

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080381.D
 Acq On : 06 Dec 2023 13:13
 Operator : JC\MD
 Sample : 05612-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 07 00:58:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	162991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	176500	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139358	51.782	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.560%	
35) Dibromofluoromethane	8.165	113	115306	51.325	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.660%	
50) Toluene-d8	10.571	98	404134	49.903	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.800%	
62) 4-Bromofluorobenzene	12.847	95	180621	59.047	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 118.100%	

Target Compounds			Qvalue			
3) Chloromethane	2.353	50	709	0.388	ug/l #	42
5) Bromomethane	2.977	94	345	0.263	ug/l	84
6) Chloroethane	3.206	64	4980	2.970	ug/l #	43
13) Acrolein	4.194	56	59	0.225	ug/l #	16
14) Allyl chloride	5.130	41	604	0.279	ug/l #	19
15) Acrylonitrile	5.736	53	167	0.210	ug/l #	46
16) Acetone	4.430	43	1482	1.640	ug/l #	80
17) Carbon Disulfide	4.712	76	1398	0.272	ug/l #	75
18) Methyl Acetate	5.036	43	1061	0.365	ug/l #	52
25) 2-Butanone	7.506	43	635	0.591	ug/l #	37
31) Cyclohexane	8.259	56	30969	10.581	ug/l	91
36) 1,1-Dichloropropene	8.230	75	13463	4.139	ug/l #	50
38) Carbon Tetrachloride	8.230	117	17778	4.307	ug/l #	17
39) Methylcyclohexane	9.600	83	16509	5.264	ug/l #	84
40) Benzene	8.606	78	1028602	111.269	ug/l	100
42) 1,2-Dichloroethane	8.600	62	10754	2.843	ug/l	75
47) Bromodichloromethane	9.600	83	10745	3.004	ug/l #	26
48) Methyl methacrylate	9.606	41	7095	3.136	ug/l #	62
51) 4-Methyl-2-Pentanone	10.447	43	824	0.363	ug/l #	81
52) Toluene	10.629	92	42031	7.265	ug/l	98
55) 1,1,2-Trichloroethane	11.006	97	1912	0.866	ug/l #	16
59) 2-Hexanone	11.194	43	1296	0.710	ug/l	82
67) Ethyl Benzene	11.965	91	7100034	537.577	ug/l	96
68) m/p-Xylenes	12.076	106	157089	32.621	ug/l	90
69) o-Xylene	12.400	106	528661	116.490	ug/l	88
70) Styrene	12.400	104	30330	4.490	ug/l #	1
73) Isopropylbenzene	12.700	105	439063	32.013	ug/l	98
74) N-amyl acetate	12.494	43	1080	0.253	ug/l #	63
76) 1,2,3-Trichloropropane	13.129	75	4856	1.123	ug/l #	1
78) n-propylbenzene	13.035	91	186477	12.159	ug/l	98
79) 2-Chlorotoluene	13.129	91	66167	6.642	ug/l #	49
80) 1,3,5-Trimethylbenzene	13.176	105	249325	20.883	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.700	75	6408	5.006	ug/l #	67
82) 4-Chlorotoluene	13.176	91	25277	2.477	ug/l #	41
83) tert-Butylbenzene	13.482	119	149431	15.607	ug/l #	49
84) 1,2,4-Trimethylbenzene	13.482	105	1259384	107.125	ug/l	98

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

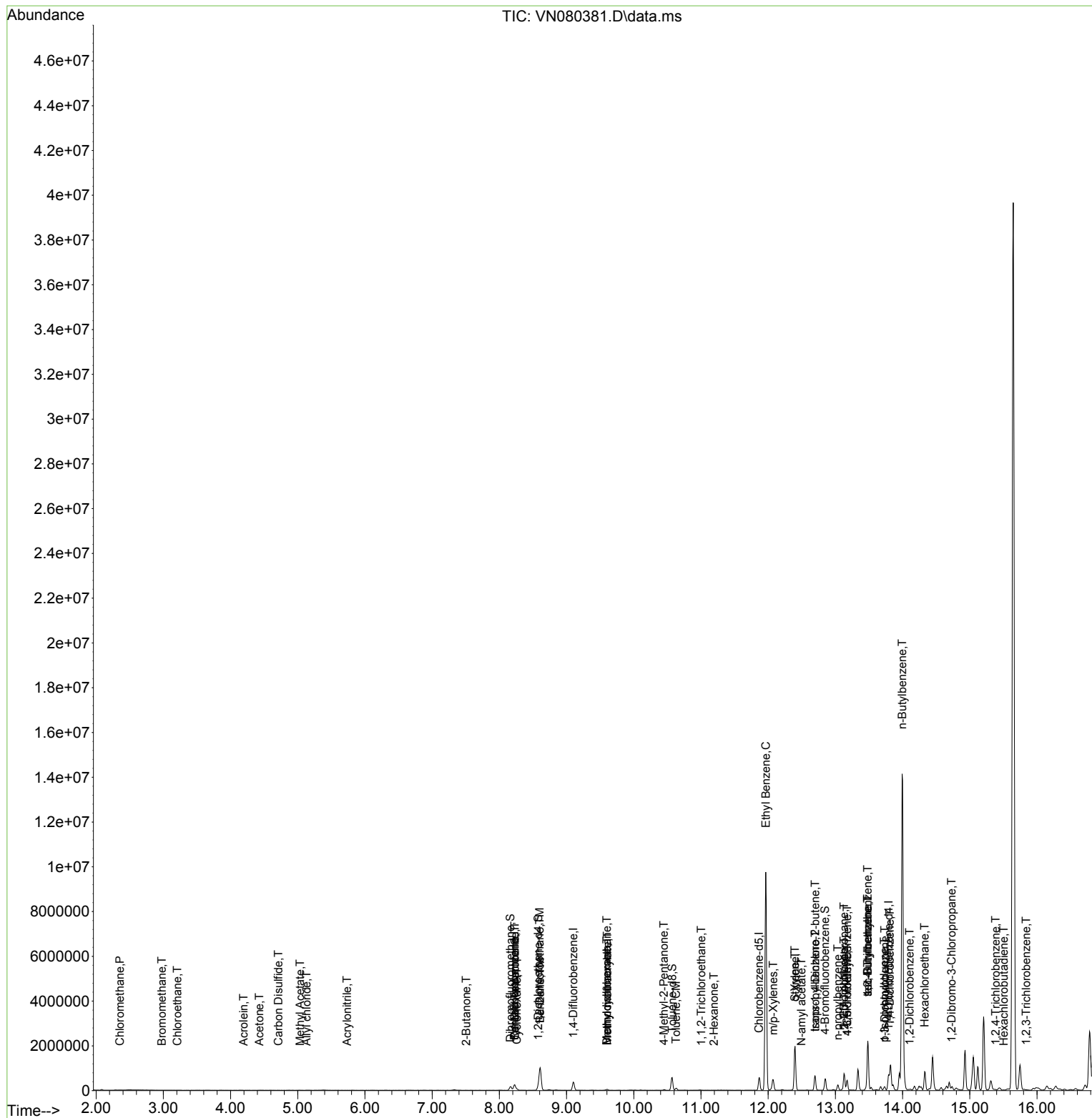
85) sec-Butylbenzene	13.482	105	1259384	103.980	ug/l #	57
86) p-Isopropyltoluene	13.729	119	66650	6.160	ug/l #	75
87) 1,3-Dichlorobenzene	13.735	146	1821	0.292	ug/l #	1
88) 1,4-Dichlorobenzene	13.812	146	2551	0.407	ug/l #	59
89) n-Butylbenzene	13.994	91	1495758	165.169	ug/l #	43
90) Hexachloroethane	14.329	117	59846	28.373	ug/l #	22
91) 1,2-Dichlorobenzene	14.106	146	1764	0.296	ug/l #	25
92) 1,2-Dibromo-3-Chloropr...	14.729	75	1687	1.769	ug/l #	17
93) 1,2,4-Trichlorobenzene	15.388	180	4324	1.247	ug/l #	73
94) Hexachlorobutadiene	15.506	225	1662	0.833	ug/l	83
96) 1,2,3-Trichlorobenzene	15.841	180	4624	1.423	ug/l #	77

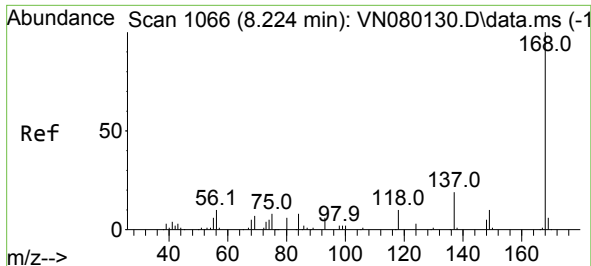
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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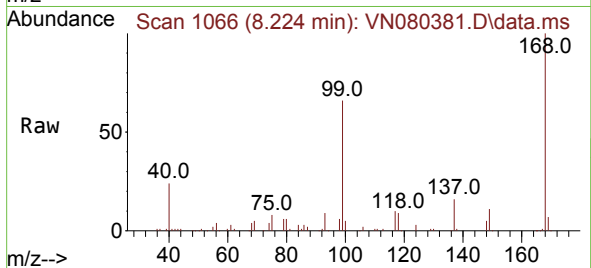
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration



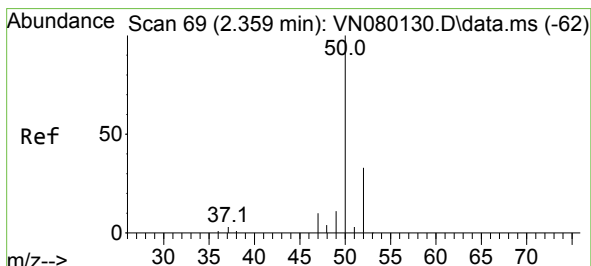
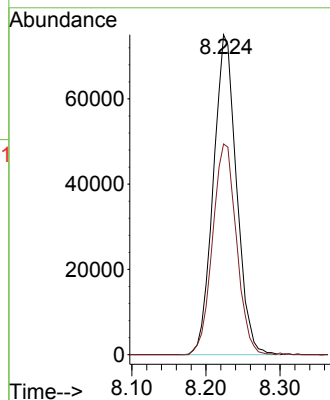
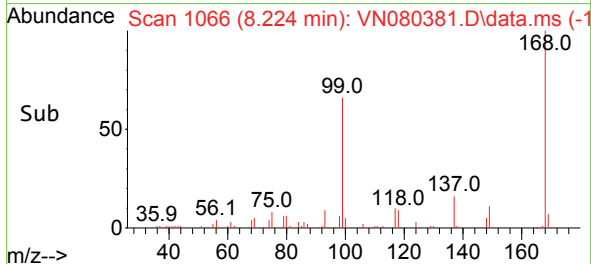


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

Instrument :
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ClientSampleId :

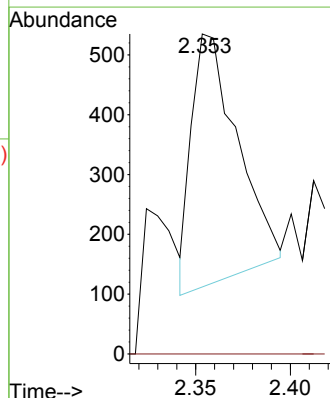
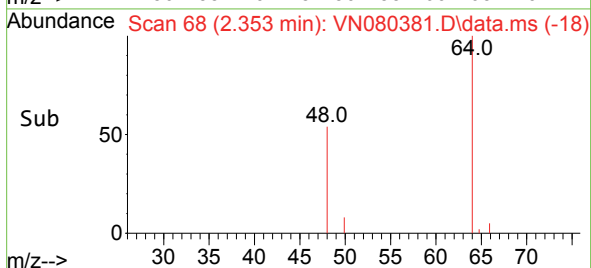
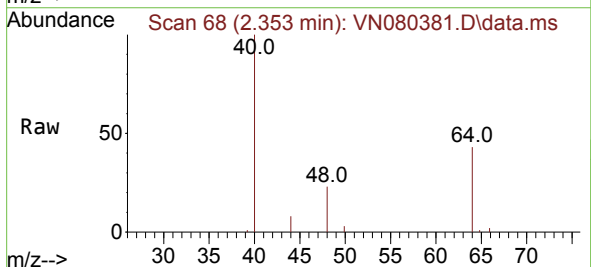


