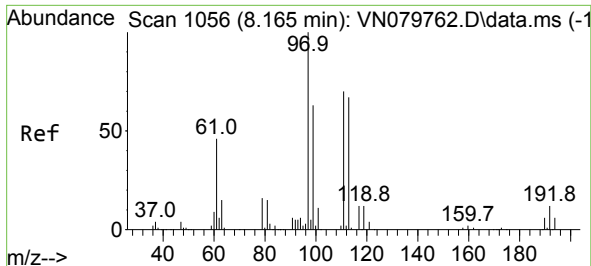
Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.364 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080028.D

Acq: 09 Nov 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

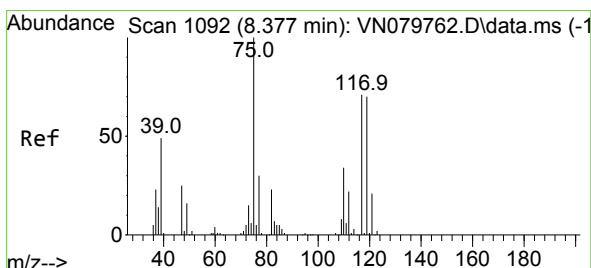
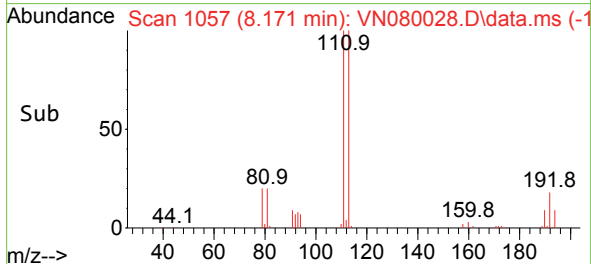
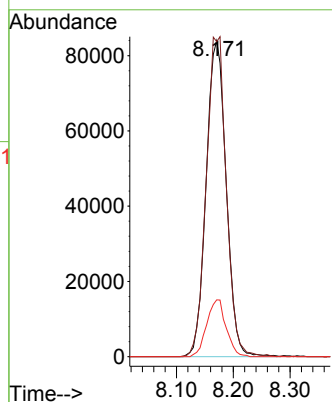
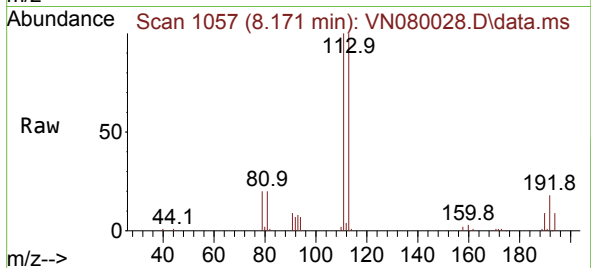
Tgt Ion:113 Resp: 205232

Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

192 17.4 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.239 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN080028.D

Acq: 09 Nov 2023 17:46

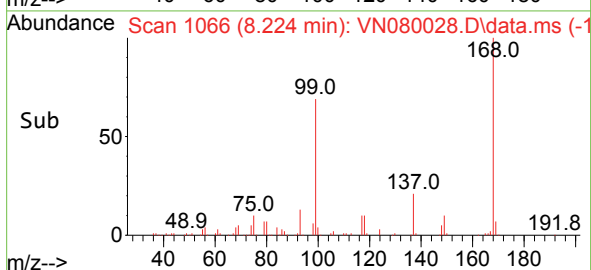
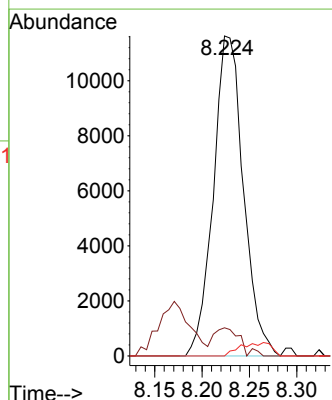
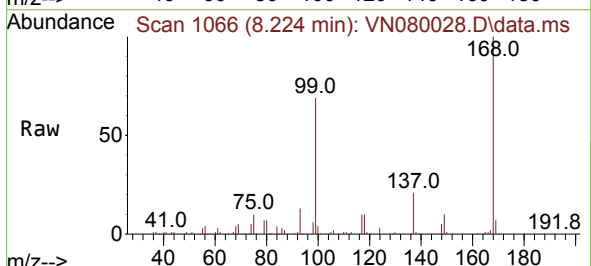
Tgt Ion: 75 Resp: 25682

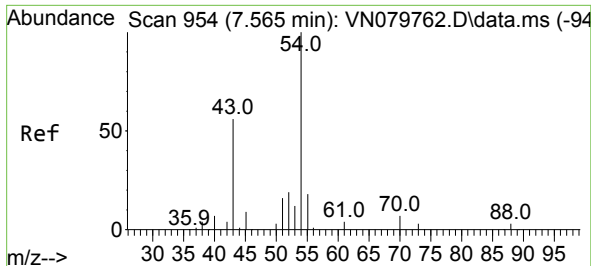
Ion Ratio Lower Upper

75 100

110 7.7 19.1 57.3#

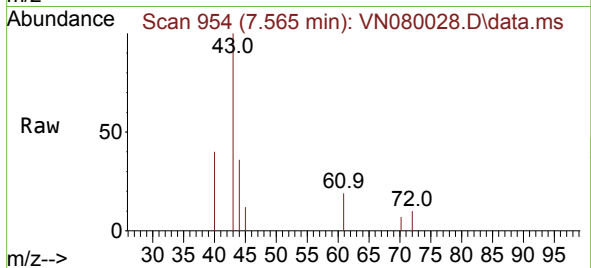
77 0.0 25.0 37.4#



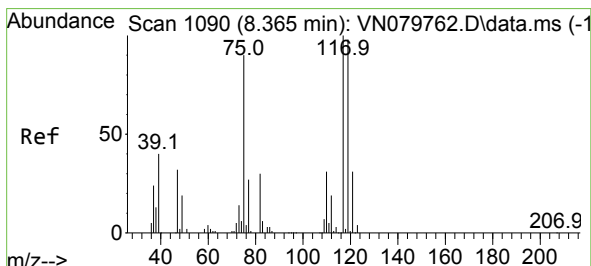
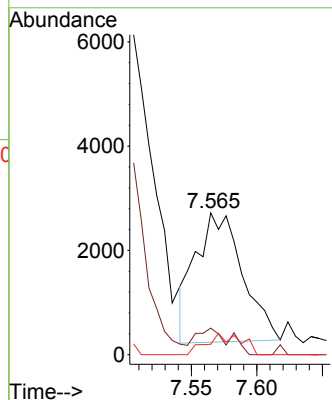
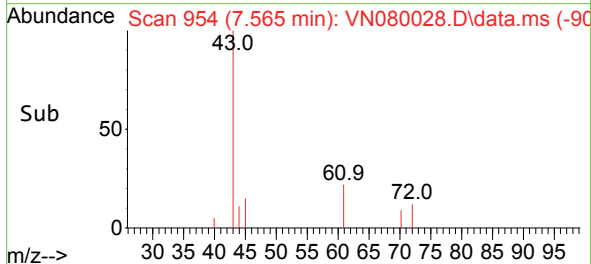


#37
Ethyl Acetate
Concen: 1.113 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

Instrument :
MSVOA_N
ClientSampleId :

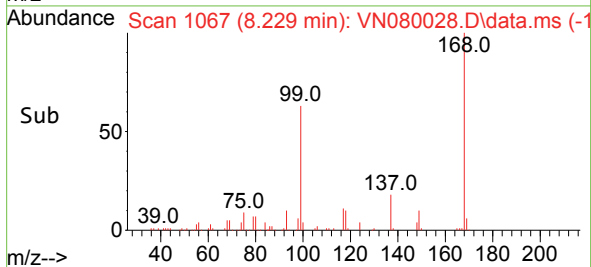
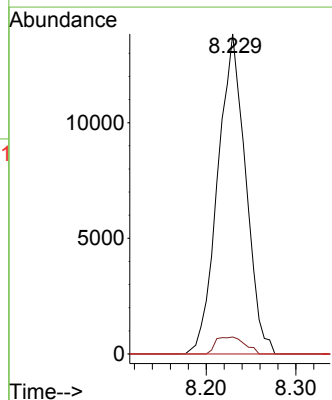
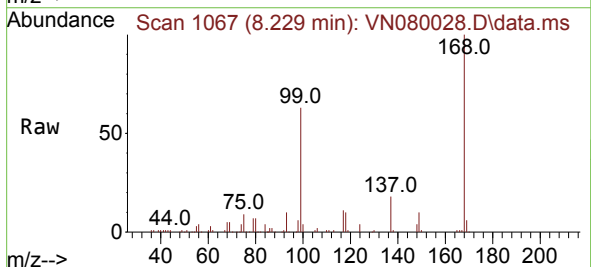


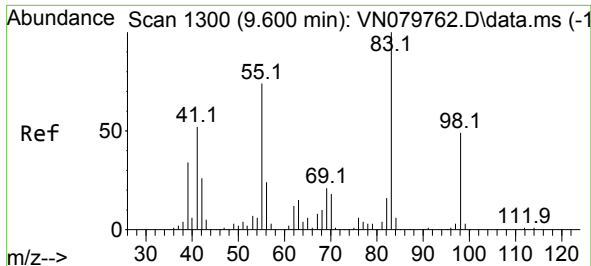
Tgt Ion:	43	Resp:	6182
Ion	Ratio	Lower	Upper
43	100		
61	14.3	13.2	19.8
70	12.1	11.3	16.9



#38
Carbon Tetrachloride
Concen: 4.888 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

Tgt Ion:	117	Resp:	29850
Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.3	115.9#
121	0.0	23.3	34.9#





#39

Methylcyclohexane

Concen: 5.997 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN080028.D

Acq: 09 Nov 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

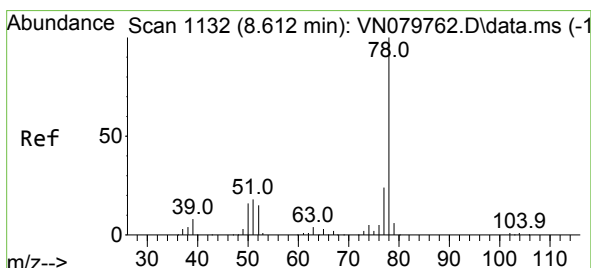
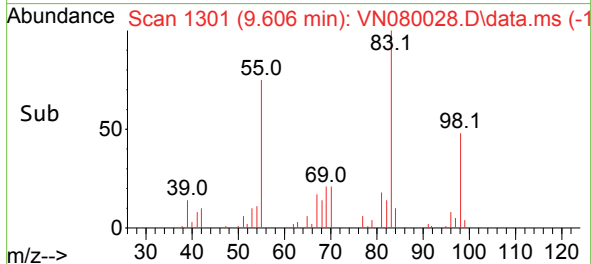
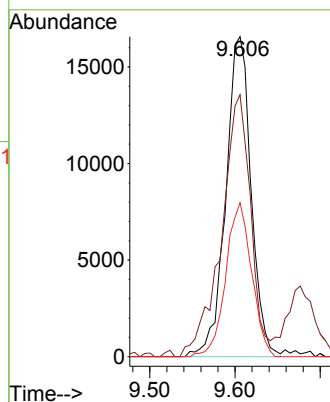
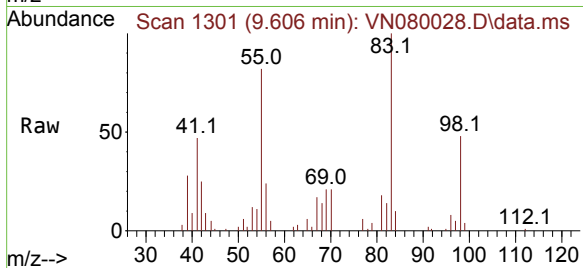
Tgt Ion: 83 Resp: 34198

Ion Ratio Lower Upper

83 100

55 81.9 49.1 73.7#

98 48.1 40.6 61.0



#40

Benzene

Concen: 19.683 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN080028.D

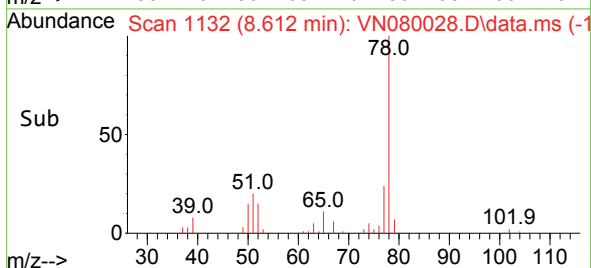
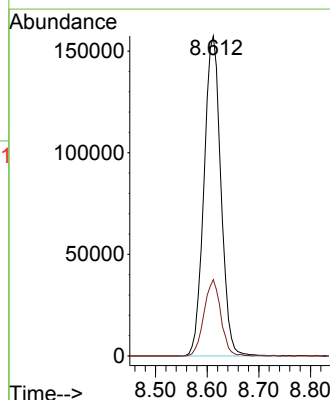
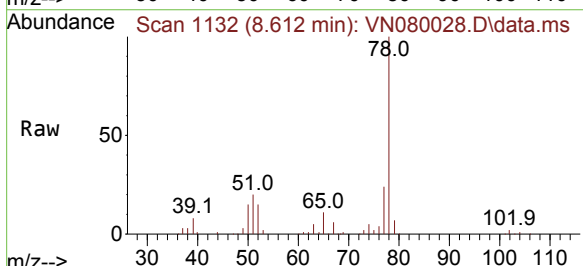
Acq: 09 Nov 2023 17:46

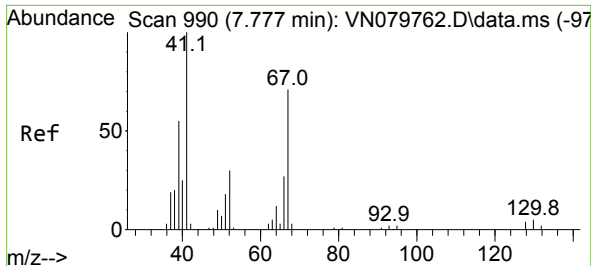
Tgt Ion: 78 Resp: 357194

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

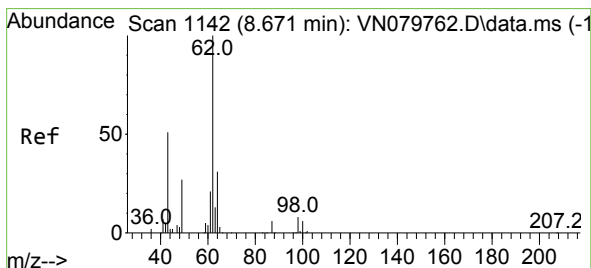
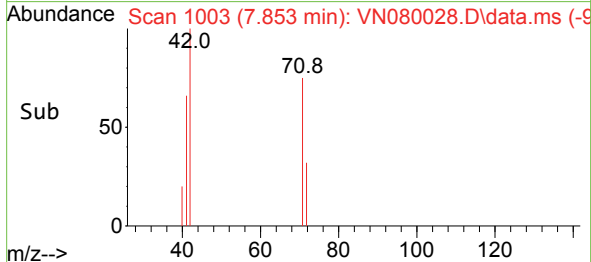
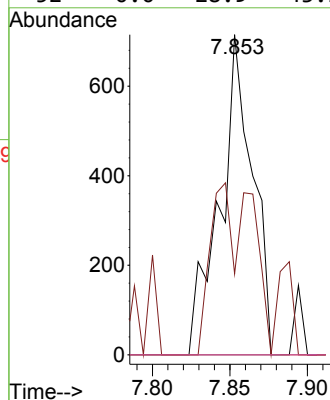
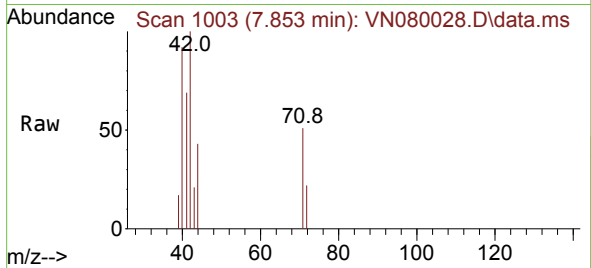




#41
Methacrylonitrile
Concen: 0.355 ug/l
RT: 7.853 min Scan# 1048
Delta R.T. 0.071 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

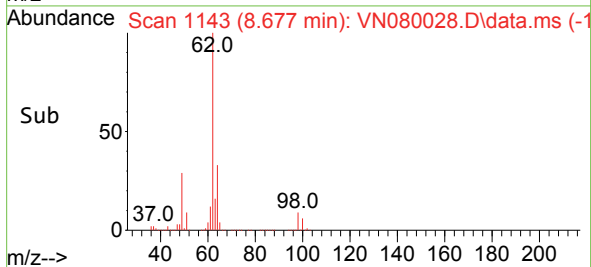
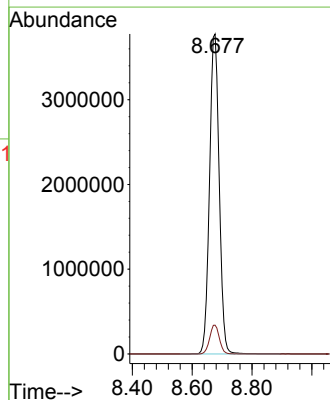
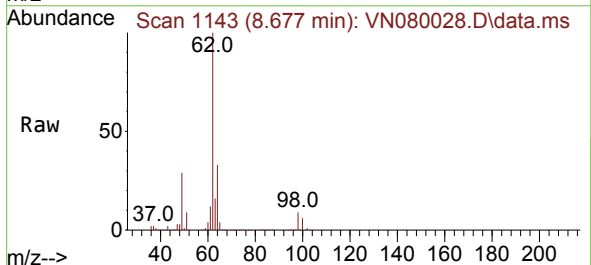
Instrument :
MSVOA_N
ClientSampleId :

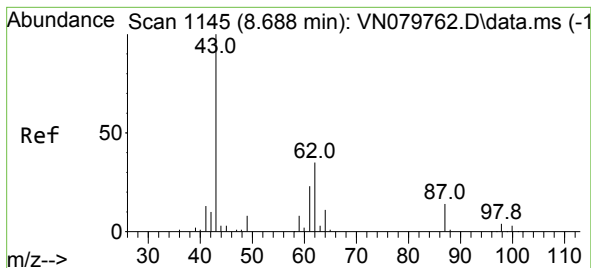
Tgt Ion:	41	Resp:	1048
Ion	Ratio	Lower	Upper
41	100		
39	37.7	42.6	64.0#
67	0.0	77.5	116.3#
52	0.0	28.9	43.3#



#42
1,2-Dichloroethane
Concen: 1334.274 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

Tgt Ion:	62	Resp:	8458026
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.8





#43

Isopropyl Acetate

Concen: 30.798 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080028.D

Acq: 09 Nov 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

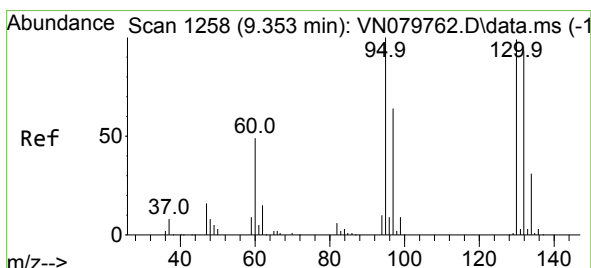
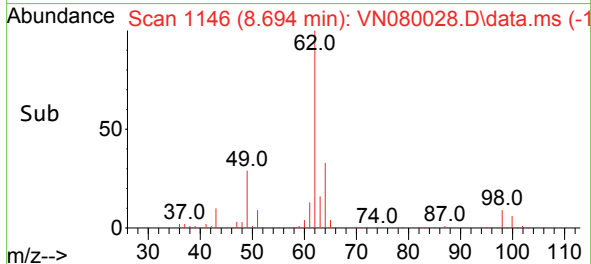
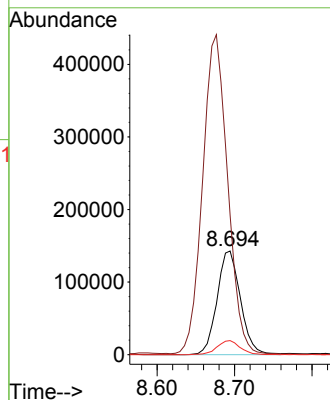
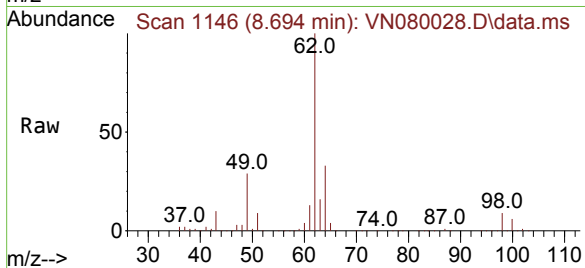
Tgt Ion: 43 Resp: 300123

Ion Ratio Lower Upper

43 100

61 329.9 24.7 37.1#

87 13.4 14.6 21.8#



#44

Trichloroethene

Concen: 0.874 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.006 min

Lab File: VN080028.D

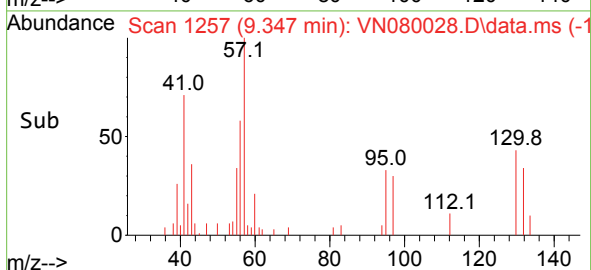
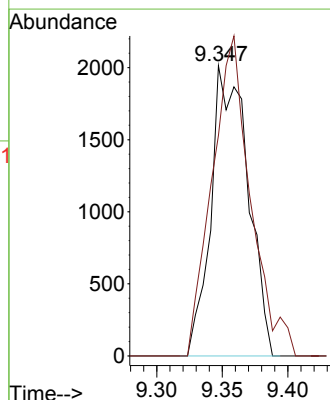
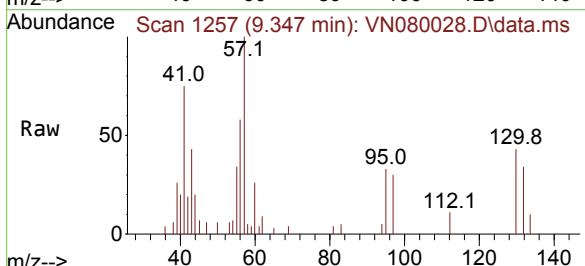
Acq: 09 Nov 2023 17:46

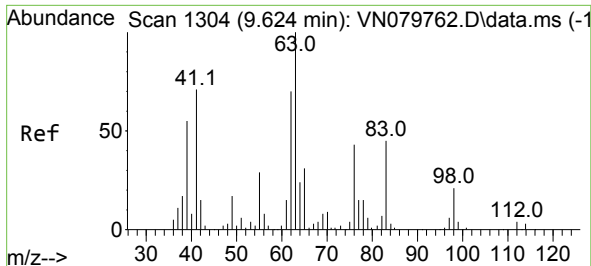
Tgt Ion:130 Resp: 3935

Ion Ratio Lower Upper

130 100

95 76.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 0.235 ug/l

RT: 9.612 min Scan# 1302

Delta R.T. -0.012 min

Lab File: VN080028.D

Acq: 09 Nov 2023 17:46

Instrument :

MSVOA_N

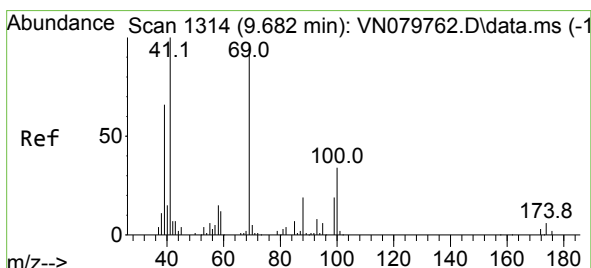
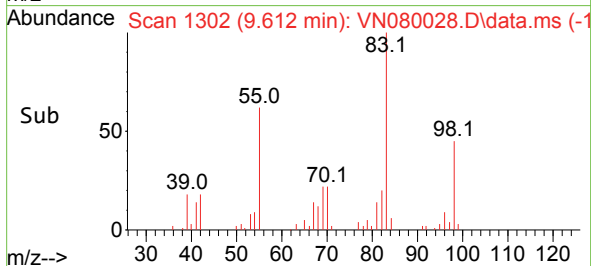
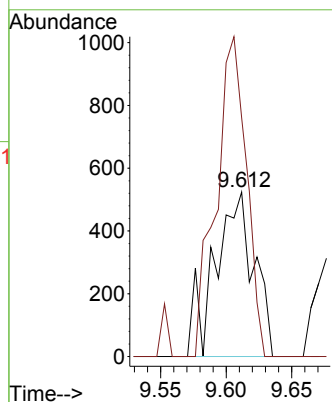
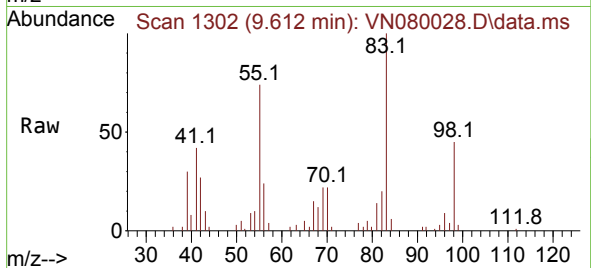
ClientSampleId :

Tgt Ion: 63 Resp: 1088

Ion Ratio Lower Upper

63 100

65 145.2 23.9 35.9#



#48

Methyl methacrylate

Concen: 55.626 ug/l

RT: 9.747 min Scan# 1325

Delta R.T. 0.065 min

Lab File: VN080028.D

Acq: 09 Nov 2023 17:46

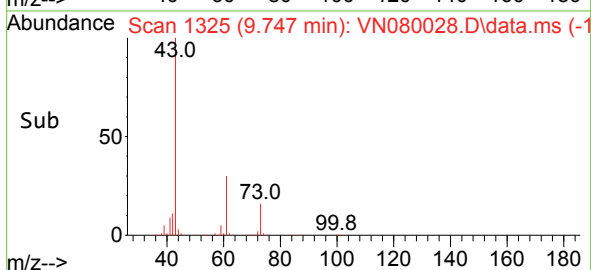
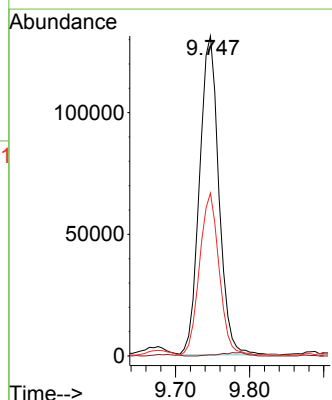
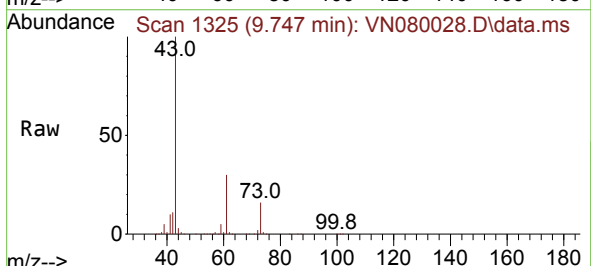
Tgt Ion: 41 Resp: 237436

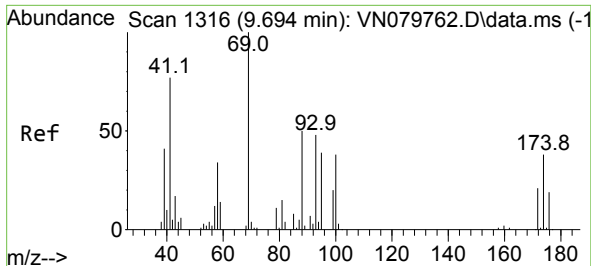
Ion Ratio Lower Upper

41 100

69 0.0 90.4 135.6#

39 51.2 54.6 81.8#





#49

1,4-Dioxane

Concen: 4.163 ug/l

RT: 9.741 min Scan# 1316

Delta R.T. 0.047 min

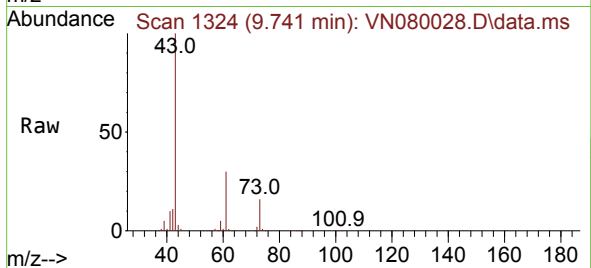
Lab File: VN080028.D

Acq: 09 Nov 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :