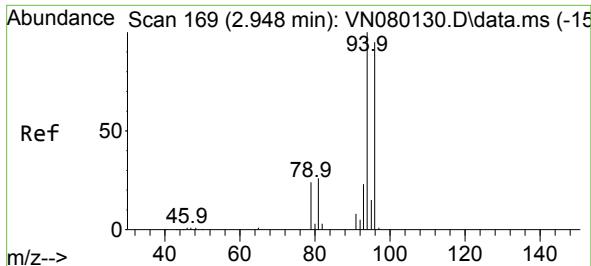
Tgt Ion:168 Resp: 162991
Ion Ratio Lower Upper
168 100
99 65.8 53.0 79.6



#3
Chloromethane
Concen: 0.388 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

Tgt Ion: 50 Resp: 709
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

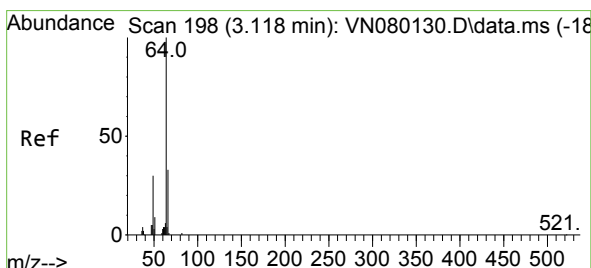
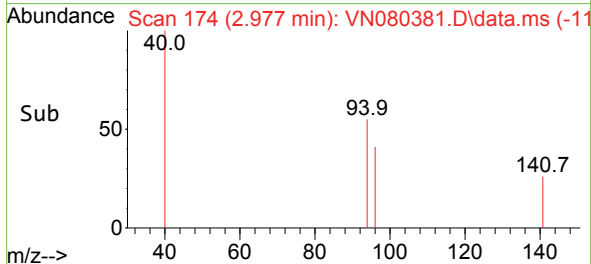
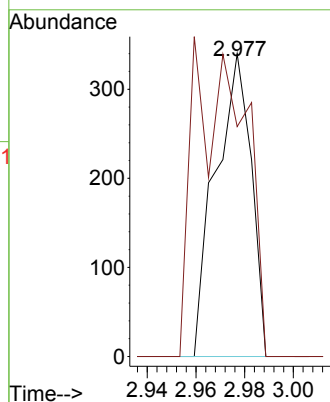
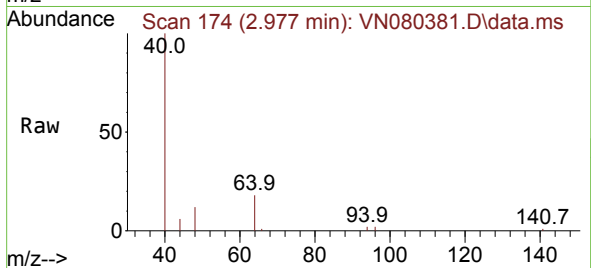




#5
Bromomethane
Concen: 0.263 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

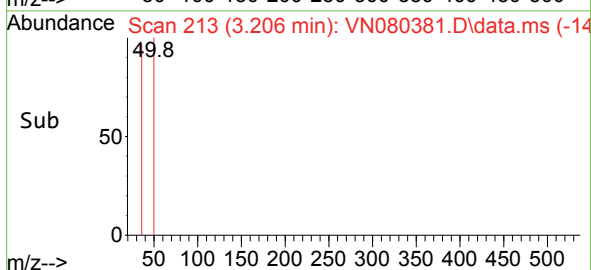
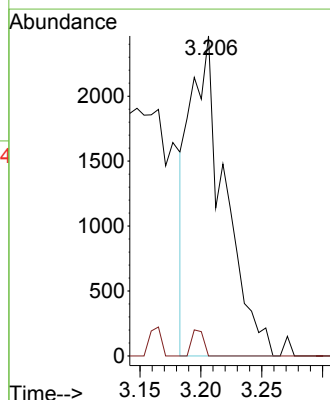
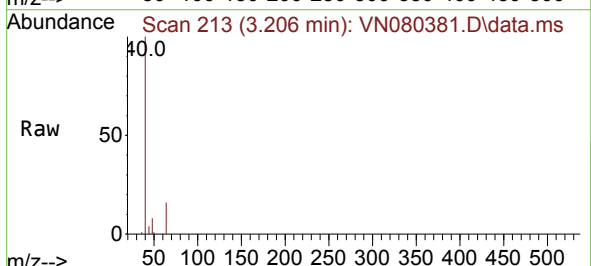
Instrument :
MSVOA_N
ClientSampleId :

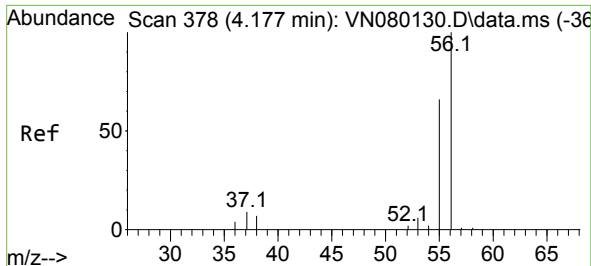
Tgt Ion: 94 Resp: 345
Ion Ratio Lower Upper
94 100
96 75.9 73.1 109.7



#6
Chloroethane
Concen: 2.970 ug/l
RT: 3.206 min Scan# 213
Delta R.T. 0.088 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

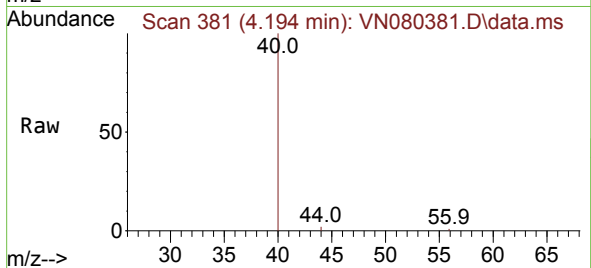
Tgt Ion: 64 Resp: 4980
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



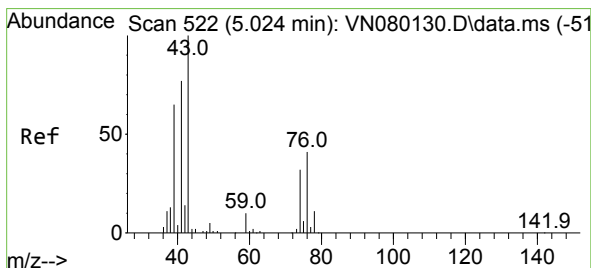
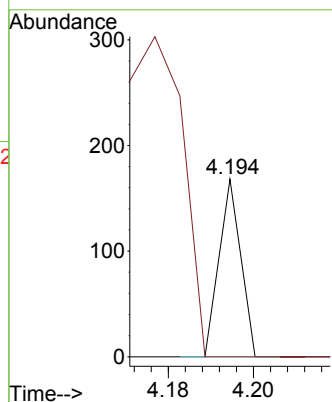


#13
Acrolein
Concen: 0.225 ug/l
RT: 4.194 min Scan# 31
Delta R.T. 0.017 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

Instrument :
MSVOA_N
ClientSampleId :

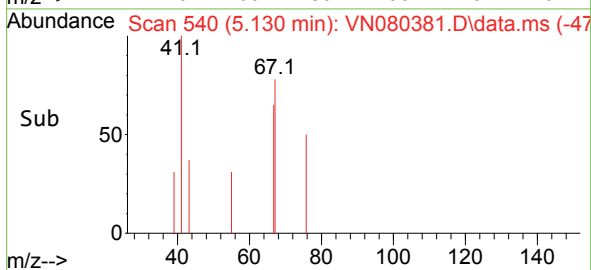
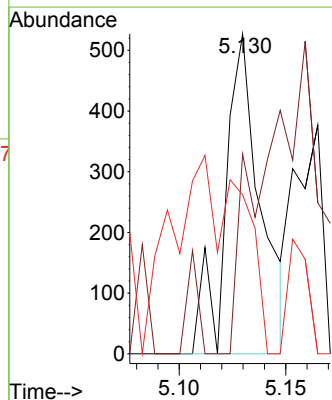
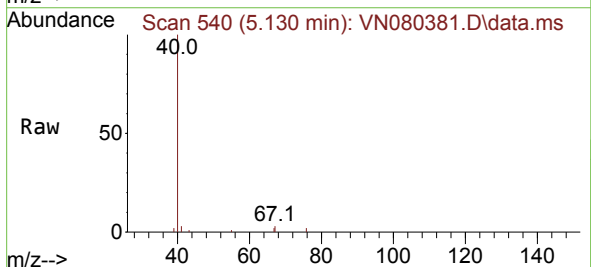


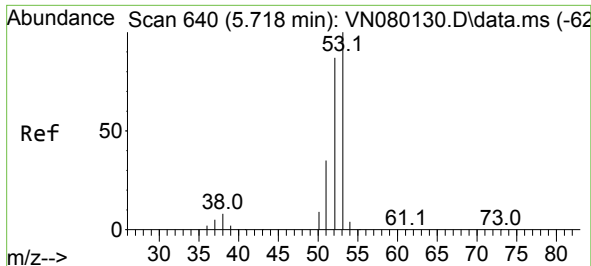
Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#14
Allyl chloride
Concen: 0.279 ug/l
RT: 5.130 min Scan# 540
Delta R.T. 0.106 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

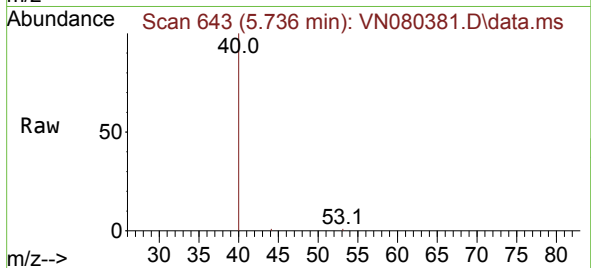
Tgt Ion: 41 Resp: 604
Ion Ratio Lower Upper
41 100
39 0.0 58.8 88.2#
76 0.0 39.1 58.7#



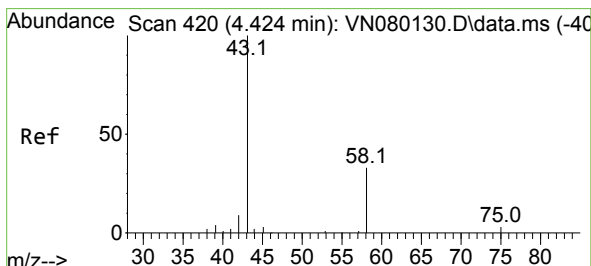
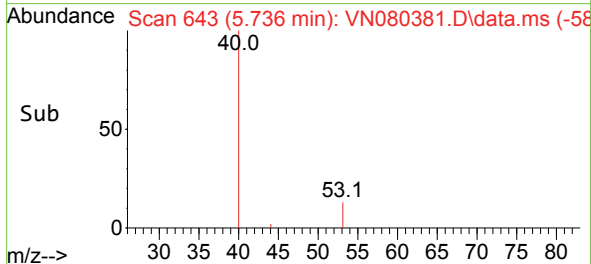
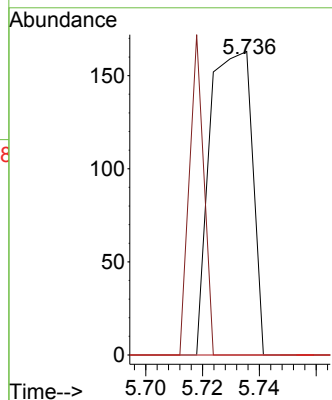