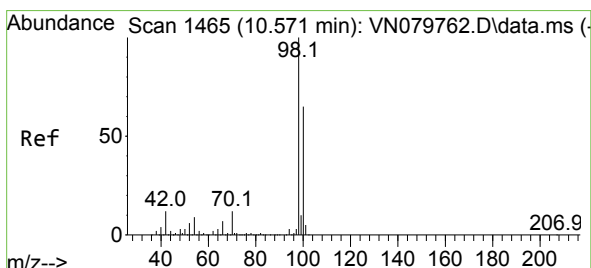
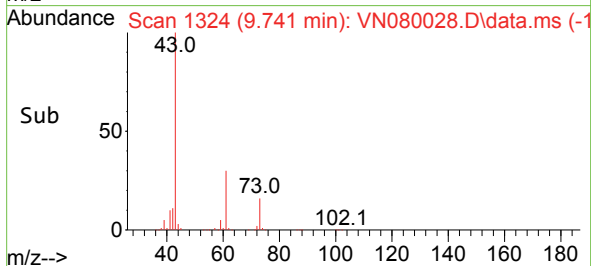
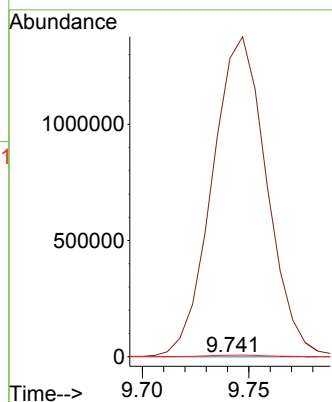
Tgt Ion: 88 Resp: 314

Ion Ratio Lower Upper

88 100

43 785768.2 17.0 25.6#

58 4042.7 47.0 70.4#



#50

Toluene-d8

Concen: 49.772 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080028.D

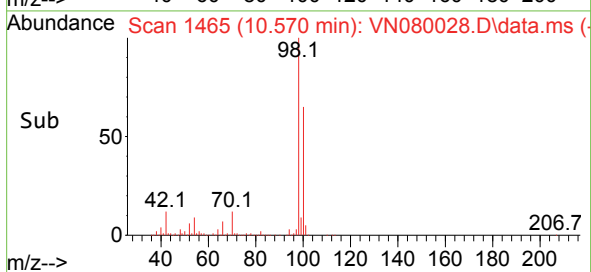
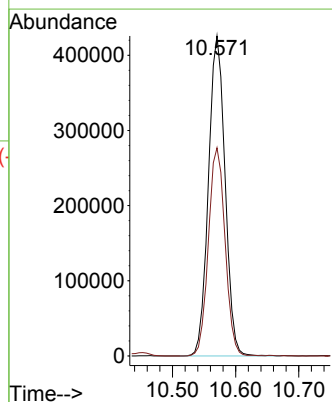
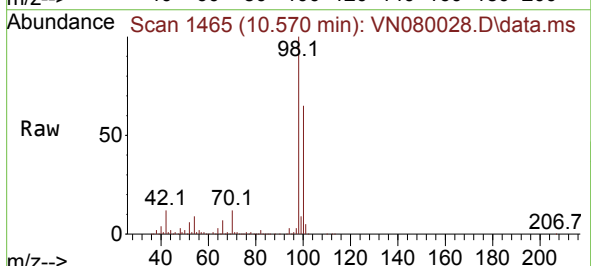
Acq: 09 Nov 2023 17:46

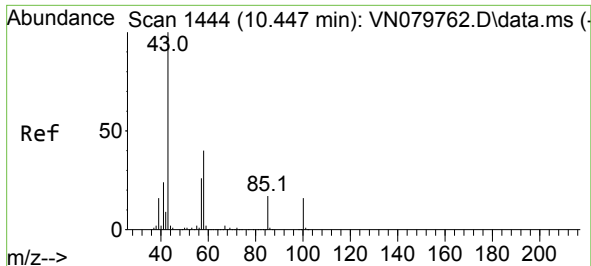
Tgt Ion: 98 Resp: 777534

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

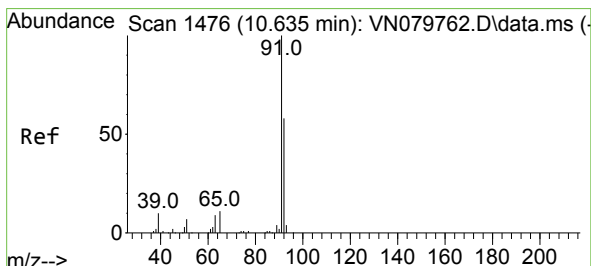
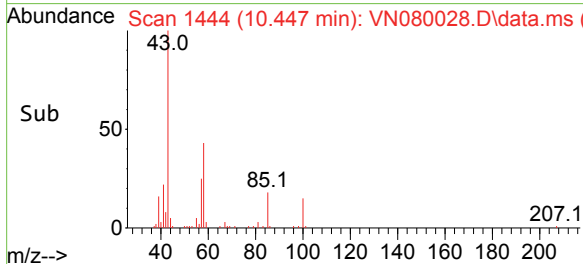
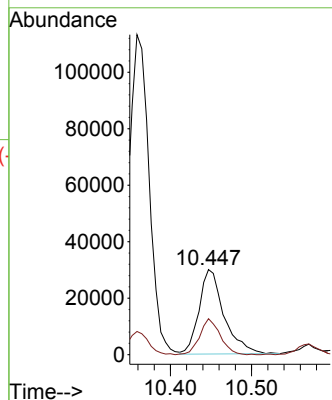
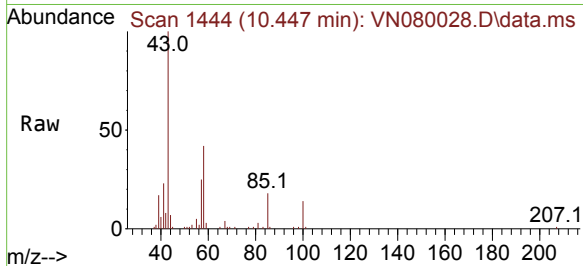




#51
4-Methyl-2-Pentanone
Concen: 11.648 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

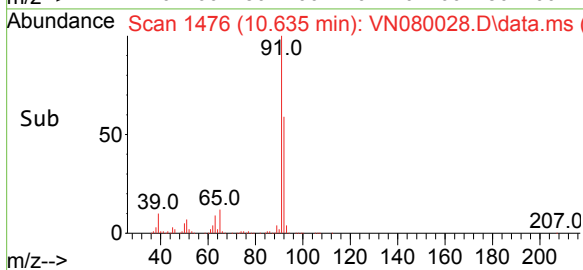
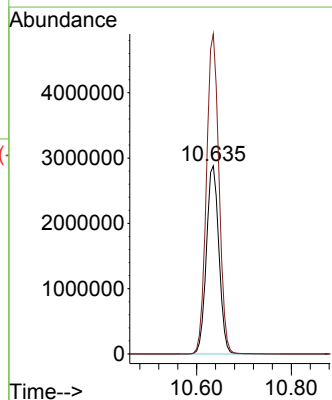
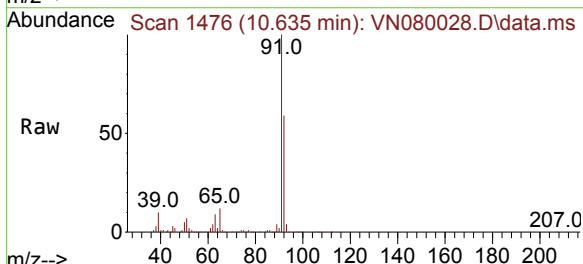
Instrument :
MSVOA_N
ClientSampleId :

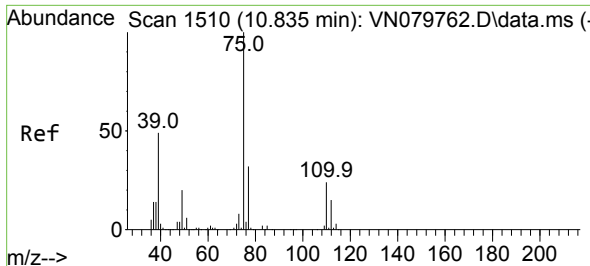
Tgt Ion: 43 Resp: 63903
Ion Ratio Lower Upper
43 100
58 34.9 36.6 54.8#



#52
Toluene
Concen: 489.318 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

Tgt Ion: 92 Resp: 5264397
Ion Ratio Lower Upper
92 100
91 170.2 137.4 206.0

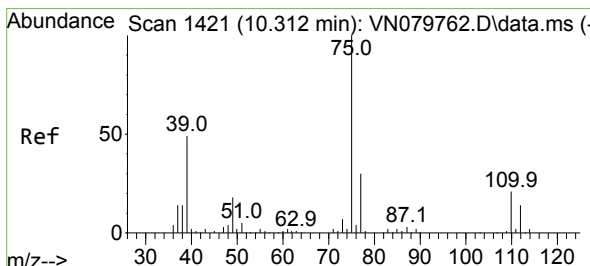
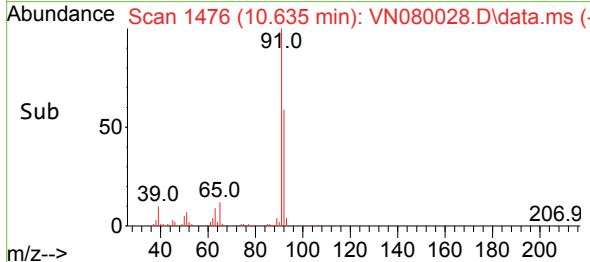
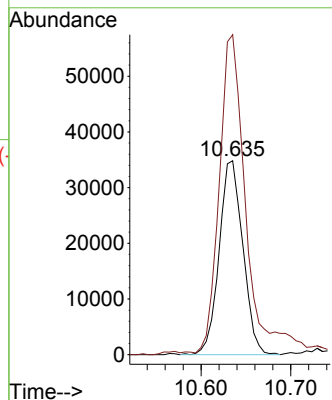
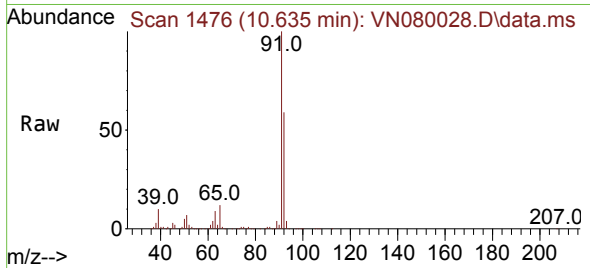




#53
 t-1,3-Dichloropropene
 Concen: 9.661 ug/l
 RT: 10.635 min Scan# 14
 Delta R.T. -0.206 min
 Lab File: VN080028.D
 Acq: 09 Nov 2023 17:46

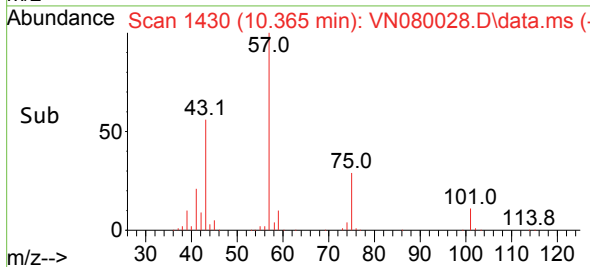
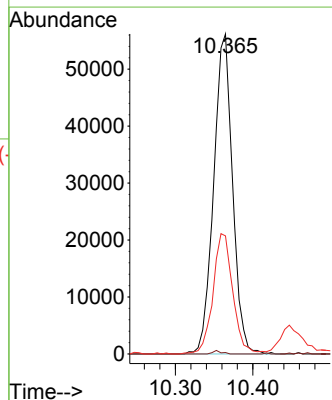
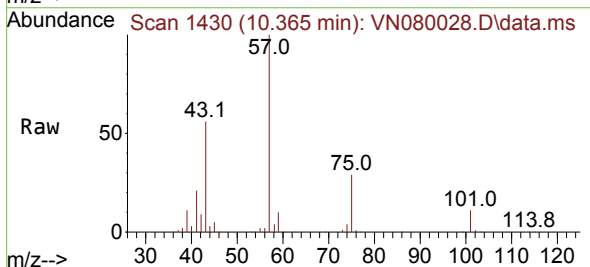
Instrument :
 MSVOA_N
 ClientSampleId :

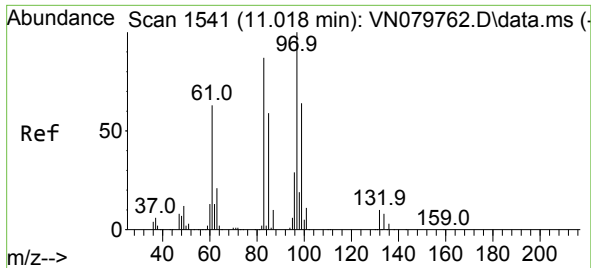
Tgt Ion: 75 Resp: 63965
 Ion Ratio Lower Upper
 75 100
 77 163.9 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 13.191 ug/l
 RT: 10.365 min Scan# 1430
 Delta R.T. 0.047 min
 Lab File: VN080028.D
 Acq: 09 Nov 2023 17:46

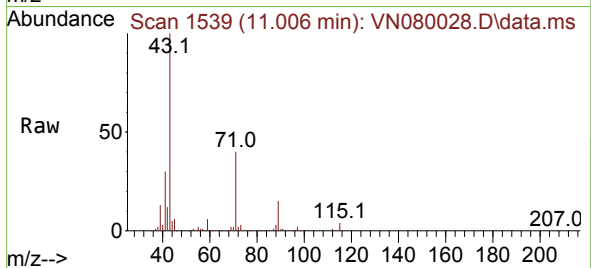
Tgt Ion: 75 Resp: 95193
 Ion Ratio Lower Upper
 75 100
 77 0.5 26.1 39.1#
 39 36.9 31.6 47.4



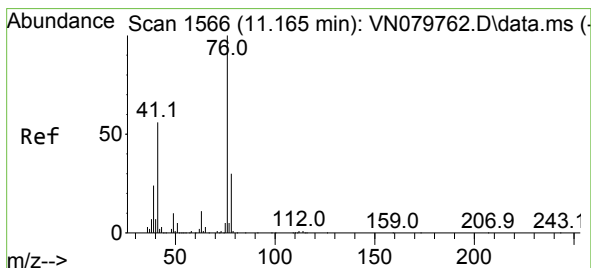
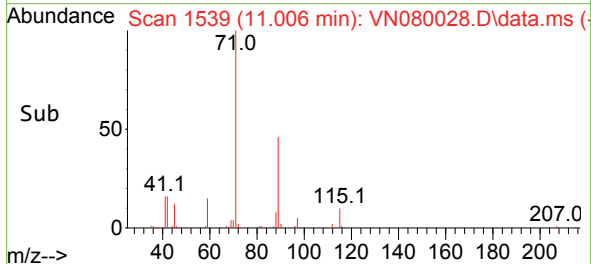
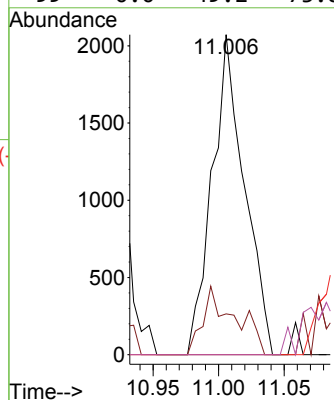


#55
1,1,2-Trichloroethane
Concen: 0.820 ug/l
RT: 11.006 min Scan# 1539
Delta R.T. -0.012 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

Instrument :
MSVOA_N
ClientSampleId :

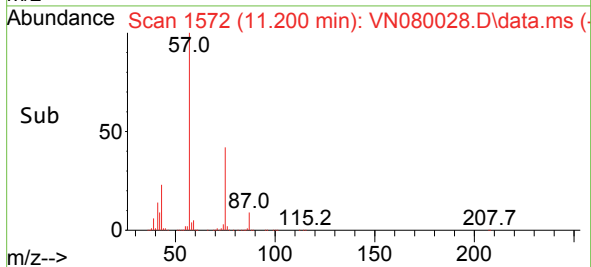
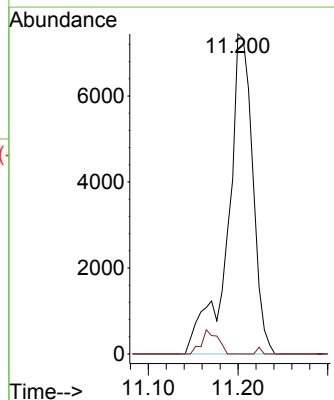
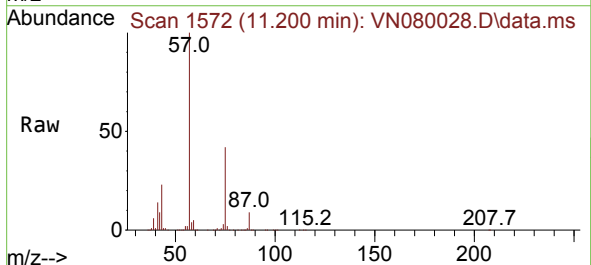


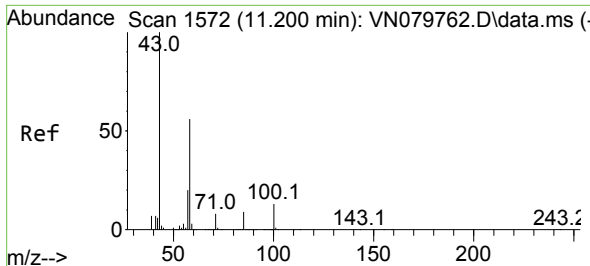
Tgt Ion: 97 Resp: 3548
Ion Ratio Lower Upper
97 100
83 12.7 65.1 97.7#
85 0.0 43.4 65.2#
99 0.0 49.2 73.8#



#57
1,3-Dichloropropane
Concen: 1.877 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

Tgt Ion: 76 Resp: 14319
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

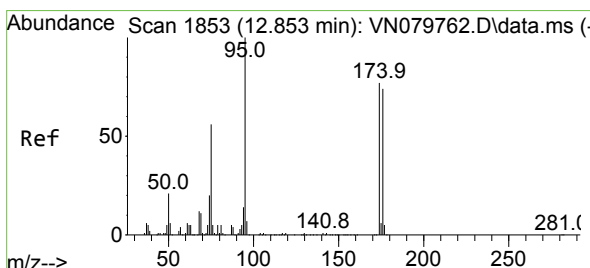
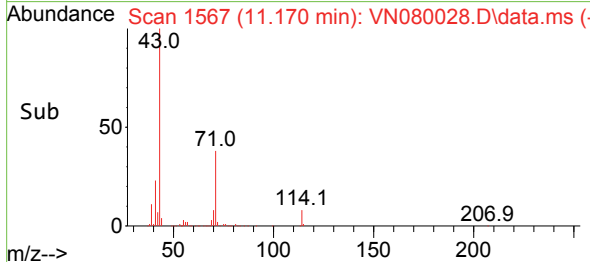
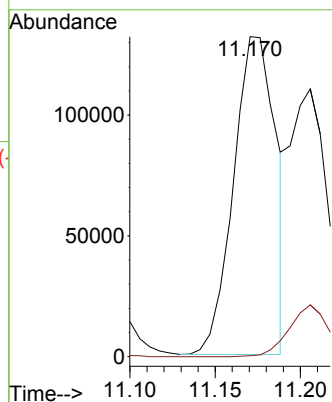
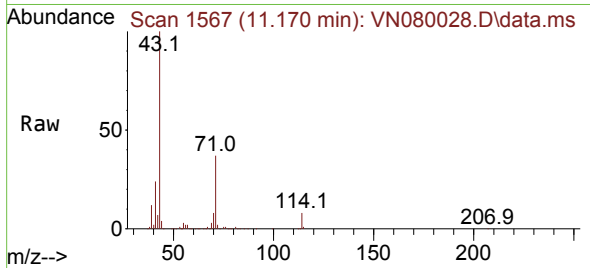




#59
2-Hexanone
Concen: 54.183 ug/l
RT: 11.170 min Scan# 11170
Delta R.T. -0.029 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

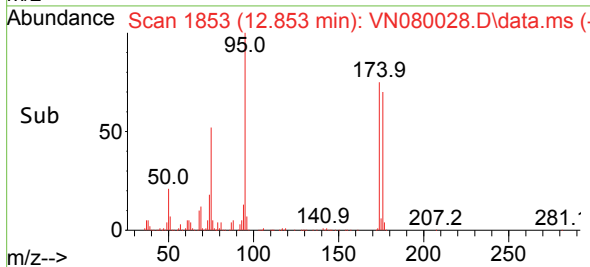
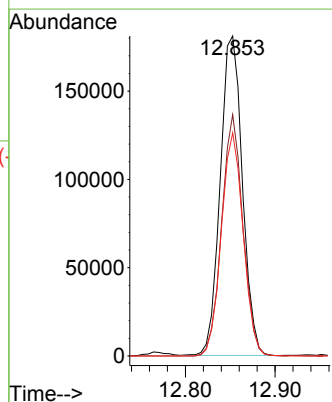
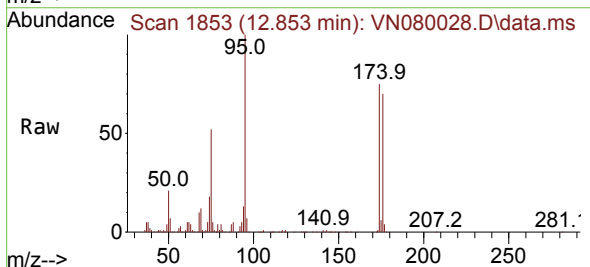
Instrument :
MSVOA_N
ClientSampleId :

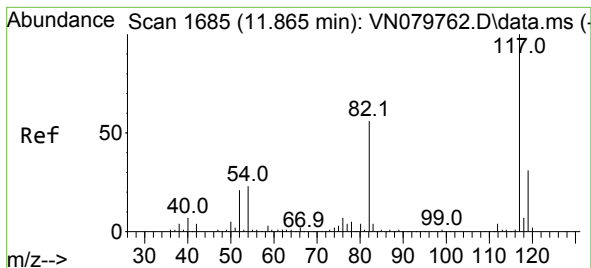
Tgt Ion: 43 Resp: 227409
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 59.817 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

Tgt Ion: 95 Resp: 309909
Ion Ratio Lower Upper
95 100
174 72.4 0.0 143.8
176 68.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080028.D

Acq: 09 Nov 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :

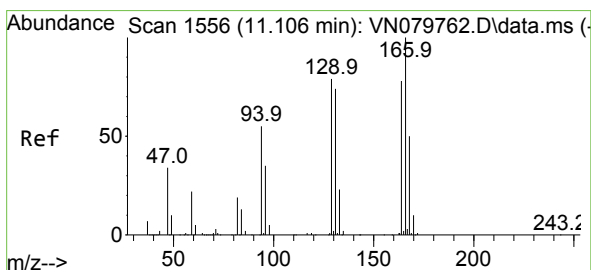
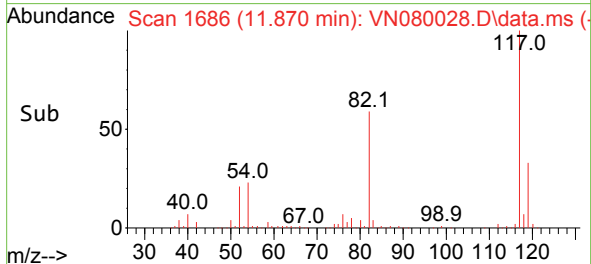
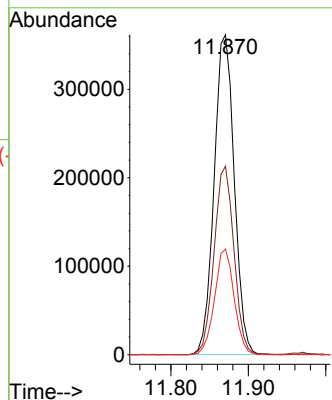
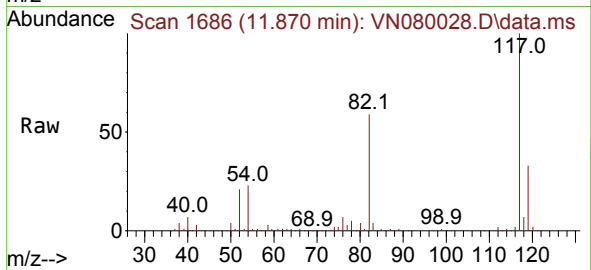
Tgt Ion:117 Resp: 653689

Ion Ratio Lower Upper

117 100

82 58.8 44.0 66.0

119 33.0 25.6 38.4



#64

Tetrachloroethene

Concen: 0.246 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN080028.D

Acq: 09 Nov 2023 17:46

Tgt Ion:164 Resp: 1043

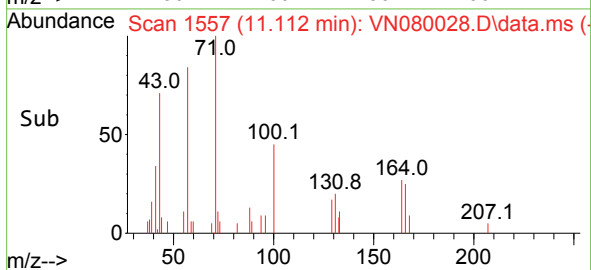
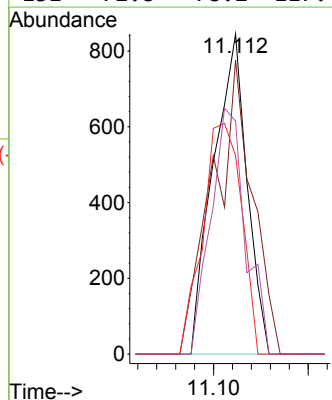
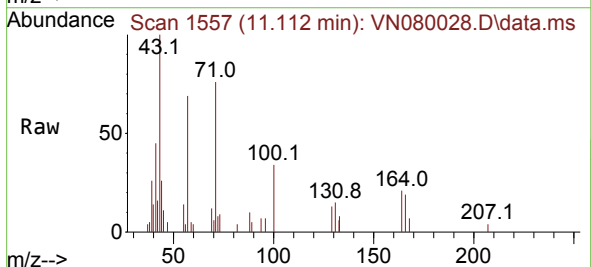
Ion Ratio Lower Upper

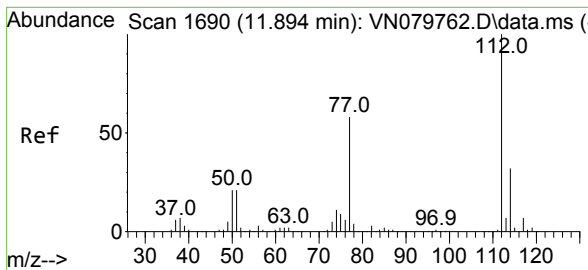
164 100

166 91.8 101.4 152.0#

129 62.0 82.4 123.6#

131 72.8 78.2 117.4#

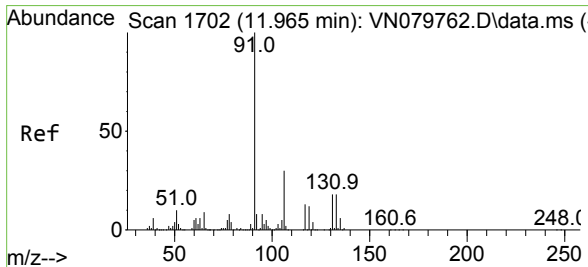
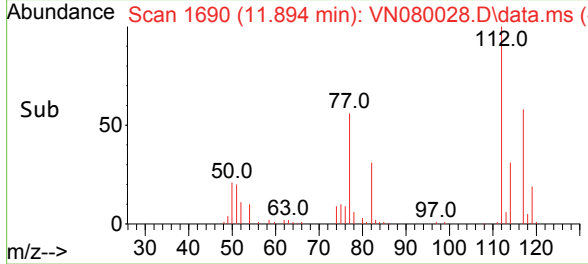
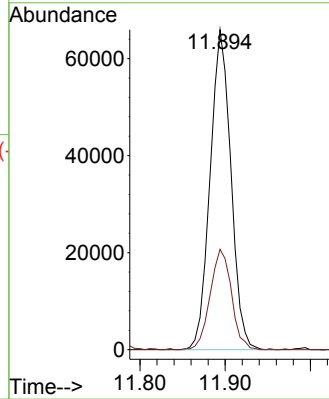
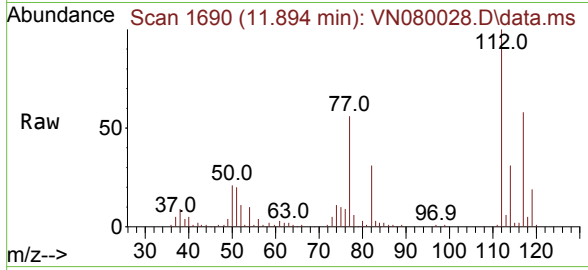