#15
Acrylonitrile
Concen: 0.210 ug/l
RT: 5.736 min Scan# 64
Delta R.T. 0.017 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

Instrument :
MSVOA_N
ClientSampleId :

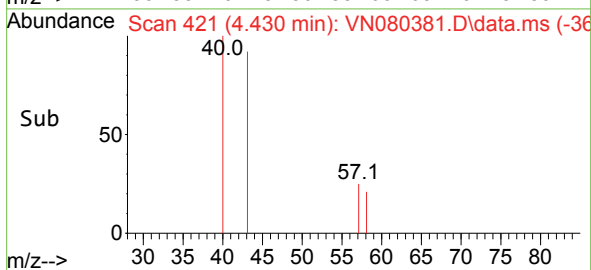
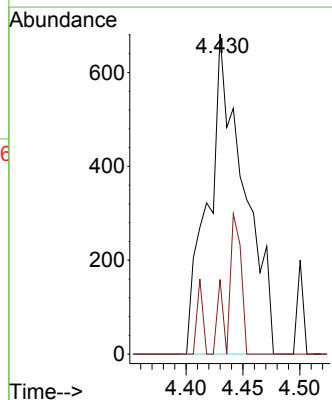
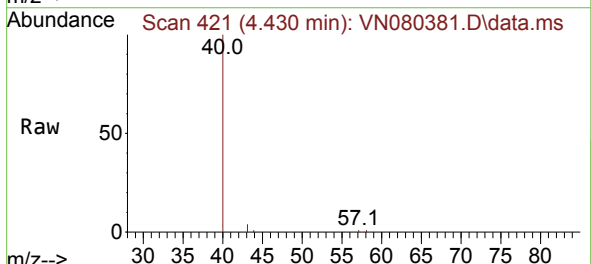


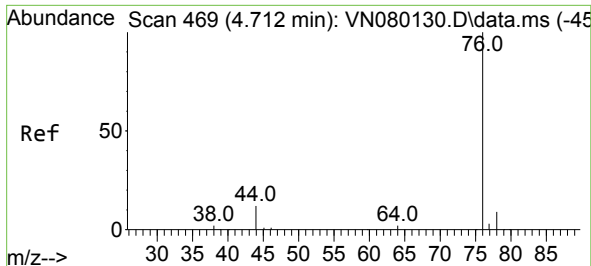
Tgt Ion: 53 Resp: 167
Ion Ratio Lower Upper
53 100
52 36.5 65.3 97.9#
51 0.0 28.9 43.3#



#16
Acetone
Concen: 1.640 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

Tgt Ion: 43 Resp: 1482
Ion Ratio Lower Upper
43 100
58 23.3 28.0 42.0#

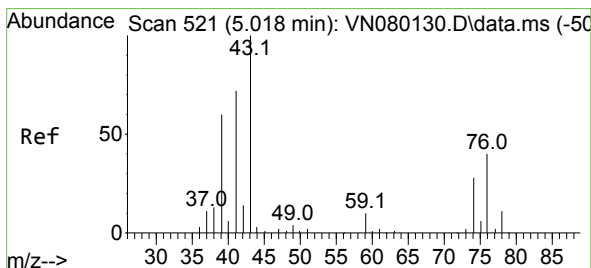
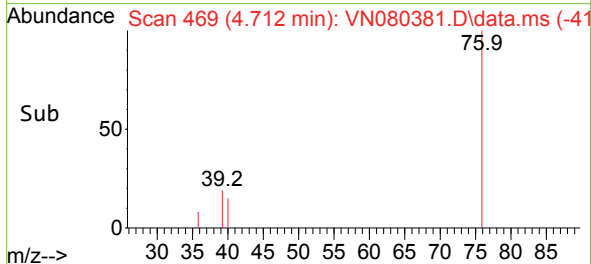
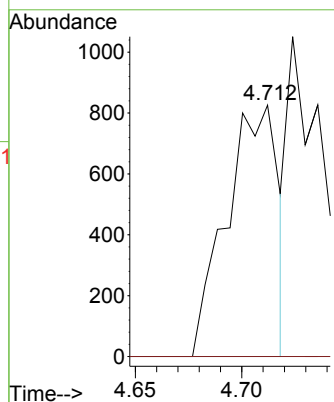
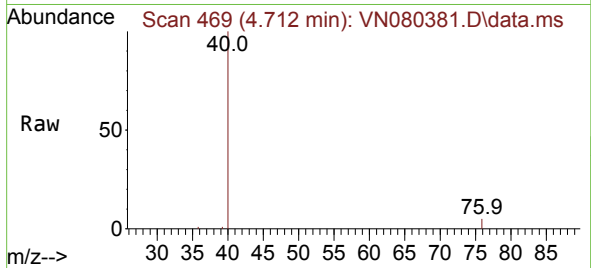




#17
Carbon Disulfide
Concen: 0.272 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

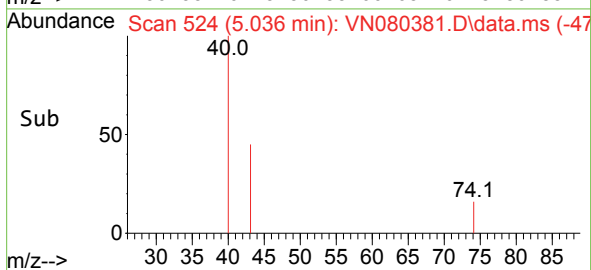
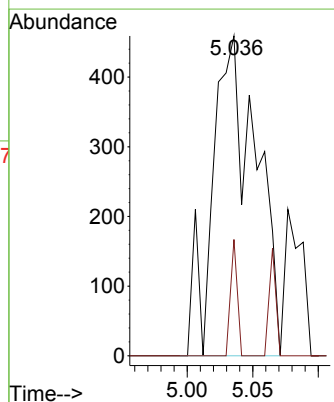
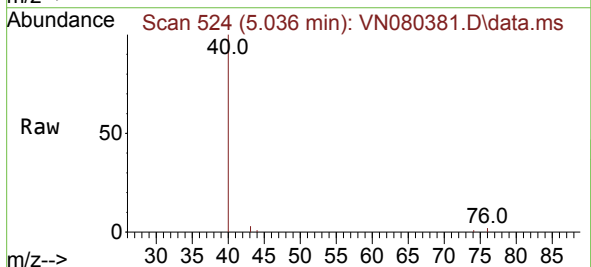
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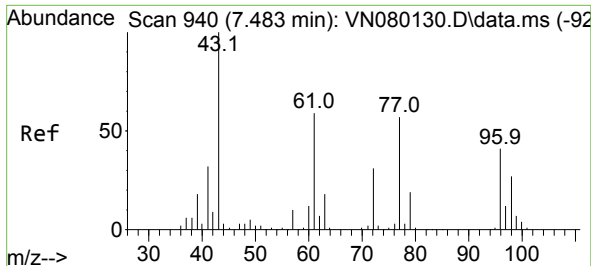
Tgt Ion: 76 Resp: 1398
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.365 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.017 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

Tgt Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
74 5.6 26.2 39.4#

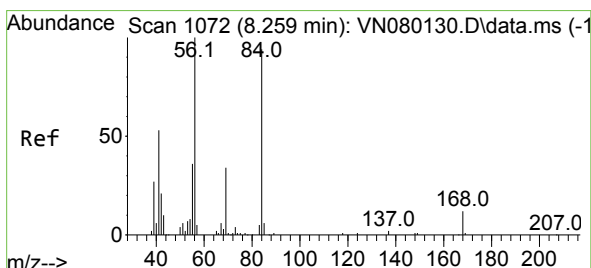
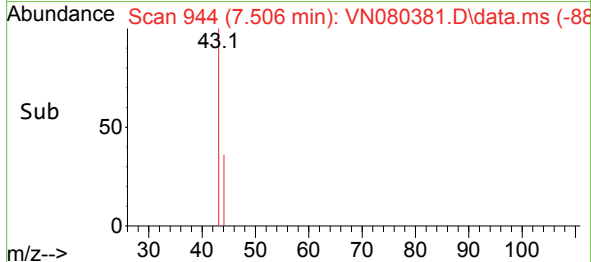
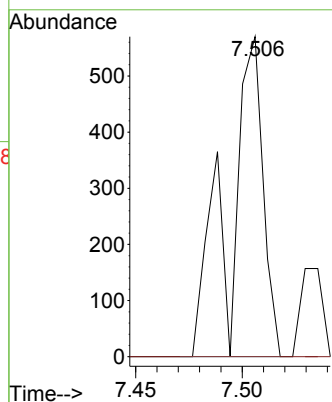
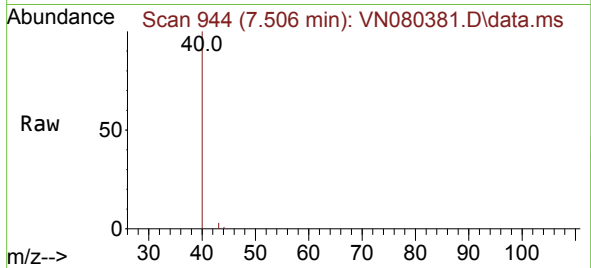




#25
2-Butanone
Concen: 0.591 ug/l
RT: 7.506 min Scan# 940
Delta R.T. 0.023 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

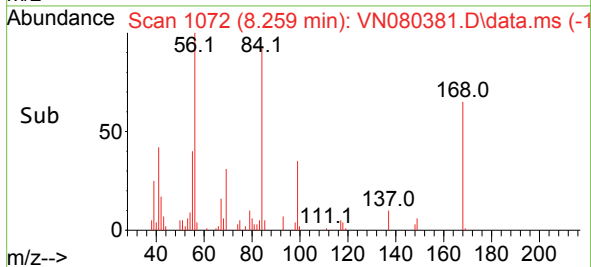
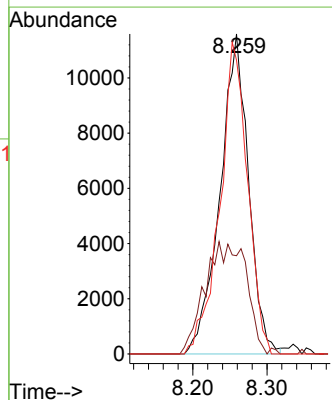
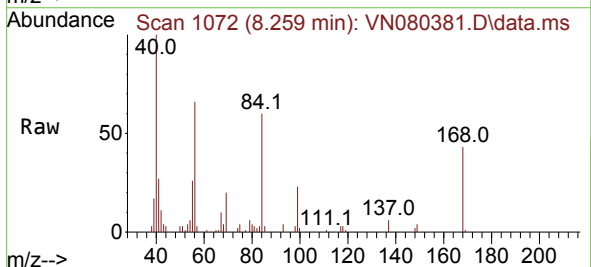
Instrument :
MSVOA_N
ClientSampleId :

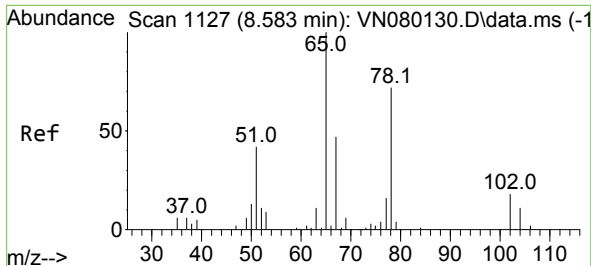
Tgt Ion: 43 Resp: 635
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#31
Cyclohexane
Concen: 10.581 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