#65
Chlorobenzene
Concen: 7.876 ug/l
RT: 11.894 min Scan# 111683
Delta R.T. -0.000 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

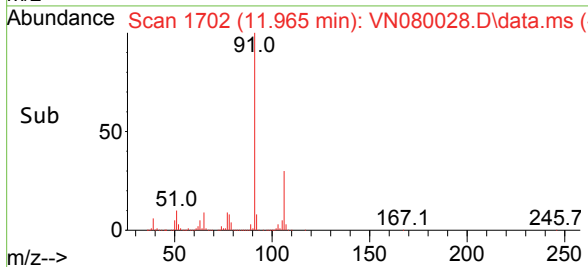
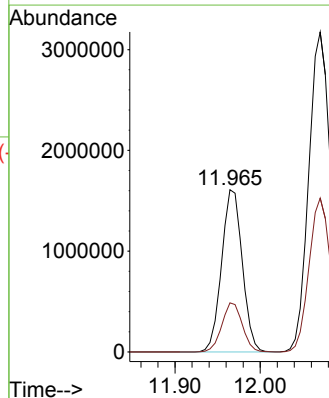
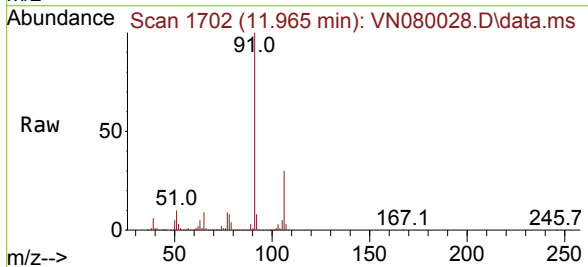
Instrument :
MSVOA_N
ClientSampleId :

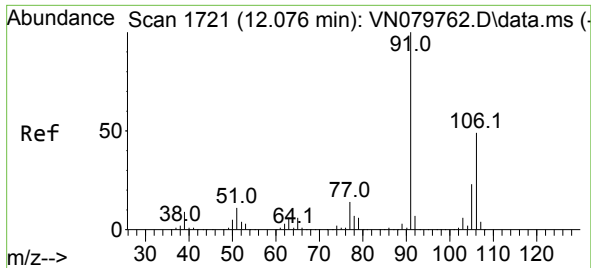
Tgt Ion:112 Resp: 111683
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4



#67
Ethyl Benzene
Concen: 110.136 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

Tgt Ion: 91 Resp: 2720886
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

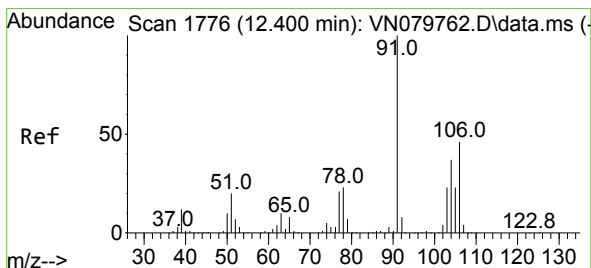
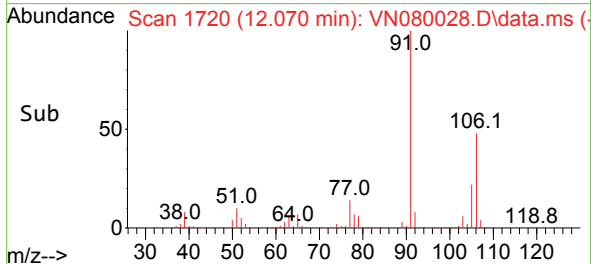
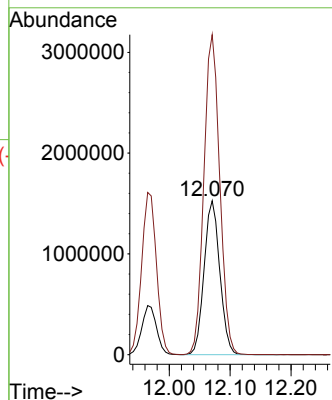
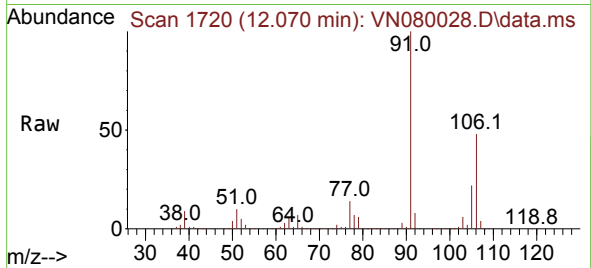




#68
m/p-Xylenes
Concen: 296.827 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

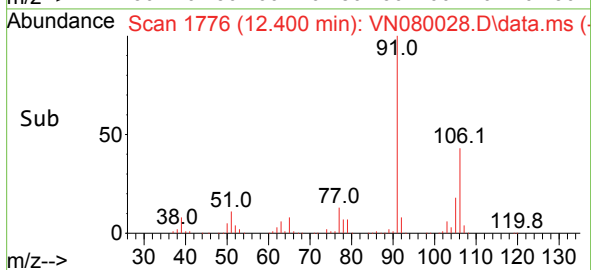
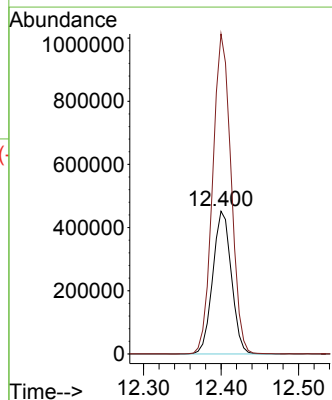
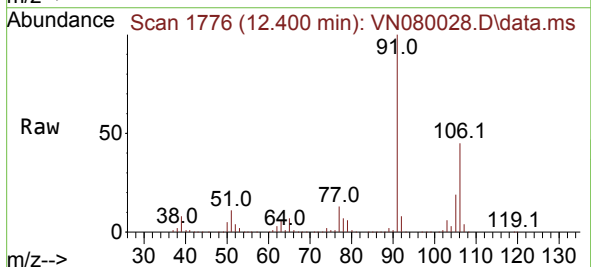
Instrument :
MSVOA_N
ClientSampleId :

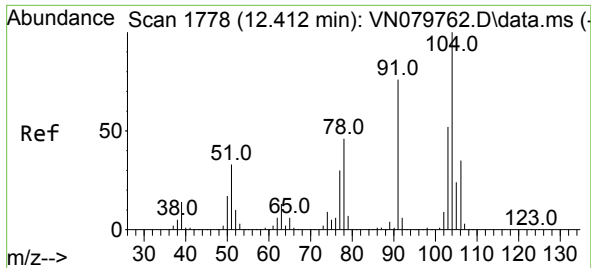
Tgt Ion:106 Resp: 2731678
Ion Ratio Lower Upper
106 100
91 210.2 159.6 239.4



#69
o-Xylene
Concen: 85.022 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

Tgt Ion:106 Resp: 753463
Ion Ratio Lower Upper
106 100
91 222.1 105.2 315.5

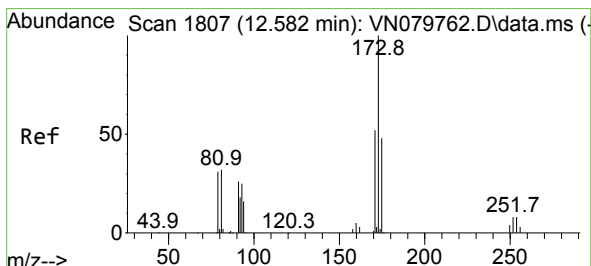
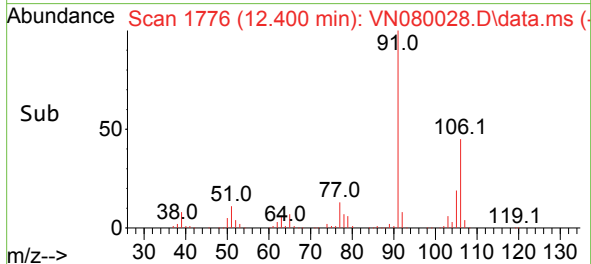
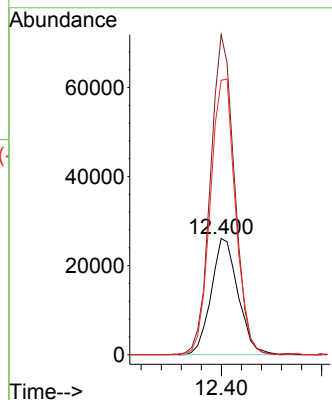
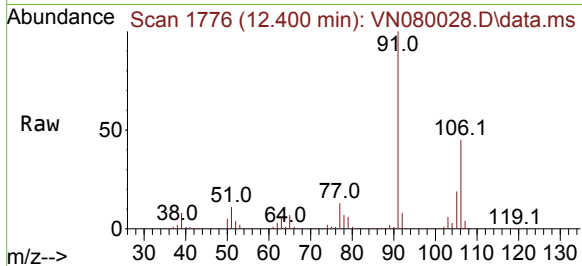




#70
Styrene
Concen: 3.408 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

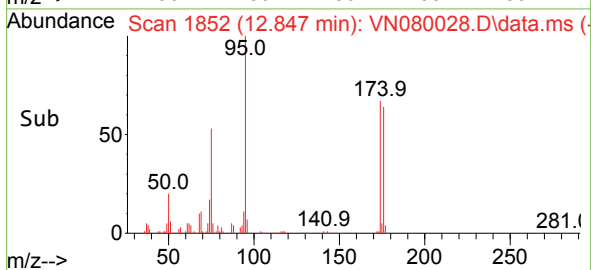
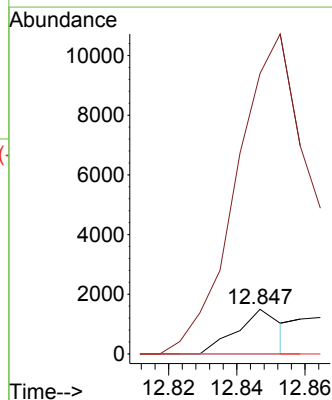
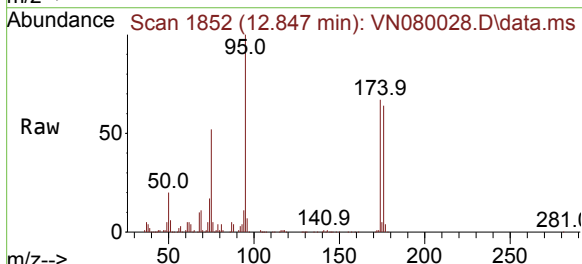
Instrument :
MSVOA_N
ClientSampleId :

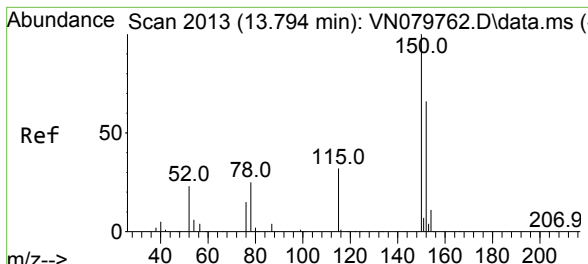
Tgt Ion:104 Resp: 48535
Ion Ratio Lower Upper
104 100
78 246.6 39.5 59.3#
103 222.9 43.2 64.8#



#71
Bromoform
Concen: 0.371 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

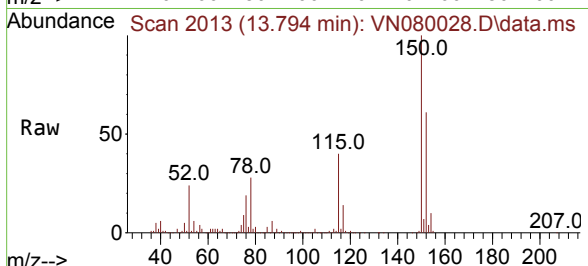
Tgt Ion:173 Resp: 1347
Ion Ratio Lower Upper
173 100
175 1006.6 24.3 73.0#
254 0.0 0.0 0.0



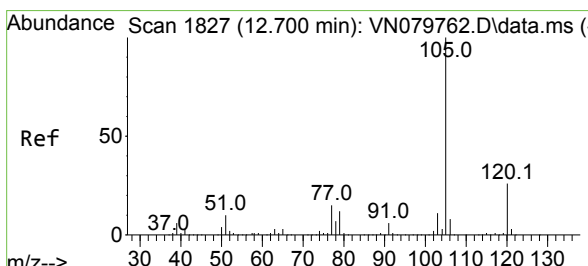
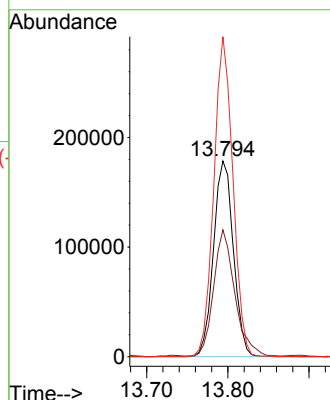
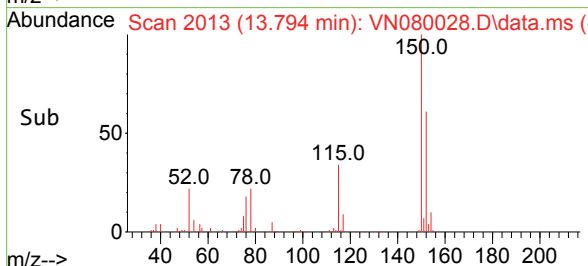


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN080028.D
 Acq: 09 Nov 2023 17:46

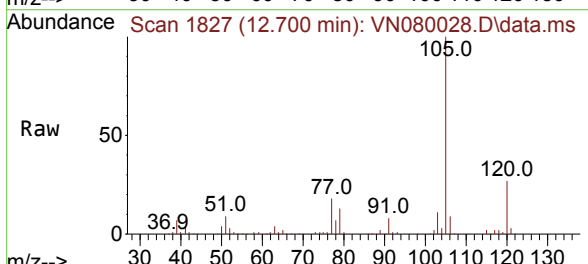
Instrument :
 MSVOA_N
 ClientSampleId :