Tgt Ion: 56 Resp: 30969
Ion Ratio Lower Upper
56 100
69 30.7 26.8 40.2
84 91.8 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 51.782 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080381.D

Acq: 06 Dec 2023 13:13

Instrument :

MSVOA_N

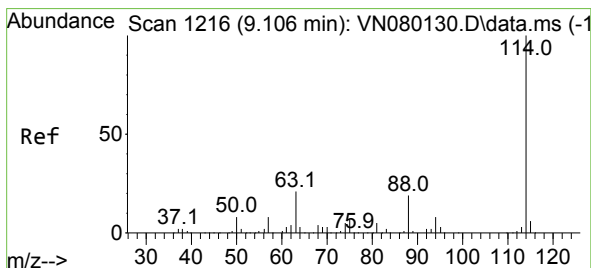
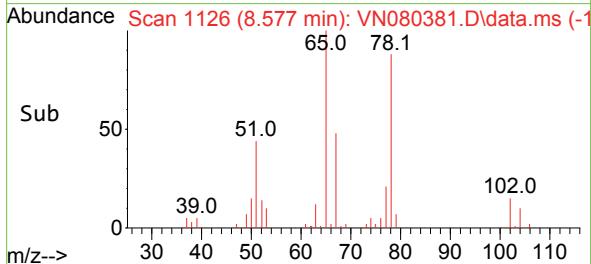
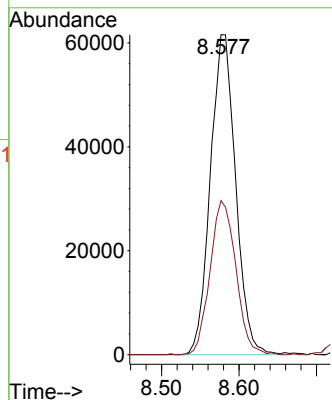
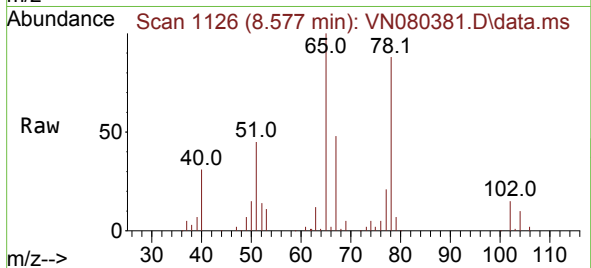
ClientSampleId :

Tgt Ion: 65 Resp: 139358

Ion Ratio Lower Upper

65 100

67 49.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080381.D

Acq: 06 Dec 2023 13:13

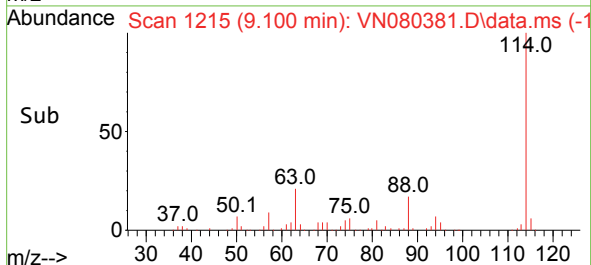
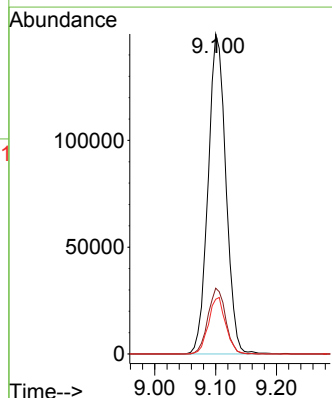
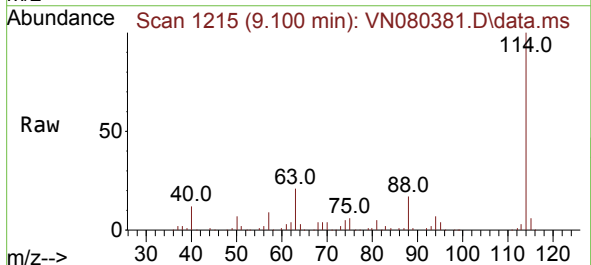
Tgt Ion: 114 Resp: 304468

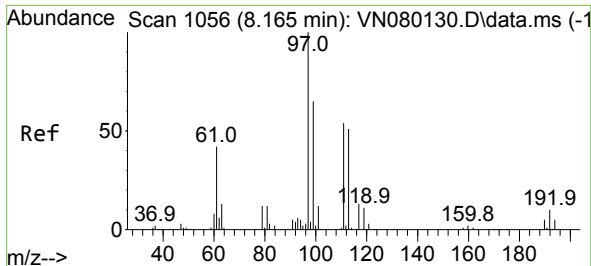
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 17.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.325 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

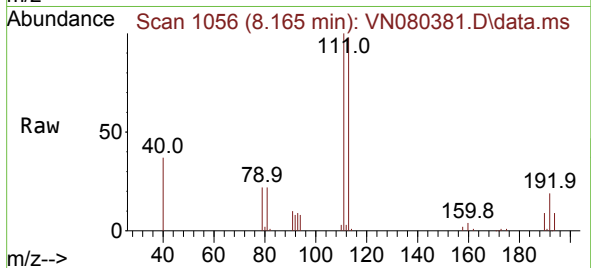
Lab File: VN080381.D

Acq: 06 Dec 2023 13:13

Instrument :

MSVOA_N

ClientSampleId :



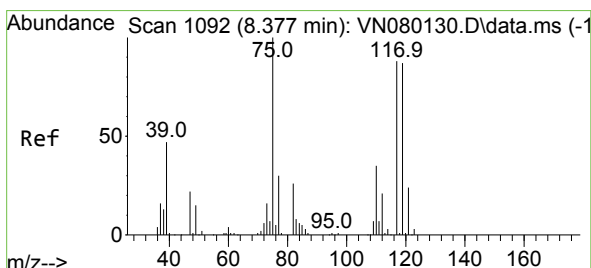
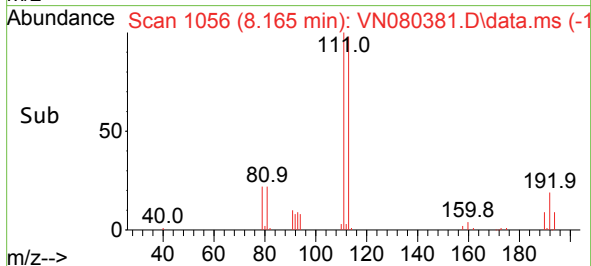
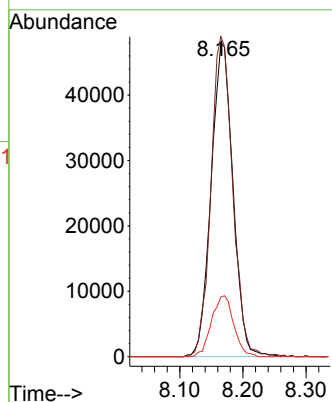
Tgt Ion:113 Resp: 115306

Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

192 19.7 12.7 19.1#



#36

1,1-Dichloropropene

Concen: 4.139 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN080381.D

Acq: 06 Dec 2023 13:13

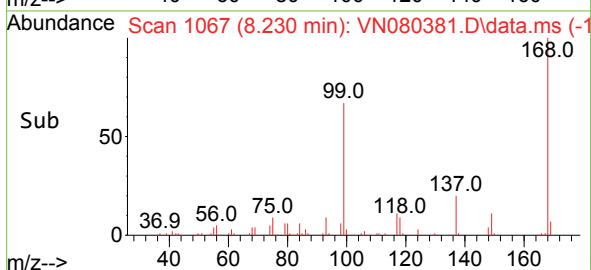
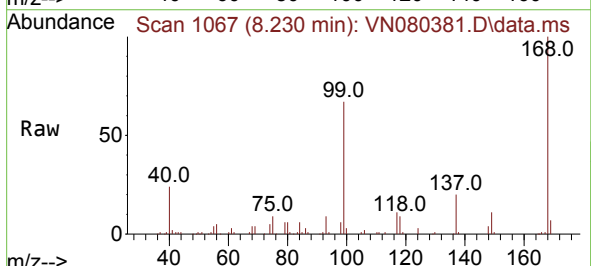
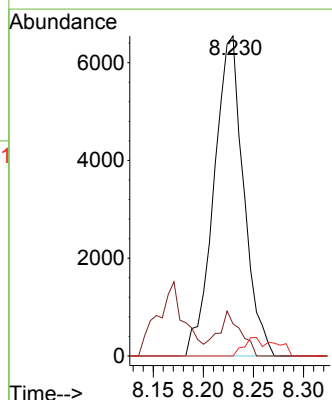
Tgt Ion: 75 Resp: 13463

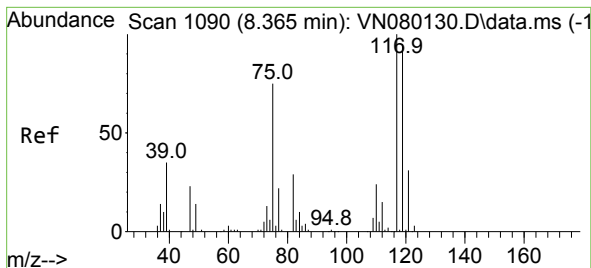
Ion Ratio Lower Upper

75 100

110 10.7 19.1 57.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 4.307 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

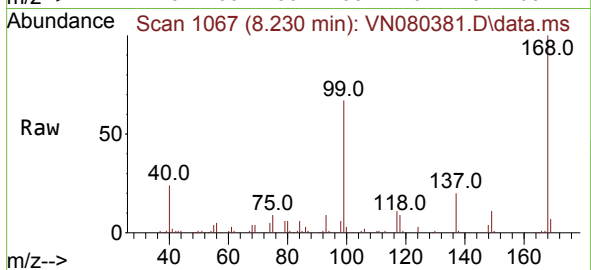
Lab File: VN080381.D

Acq: 06 Dec 2023 13:13

Instrument :

MSVOA_N

ClientSampleId :



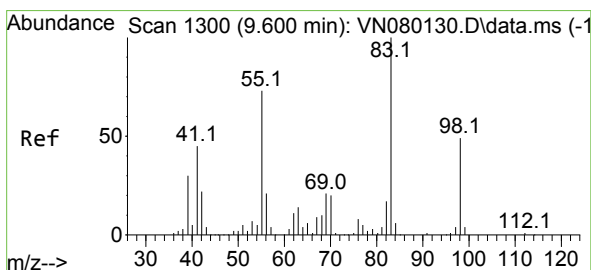
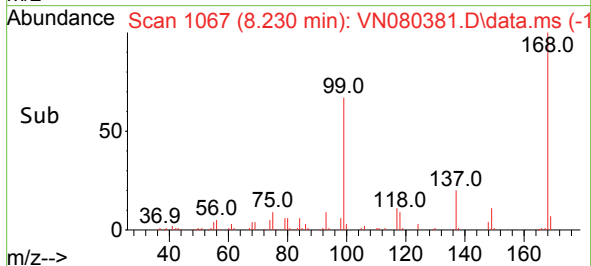
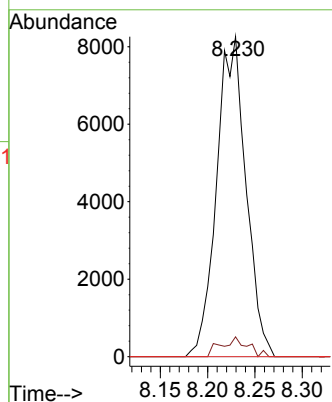
Tgt Ion:117 Resp: 17778

Ion Ratio Lower Upper

117 100

119 6.2 77.3 115.9#

121 0.0 23.3 34.9#



#39

Methylcyclohexane

Concen: 5.264 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN080381.D

Acq: 06 Dec 2023 13:13

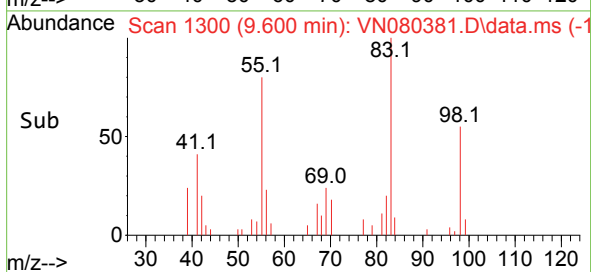
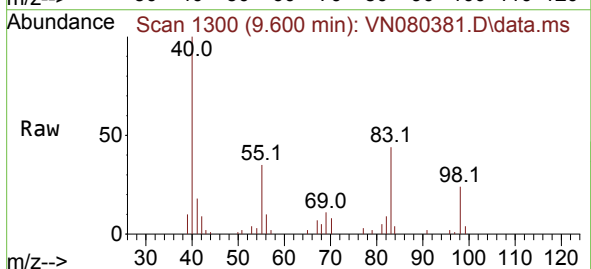
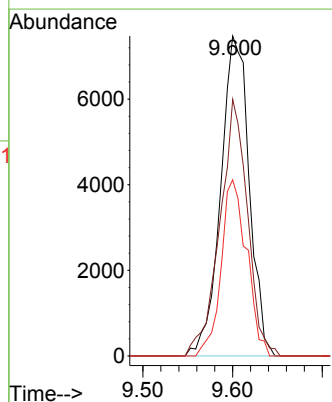
Tgt Ion: 83 Resp: 16509

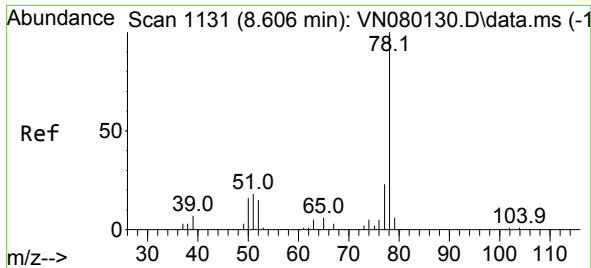
Ion Ratio Lower Upper

83 100

55 80.2 49.1 73.7#

98 55.0 40.6 61.0

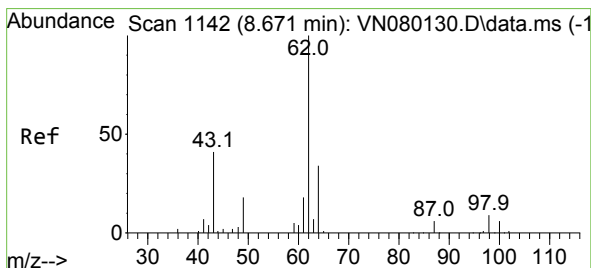
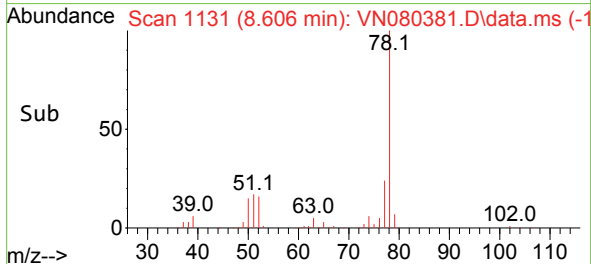
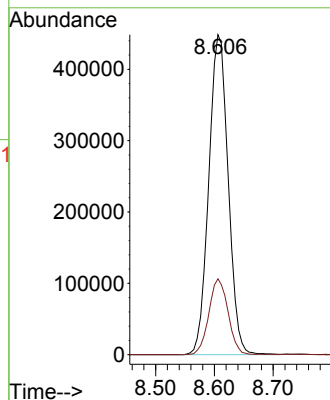
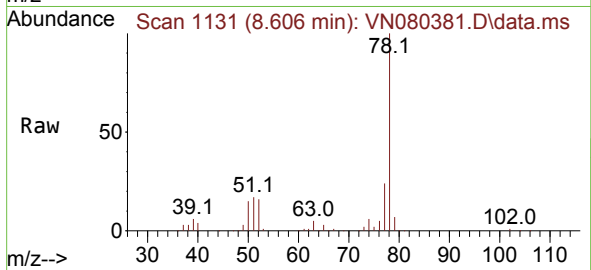




#40
Benzene
Concen: 111.269 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

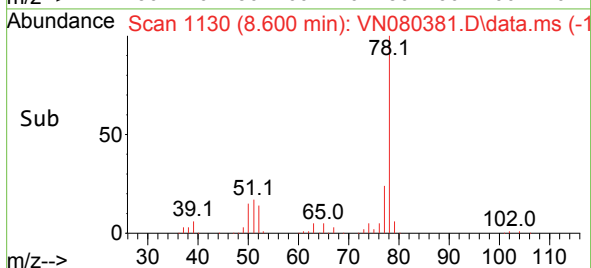
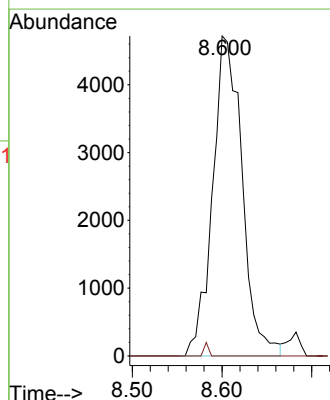
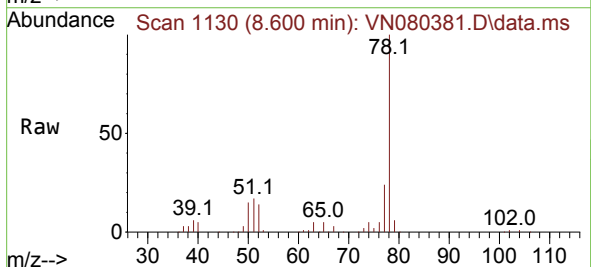
Instrument :
MSVOA_N
ClientSampleId :

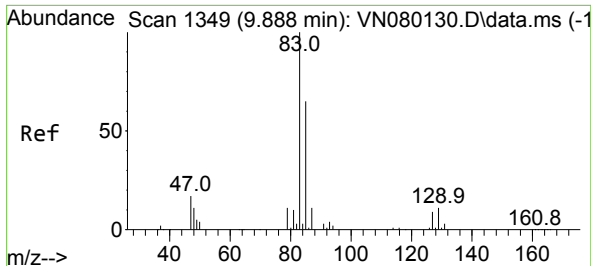
Tgt Ion: 78 Resp: 1028602
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6



#42
1,2-Dichloroethane
Concen: 2.843 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.071 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

Tgt Ion: 62 Resp: 10754
Ion Ratio Lower Upper
62 100
98 0.7 0.0 19.8

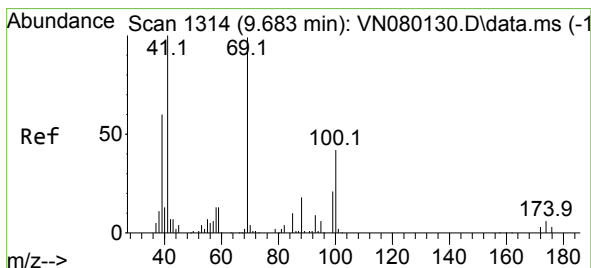
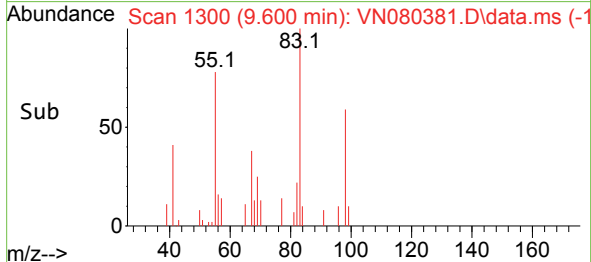
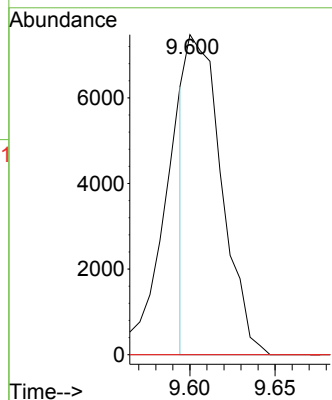
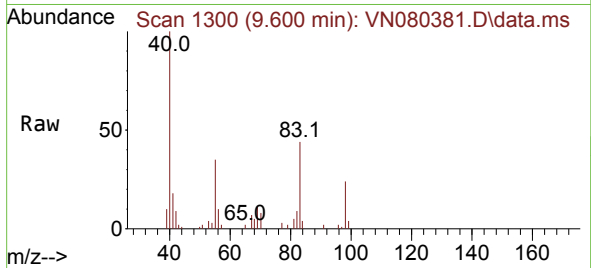




#47
Bromodichloromethane
Concen: 3.004 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.288 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

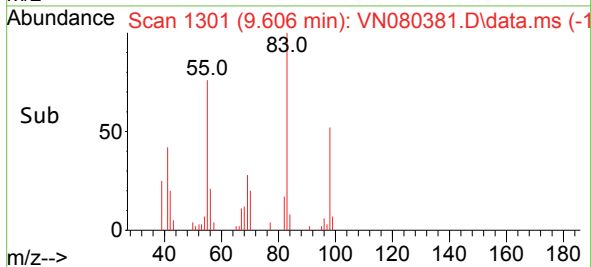
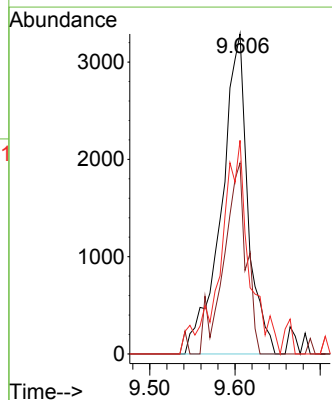
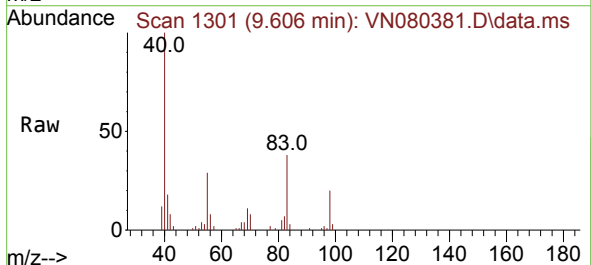
Instrument :
MSVOA_N
ClientSampleId :

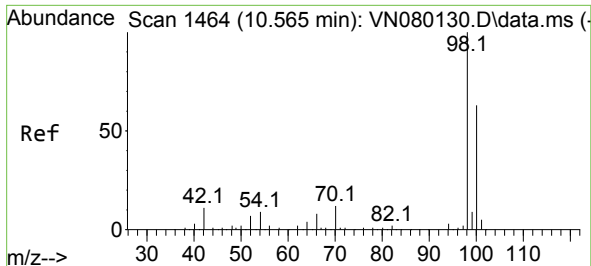
Tgt Ion: 83 Resp: 10745
Ion Ratio Lower Upper
83 100
85 0.0 49.6 74.4#
127 0.0 7.0 10.6#



#48
Methyl methacrylate
Concen: 3.136 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.077 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

Tgt Ion: 41 Resp: 7095
Ion Ratio Lower Upper
41 100
69 51.1 90.4 135.6#
39 72.4 54.6 81.8