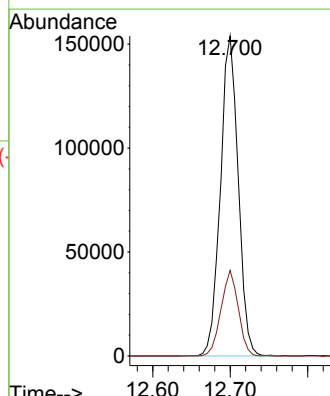
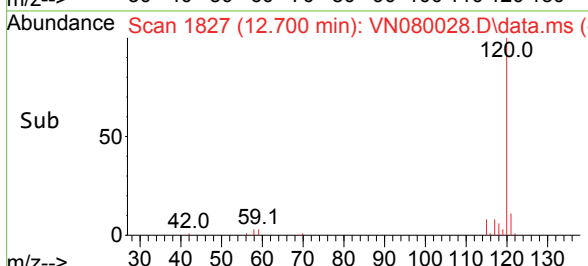
Tgt Ion:152 Resp: 303567
 Ion Ratio Lower Upper
 152 100
 115 68.2 32.3 96.8
 150 157.0 0.0 355.8

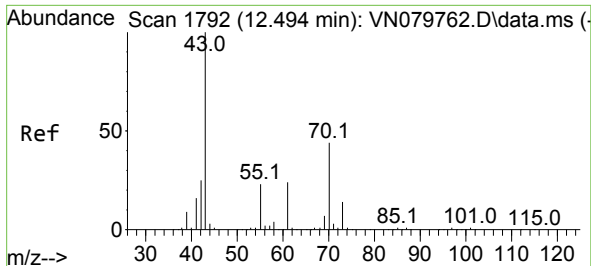


#73
 Isopropylbenzene
 Concen: 10.649 ug/l
 RT: 12.700 min Scan# 1827
 Delta R.T. -0.000 min
 Lab File: VN080028.D
 Acq: 09 Nov 2023 17:46



Tgt Ion:105 Resp: 245351
 Ion Ratio Lower Upper
 105 100
 120 25.9 13.1 39.1

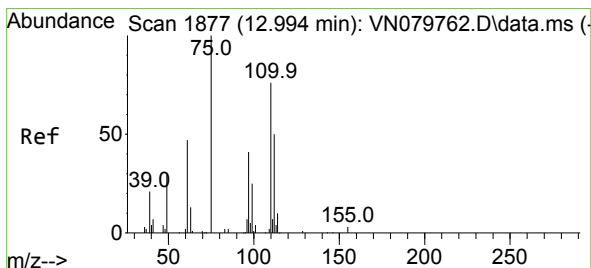
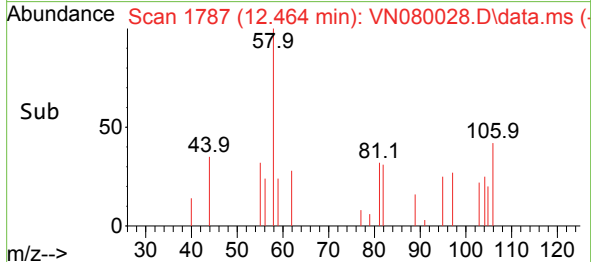
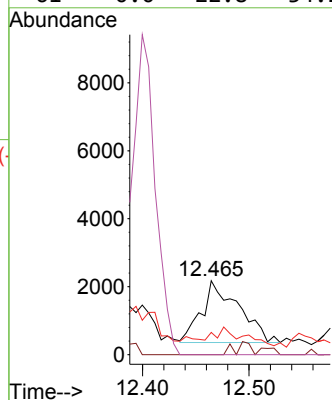
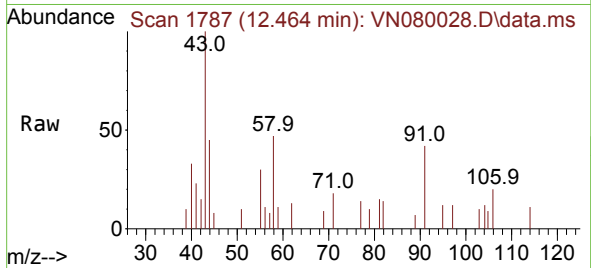




#74
N-amy1 acetate
Concen: 0.438 ug/l
RT: 12.464 min Scan# 1792
Delta R.T. -0.029 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

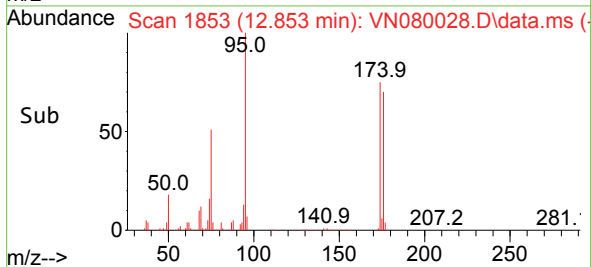
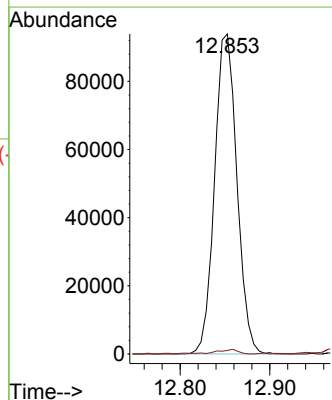
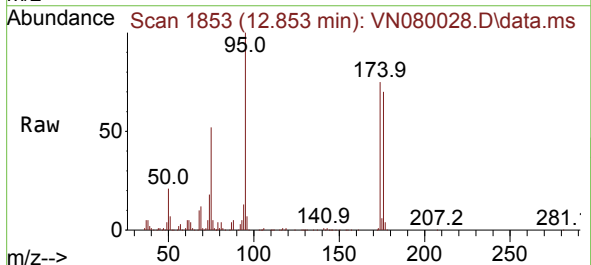
Instrument :
MSVOA_N
ClientSampleId :

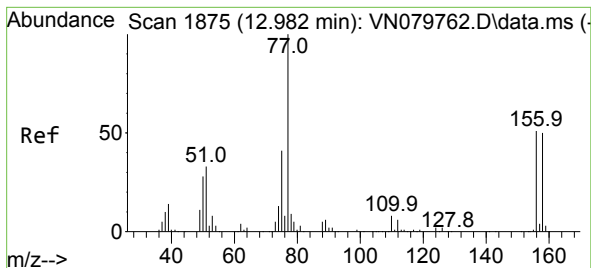
Tgt Ion: 43 Resp: 4406
Ion Ratio Lower Upper
43 100
70 0.0 43.4 65.2#
55 7.8 21.4 32.0#
61 0.0 22.8 34.2#



#76
1,2,3-Trichloropropane
Concen: 22.744 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

Tgt Ion: 75 Resp: 162093
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#





#77

Bromobenzene

Concen: 0.371 ug/l

RT: 12.988 min Scan# 1875

Delta R.T. 0.006 min

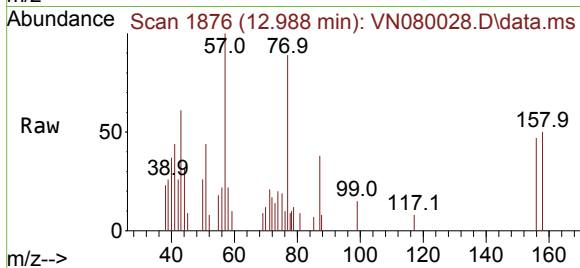
Lab File: VN080028.D

Acq: 09 Nov 2023 17:46

Instrument :

MSVOA_N

ClientSampleId :



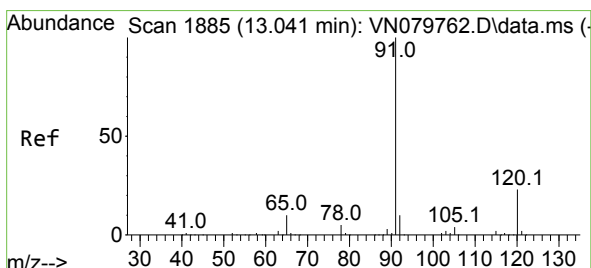
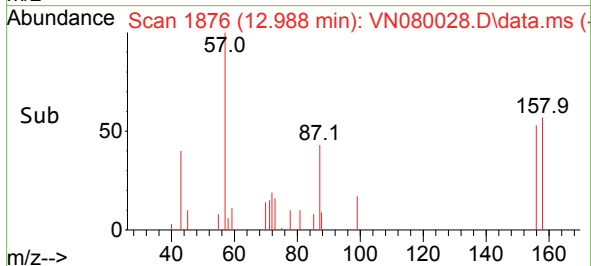
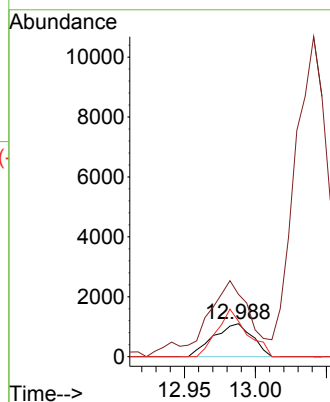
Tgt Ion:156 Resp: 2094

Ion Ratio Lower Upper

156 100

77 178.9 107.7 323.3

158 111.2 48.4 145.3



#78

n-propylbenzene

Concen: 15.773 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN080028.D

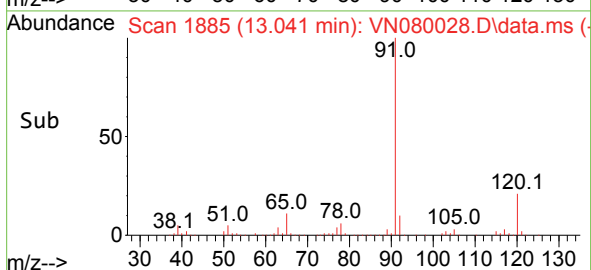
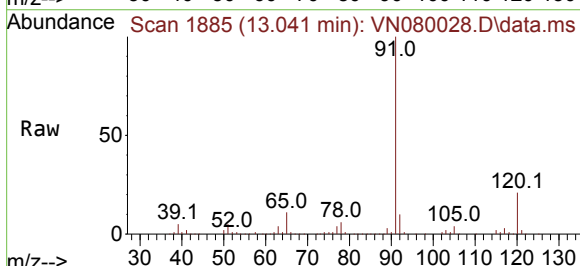
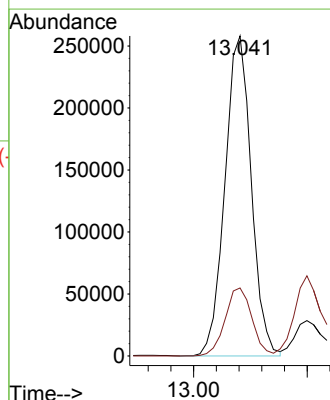
Acq: 09 Nov 2023 17:46

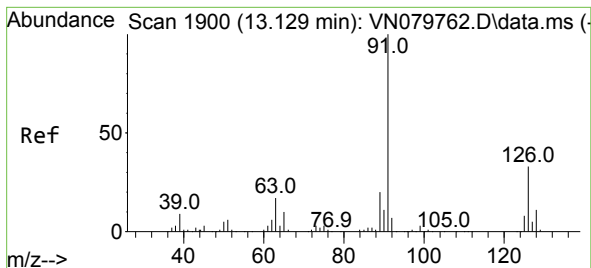
Tgt Ion: 91 Resp: 416130

Ion Ratio Lower Upper

91 100

120 21.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.393 ug/l

RT: 13.100 min Scan# 11

Delta R.T. -0.029 min

Lab File: VN080028.D

Acq: 09 Nov 2023 17:46

Instrument :

MSVOA_N

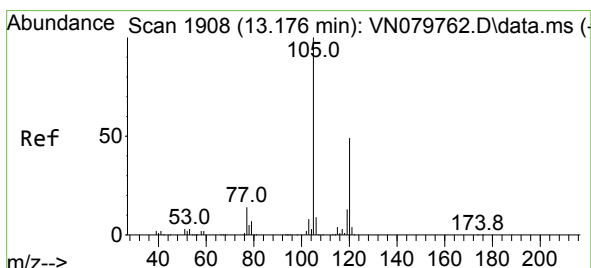
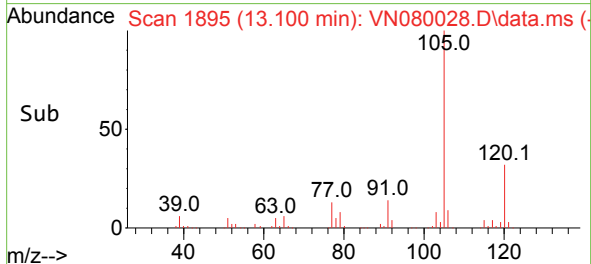
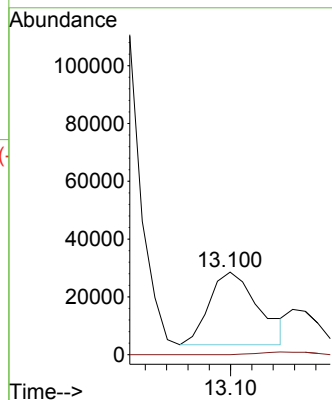
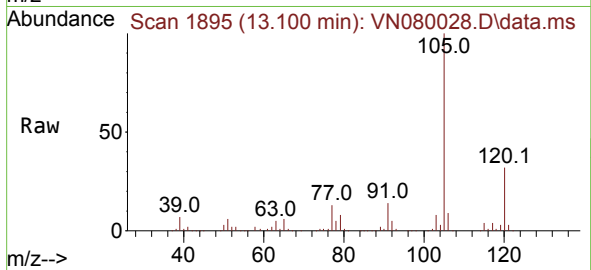
ClientSampleId :

Tgt Ion: 91 Resp: 40329

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 9.413 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080028.D

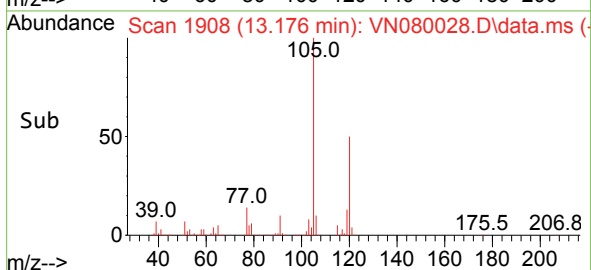
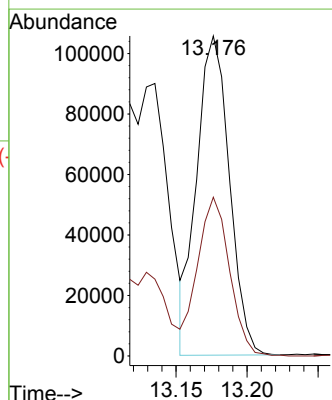
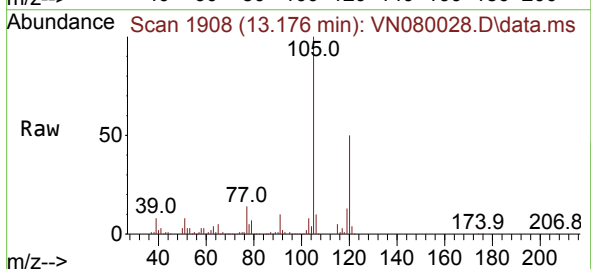
Acq: 09 Nov 2023 17:46