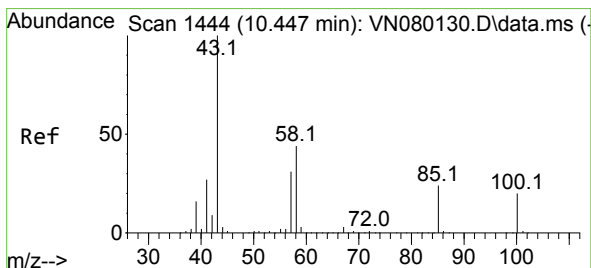
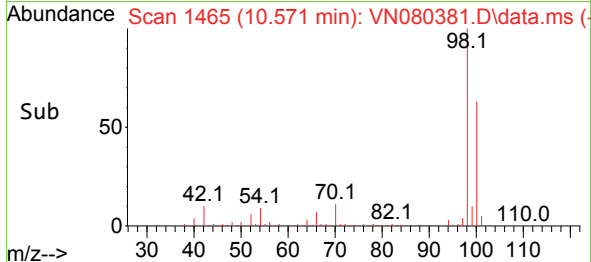
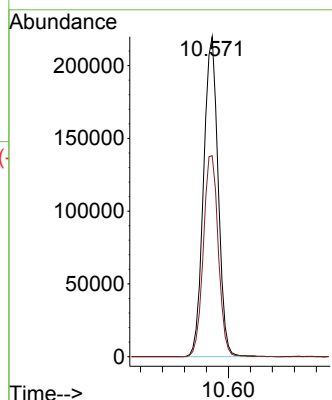
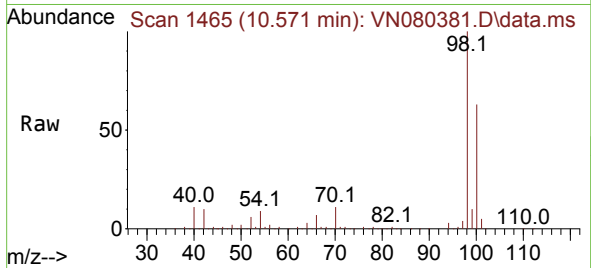




#50
Toluene-d8
Concen: 49.903 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

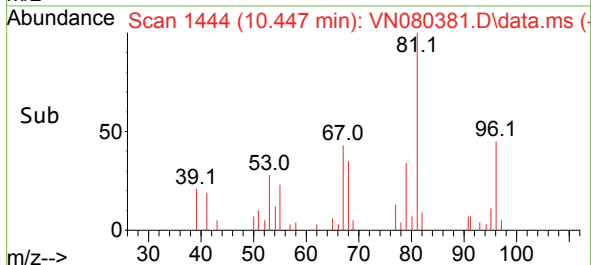
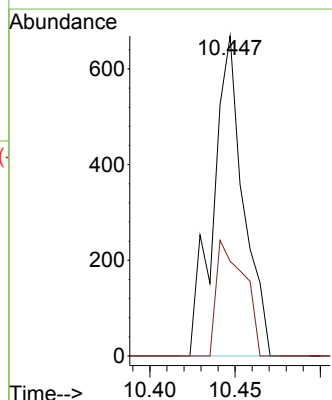
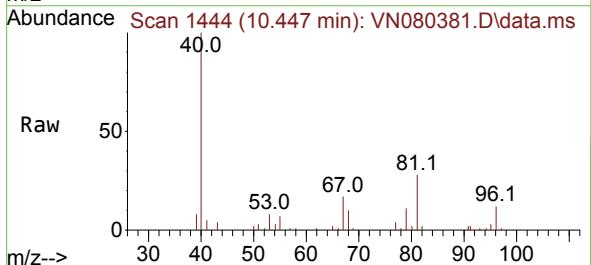
Instrument :
MSVOA_N
ClientSampleId :

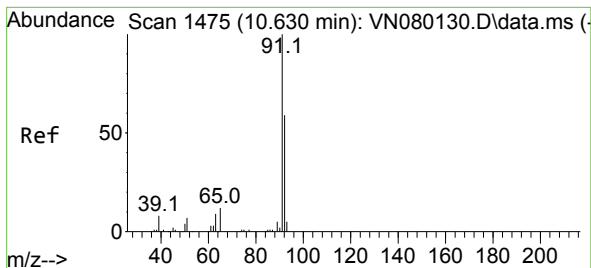
Tgt Ion: 98 Resp: 404134
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.363 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
58 33.1 36.6 54.8#





#52

Toluene

Concen: 7.265 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN080381.D

Acq: 06 Dec 2023 13:13

Instrument :

MSVOA_N

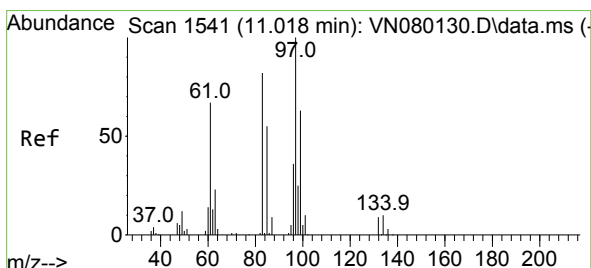
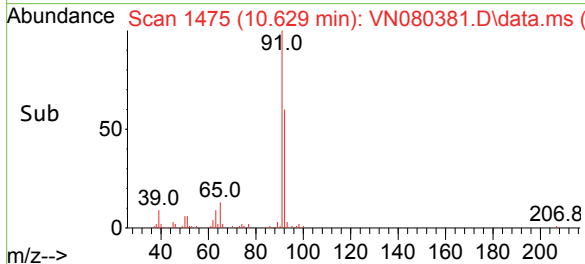
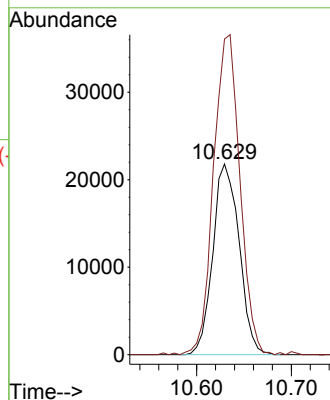
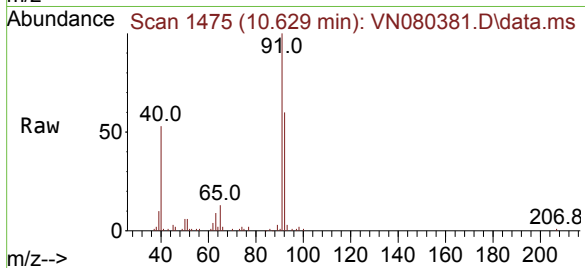
ClientSampleId :

Tgt Ion: 92 Resp: 42031

Ion Ratio Lower Upper

92 100

91 168.4 137.4 206.0



#55

1,1,2-Trichloroethane

Concen: 0.866 ug/l

RT: 11.006 min Scan# 1539

Delta R.T. -0.012 min

Lab File: VN080381.D

Acq: 06 Dec 2023 13:13

Tgt Ion: 97 Resp: 1912

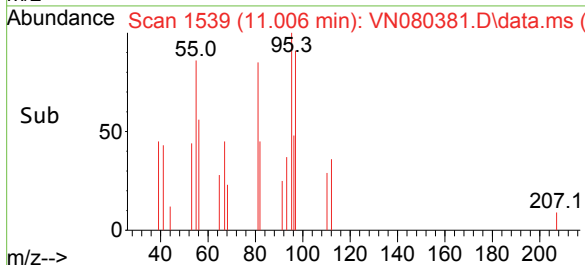
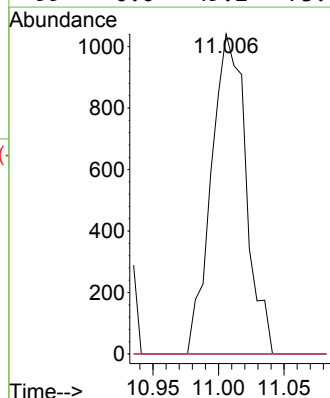
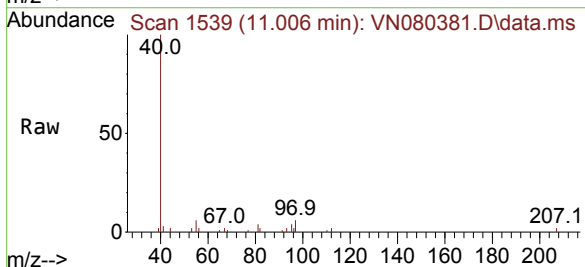
Ion Ratio Lower Upper

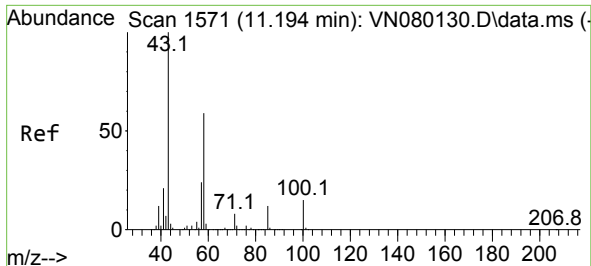
97 100

83 0.0 65.1 97.7#

85 0.0 43.4 65.2#

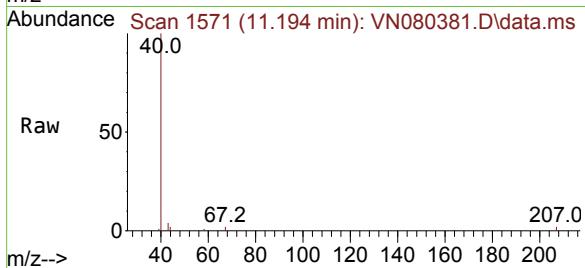
99 0.0 49.2 73.8#



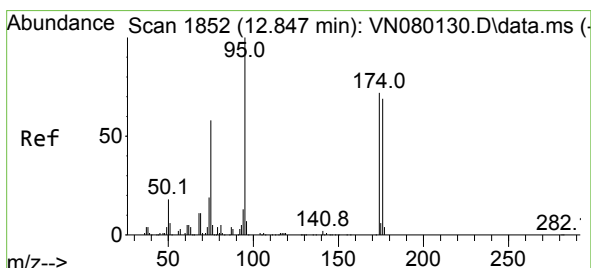
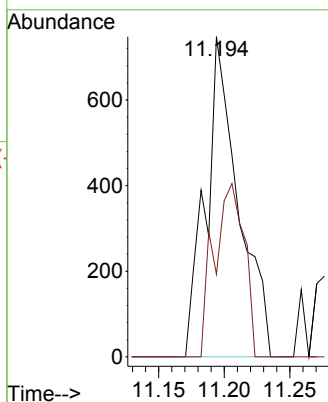
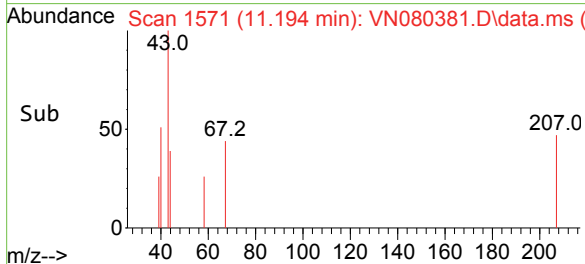


#59
2-Hexanone
Concen: 0.710 ug/l
RT: 11.194 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

Instrument :
MSVOA_N
ClientSampleId :

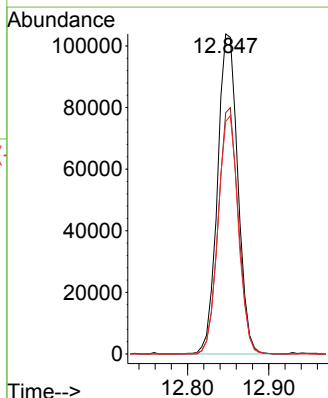
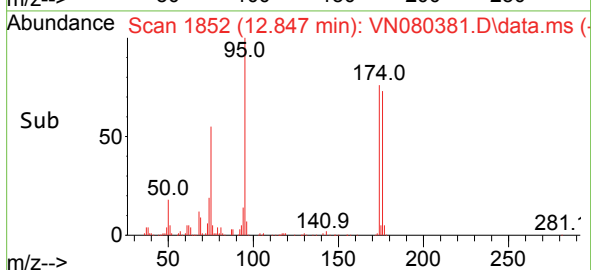
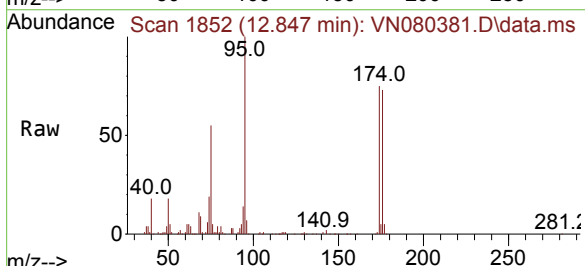


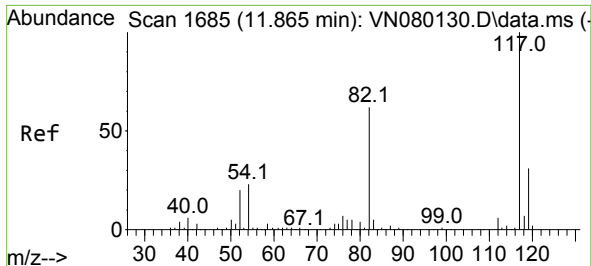
Tgt Ion: 43 Resp: 1296
Ion Ratio Lower Upper
43 100
58 49.8 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 59.047 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

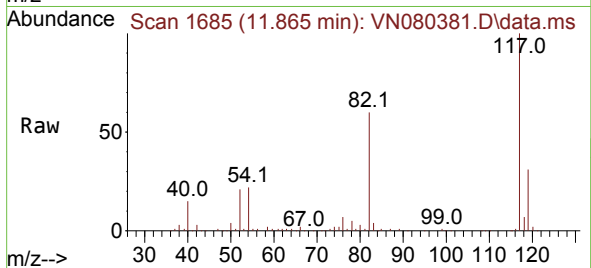
Tgt Ion: 95 Resp: 180621
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 74.1 0.0 135.8



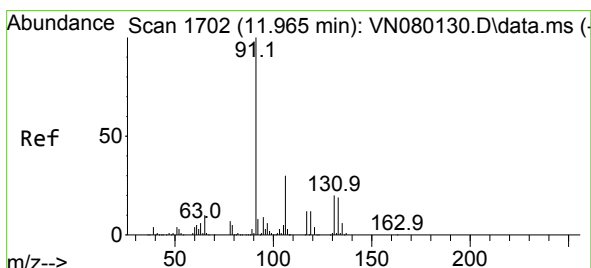
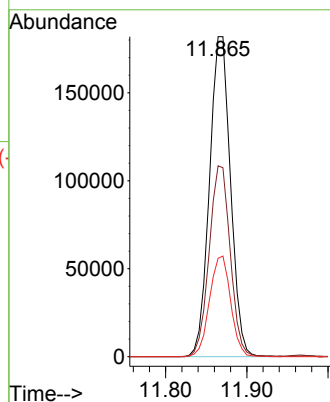
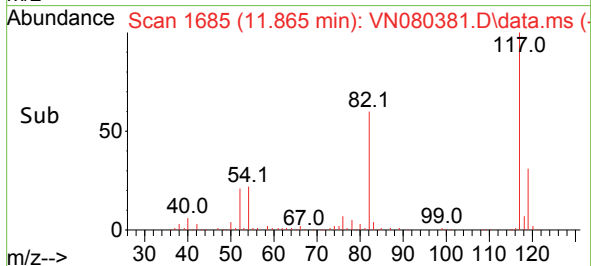


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

Instrument :
MSVOA_N
ClientSampleId :

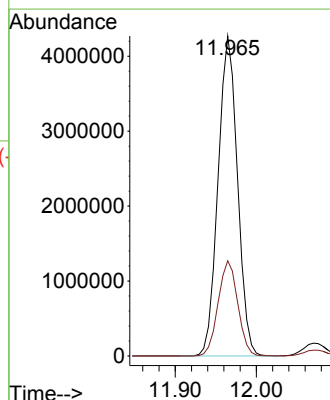
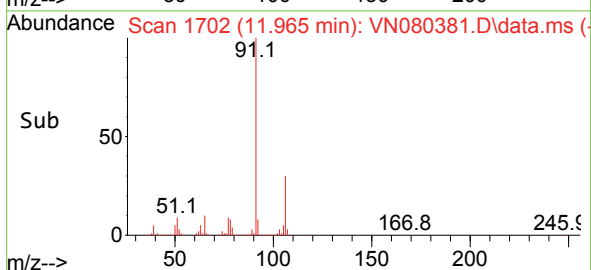
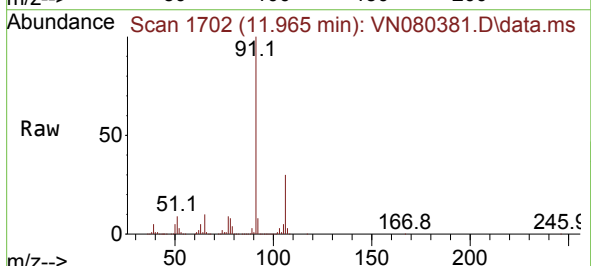


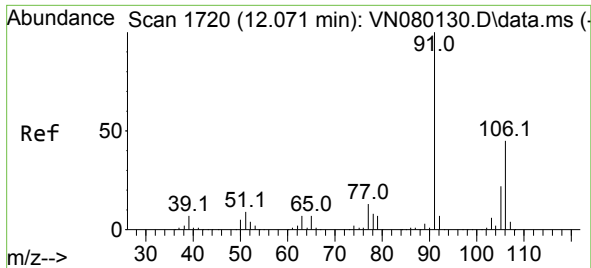
Tgt Ion:117 Resp: 327559
Ion Ratio Lower Upper
117 100
82 59.7 44.0 66.0
119 30.7 25.6 38.4



#67
Ethyl Benzene
Concen: 537.577 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

Tgt Ion: 91 Resp: 7100034
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

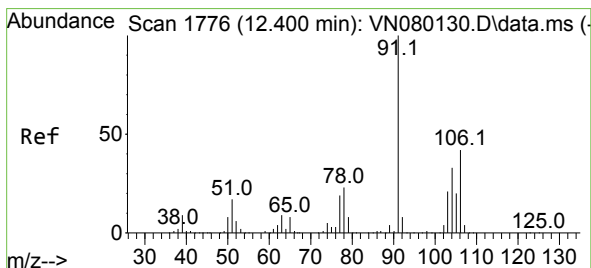
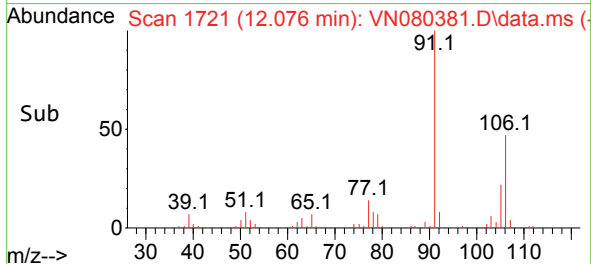
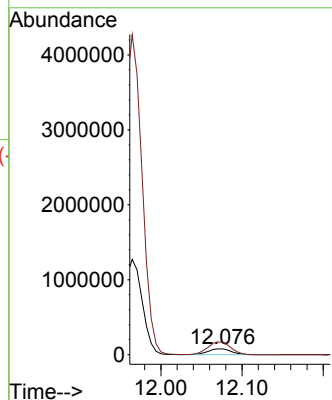
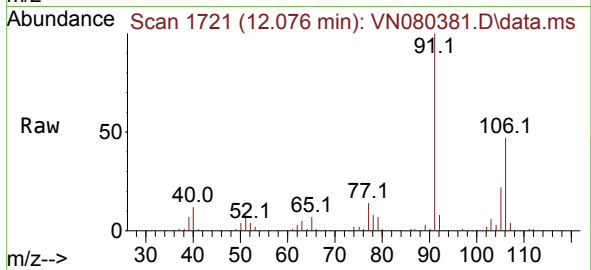




#68
m/p-Xylenes
Concen: 32.621 ug/l
RT: 12.076 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

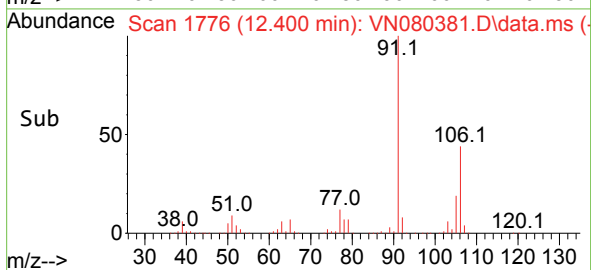
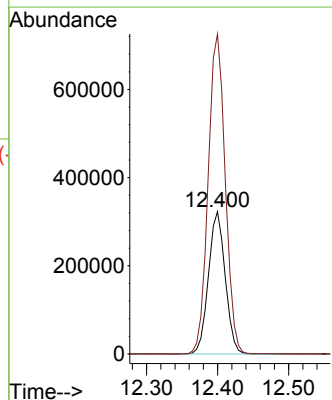
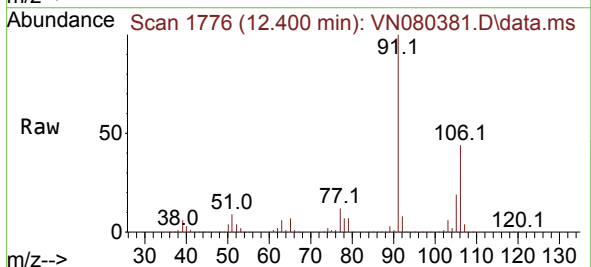
Instrument :
MSVOA_N
ClientSampleId :

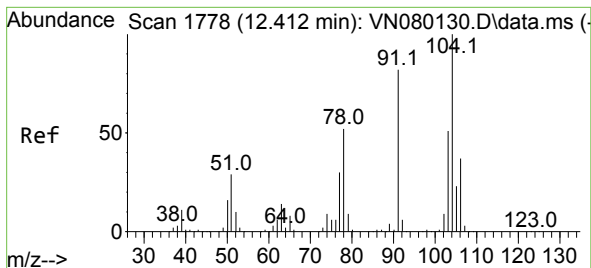
Tgt Ion:106 Resp: 157089
Ion Ratio Lower Upper
106 100
91 214.5 159.6 239.4



#69
o-Xylene
Concen: 116.490 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

Tgt Ion:106 Resp: 528661
Ion Ratio Lower Upper
106 100
91 229.4 105.2 315.5





#70

Styrene

Concen: 4.490 ug/l

RT: 12.400 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN080381.D

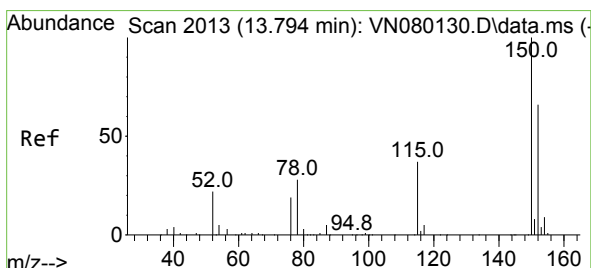
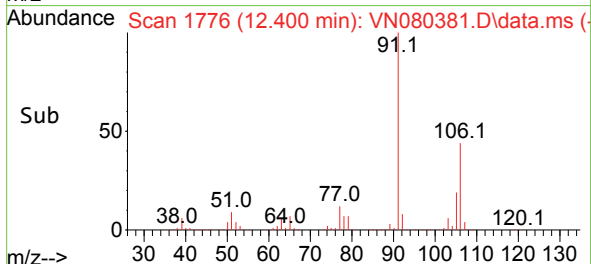
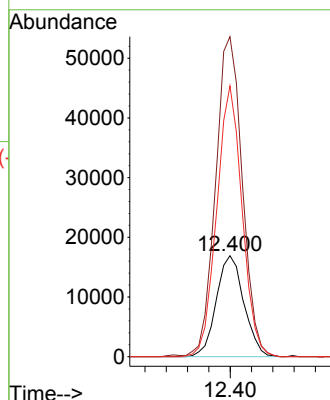
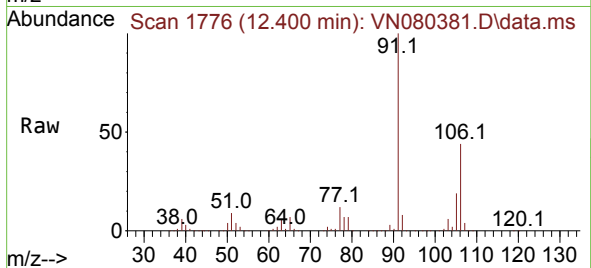
Acq: 06 Dec 2023 13:13