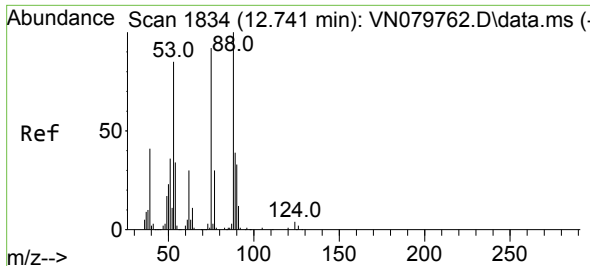
Tgt Ion:105 Resp: 168736

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.3

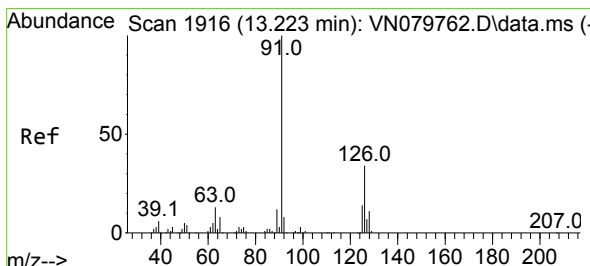
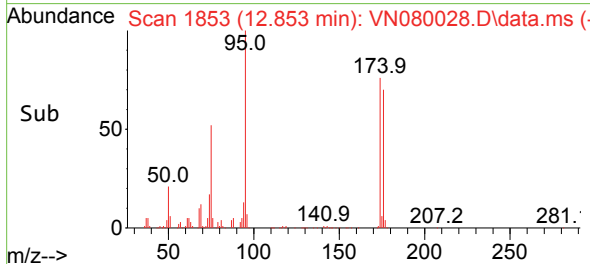
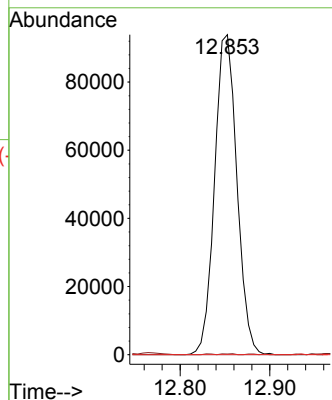
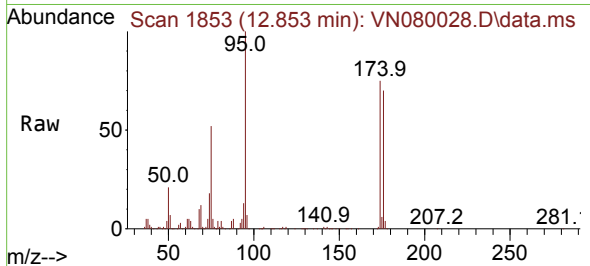




#81
trans-1,4-Dichloro-2-butene
Concen: 61.881 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

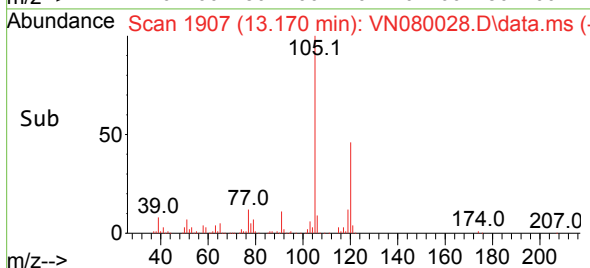
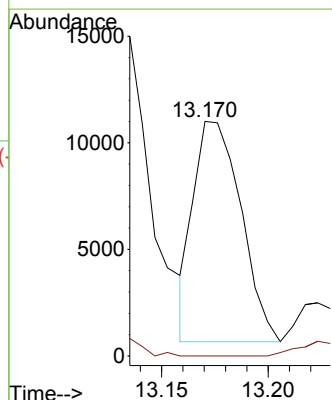
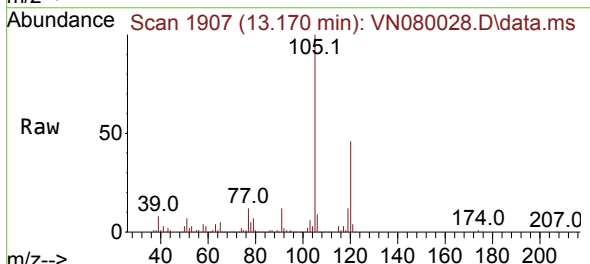
Instrument :
MSVOA_N
ClientSampleId :

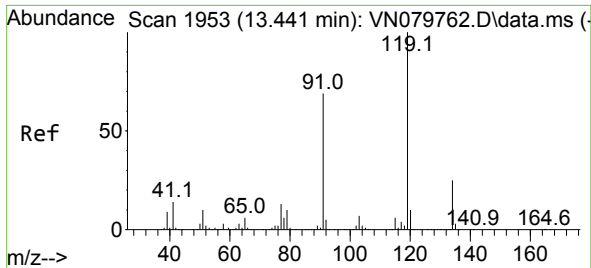
Tgt Ion: 75 Resp: 162093
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.954 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.053 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

Tgt Ion: 91 Resp: 15971
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#

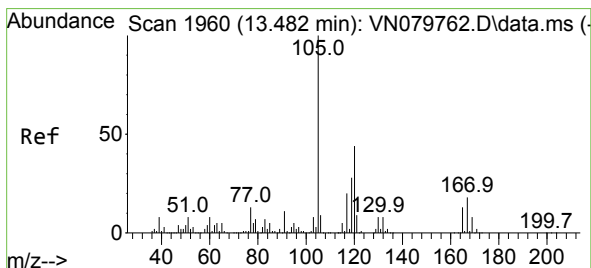
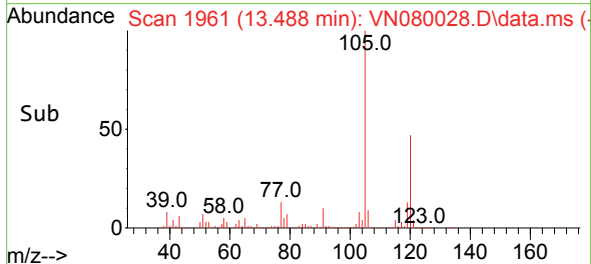
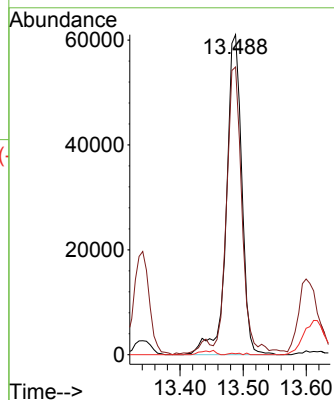
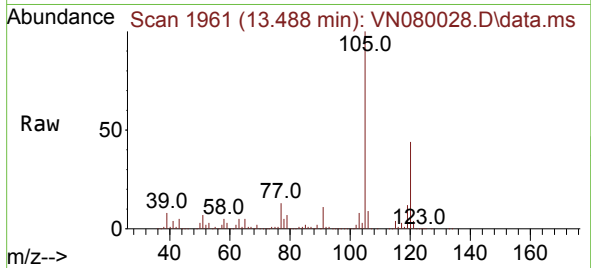




#83
 tert-Butylbenzene
 Concen: 7.063 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.047 min
 Lab File: VN080028.D
 Acq: 09 Nov 2023 17:46

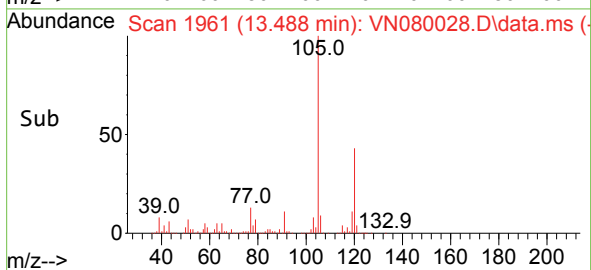
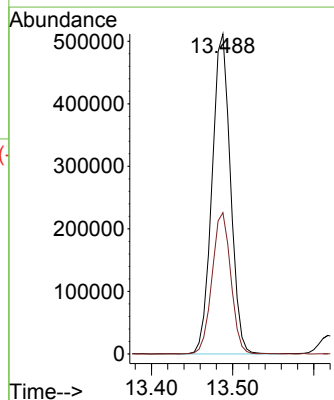
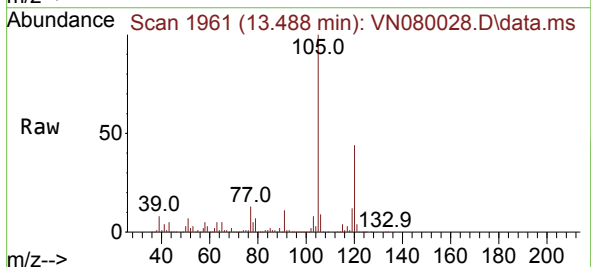
Instrument :
 MSVOA_N
 ClientSampleId :

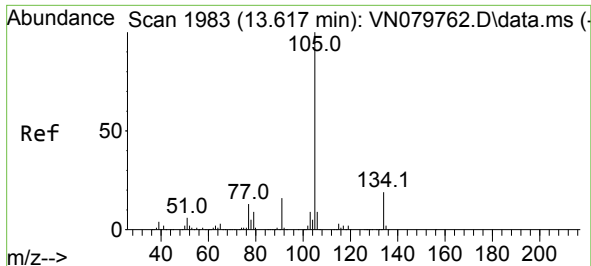
Tgt Ion:119 Resp: 103634
 Ion Ratio Lower Upper
 119 100
 91 85.7 33.9 101.7
 134 0.0 13.2 39.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 45.769 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN080028.D
 Acq: 09 Nov 2023 17:46

Tgt Ion:105 Resp: 807161
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.0 66.0

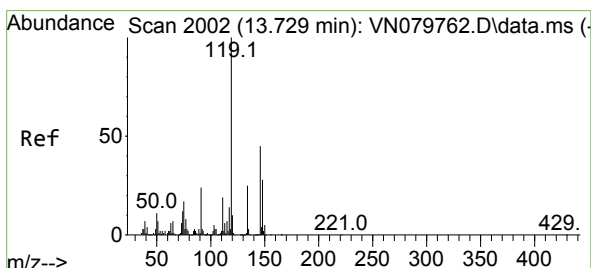
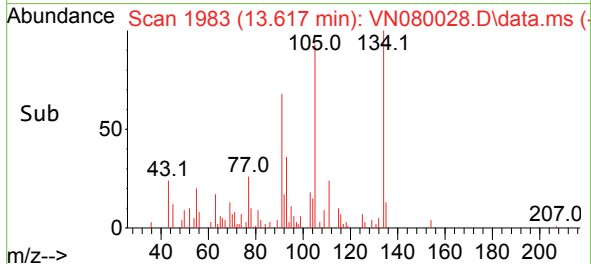
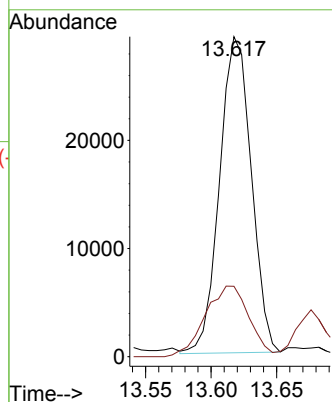
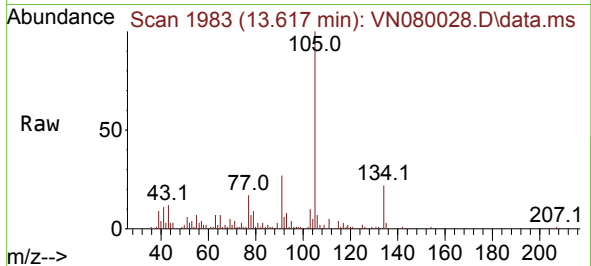




#85
 sec-Butylbenzene
 Concen: 2.419 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080028.D
 Acq: 09 Nov 2023 17:46

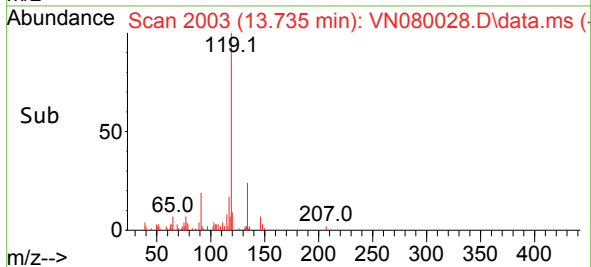
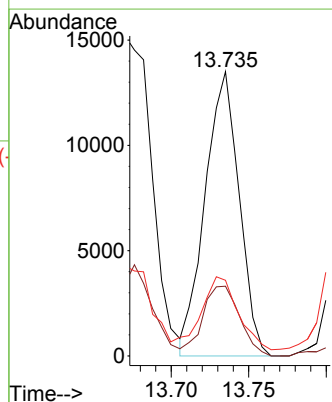
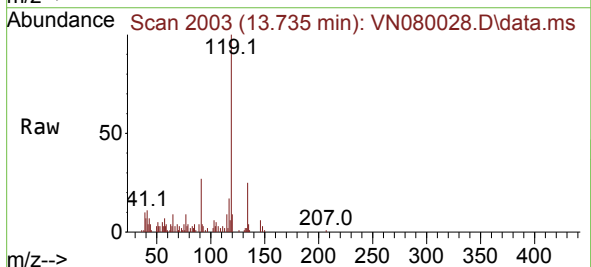
Instrument :
 MSVOA_N
 ClientSampleId :

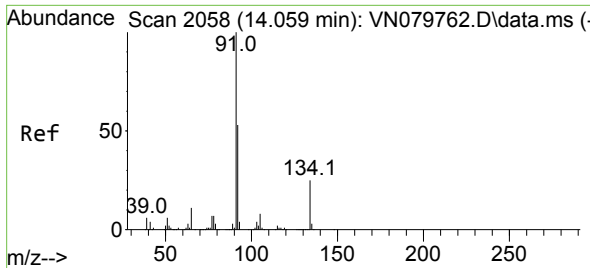
Tgt Ion:105 Resp: 49164
 Ion Ratio Lower Upper
 105 100
 134 30.8 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 1.244 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080028.D
 Acq: 09 Nov 2023 17:46

Tgt Ion:119 Resp: 20623
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.6 37.8
 91 26.3 12.4 37.2

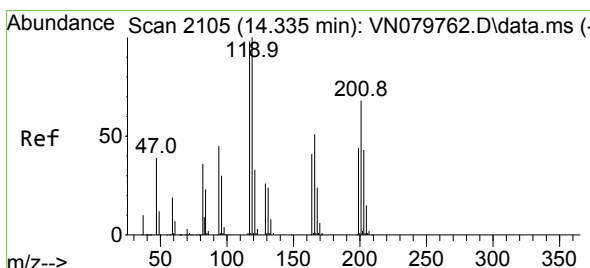
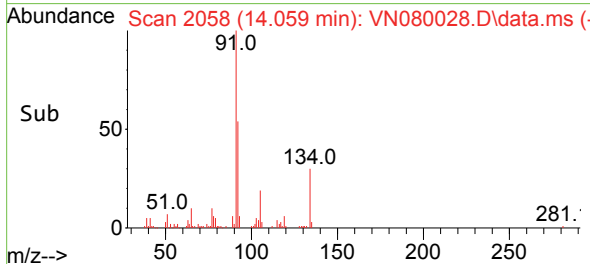
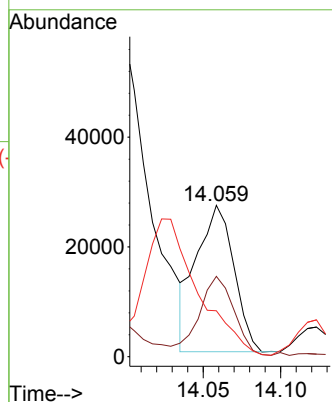
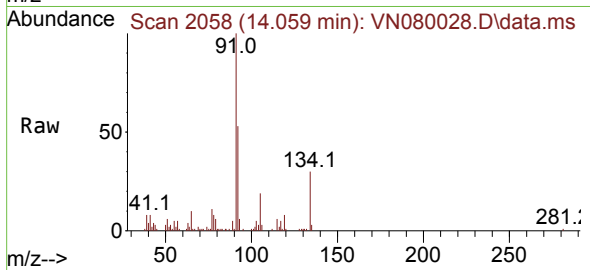




#89
n-Butylbenzene
Concen: 3.137 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

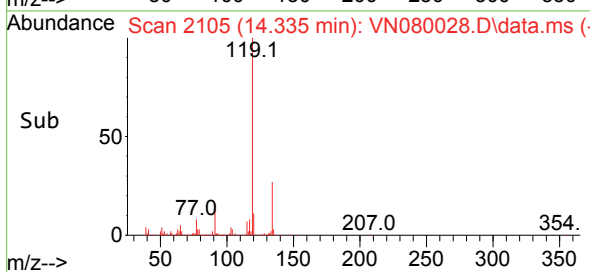
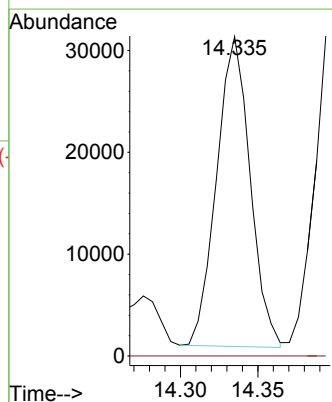
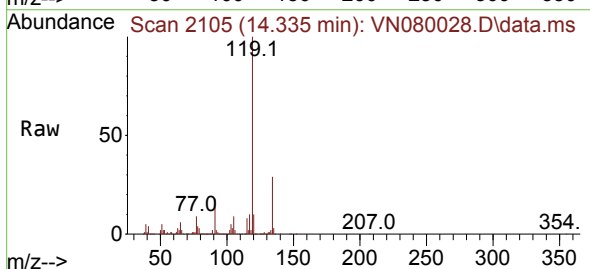
Instrument :
MSVOA_N
ClientSampleId :

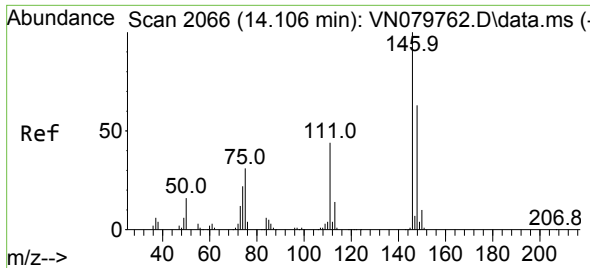
Tgt Ion: 91 Resp: 44783
Ion Ratio Lower Upper
91 100
92 50.5 26.4 79.0
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 13.919 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

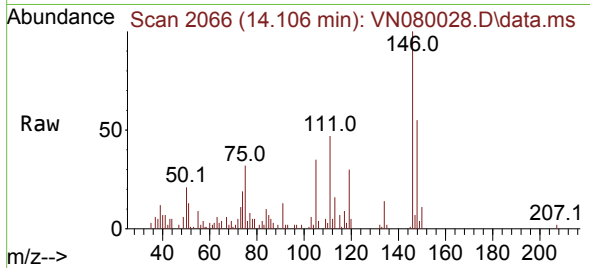
Tgt Ion: 117 Resp: 45686
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#



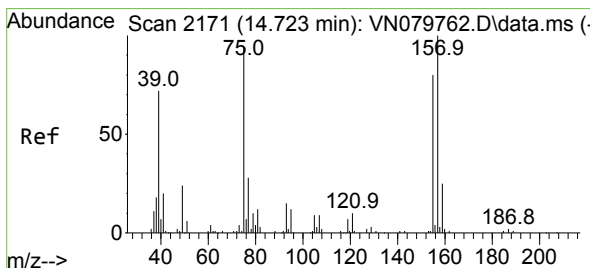
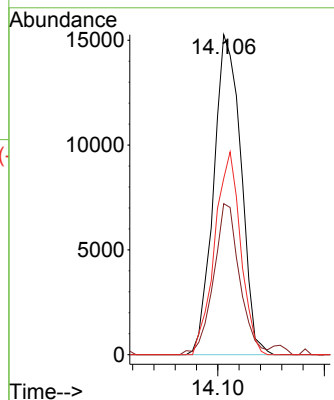
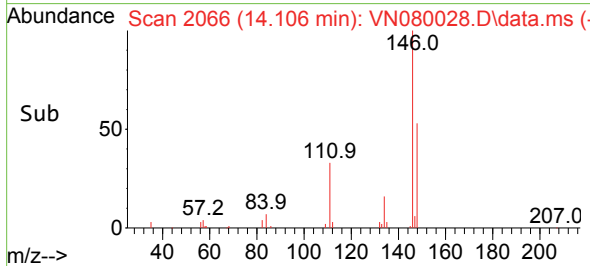


#91
1,2-Dichlorobenzene
Concen: 2.749 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

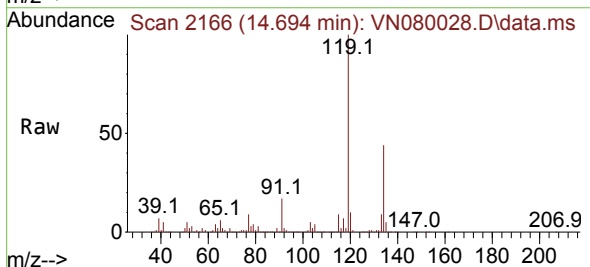
Instrument :
MSVOA_N
ClientSampleId :



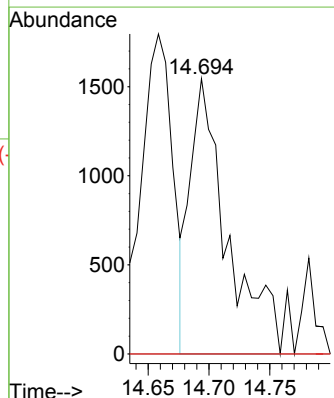
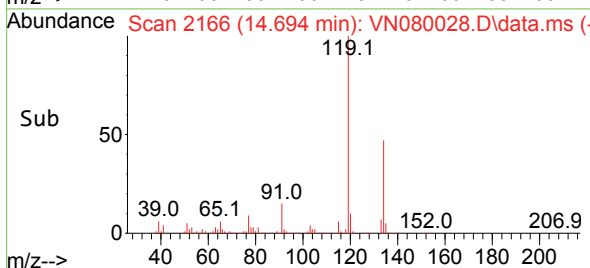
Tgt Ion:146 Resp: 27232
Ion Ratio Lower Upper
146 100
111 45.0 22.0 66.0
148 60.1 31.8 95.3

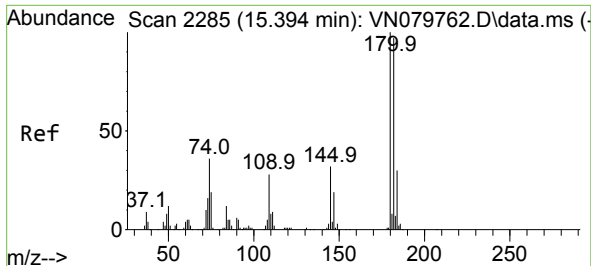


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.361 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.029 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46



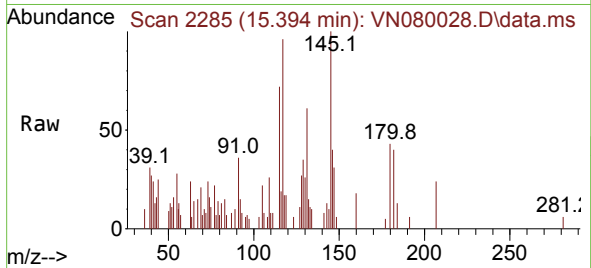
Tgt Ion: 75 Resp: 3271
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 0.0 50.3 150.9#



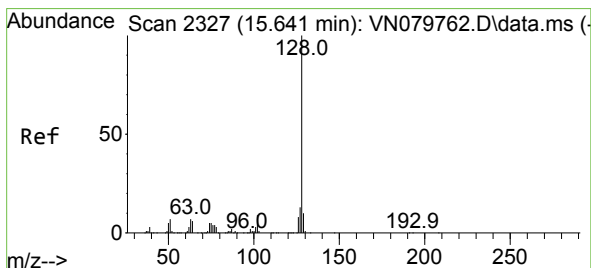
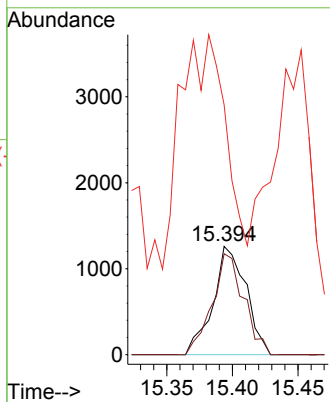
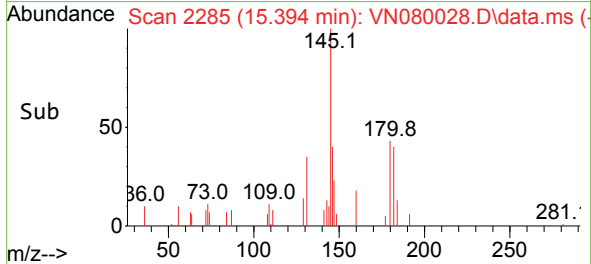


#93
1,2,4-Trichlorobenzene
Concen: 0.468 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

Instrument :
MSVOA_N
ClientSampleId :

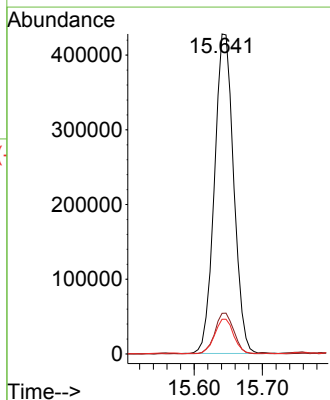
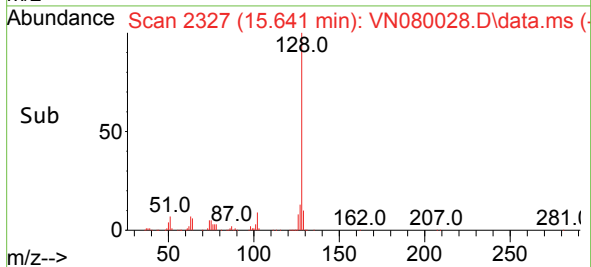
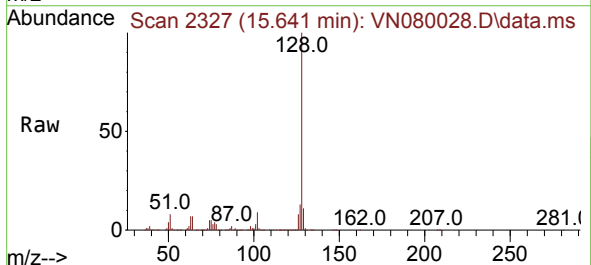


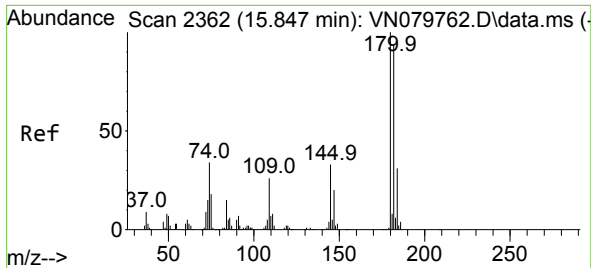
Tgt Ion:180 Resp: 2202
Ion Ratio Lower Upper
180 100
182 89.3 46.1 138.2
145 0.0 16.6 49.8#



#95
Naphthalene
Concen: 52.591 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080028.D
Acq: 09 Nov 2023 17:46

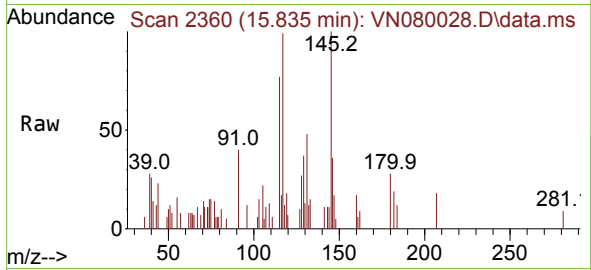
Tgt Ion:128 Resp: 840008
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.201 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN080028.D
 Acq: 09 Nov 2023 17:46

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 930
 Ion Ratio Lower Upper
 180 100
 182 150.2 46.2 138.6#
 145 0.0 17.5 52.6#