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:104	Resp:	30330
Ion Ratio	Lower	Upper
104	100	
78	308.0	39.5 59.3#
103	247.3	43.2 64.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

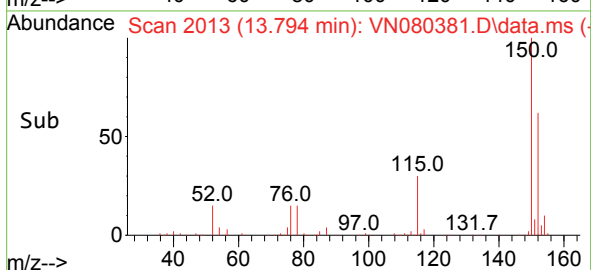
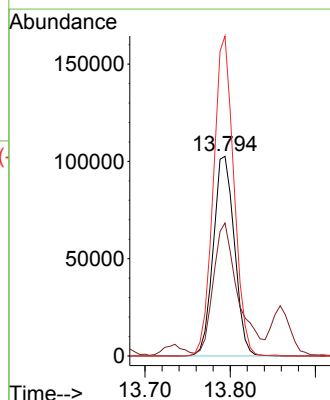
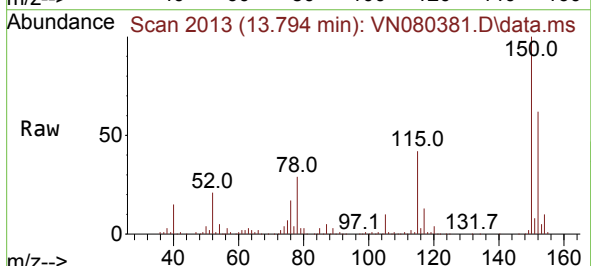
RT: 13.794 min Scan# 2013

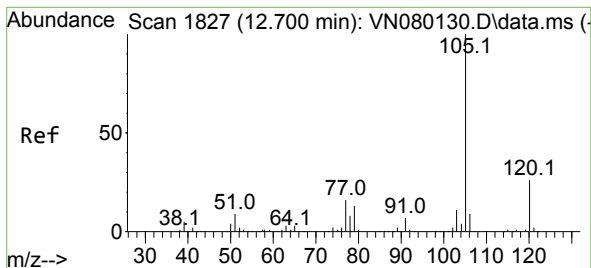
Delta R.T. -0.000 min

Lab File: VN080381.D

Acq: 06 Dec 2023 13:13

Tgt Ion:152	Resp:	176500
Ion Ratio	Lower	Upper
152	100	
115	75.8	32.3 96.8
150	156.2	0.0 355.8





#73

Isopropylbenzene

Concen: 32.013 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN080381.D

Acq: 06 Dec 2023 13:13

Instrument :

MSVOA_N

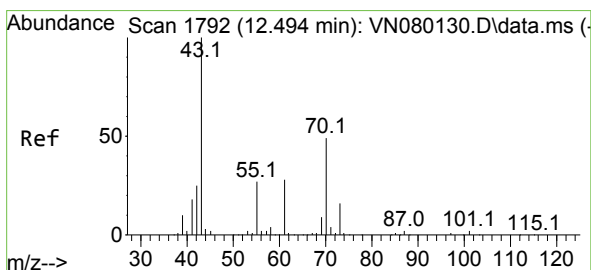
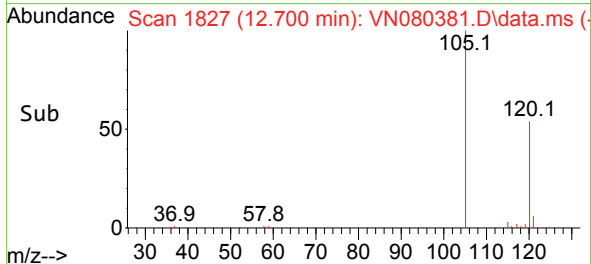
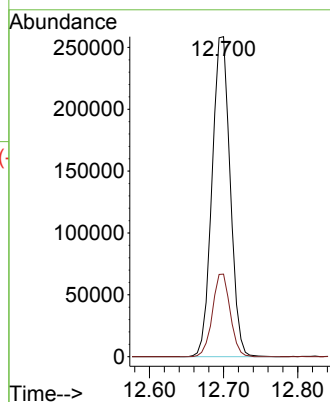
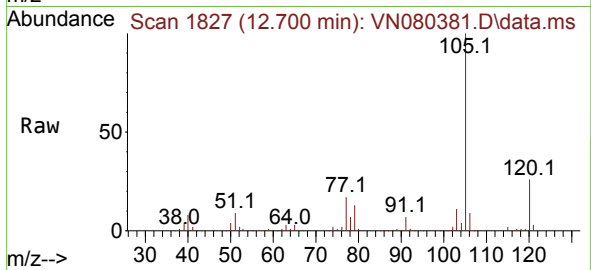
ClientSampleId :

Tgt Ion:105 Resp: 439063

Ion Ratio Lower Upper

105 100

120 25.3 13.1 39.1



#74

N-ethyl acetate

Concen: 0.253 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN080381.D

Acq: 06 Dec 2023 13:13

Tgt Ion: 43 Resp: 1080

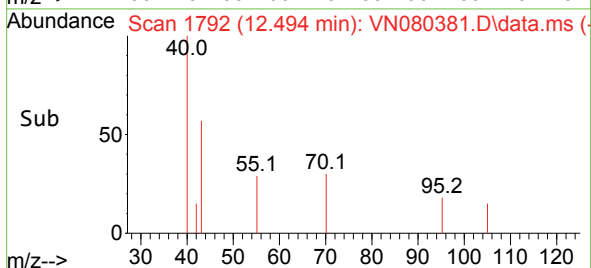
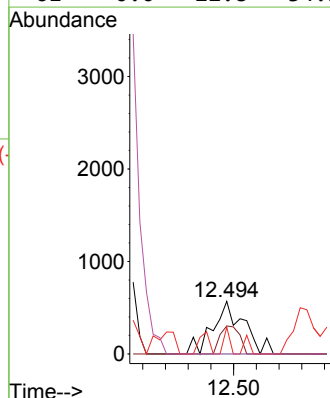
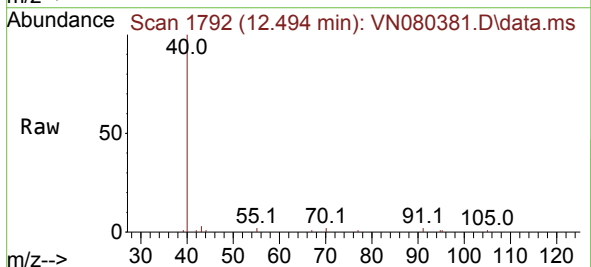
Ion Ratio Lower Upper

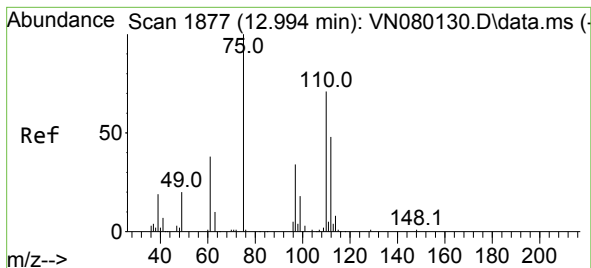
43 100

70 33.1 43.4 65.2#

55 9.4 21.4 32.0#

61 0.0 22.8 34.2#





#76

1,2,3-Trichloropropane

Concen: 1.123 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.135 min

Lab File: VN080381.D

Acq: 06 Dec 2023 13:13

Instrument :

MSVOA_N

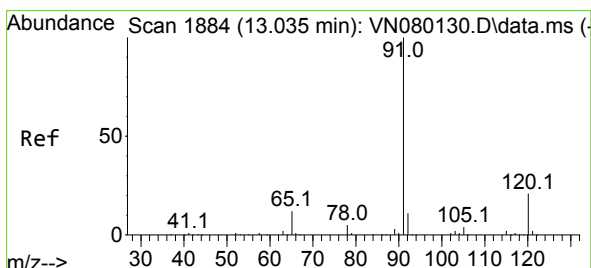
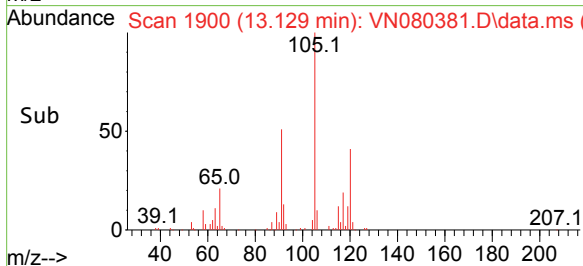
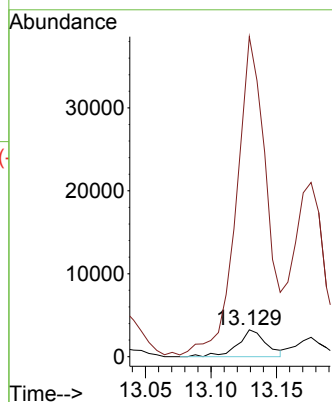
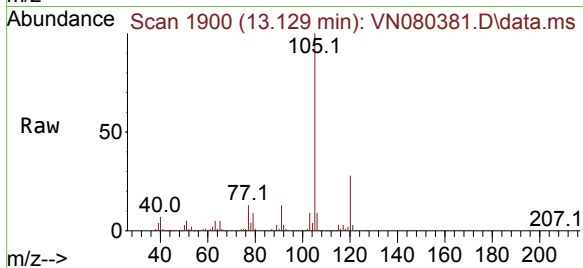
ClientSampleId :

Tgt Ion: 75 Resp: 4856

Ion Ratio Lower Upper

75 100

77 1253.5 84.5 253.5#



#78

n-propylbenzene

Concen: 12.159 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN080381.D

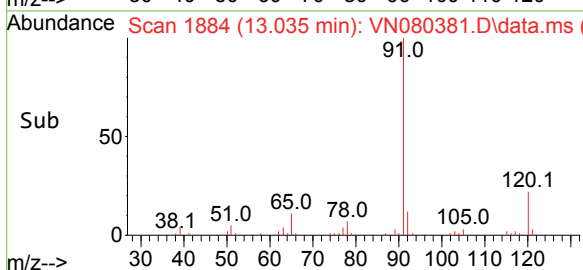
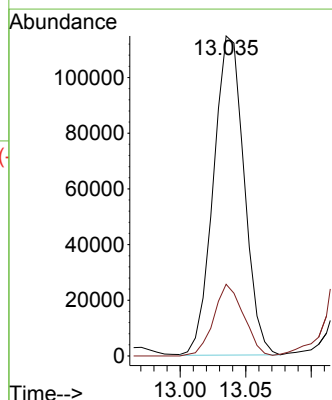
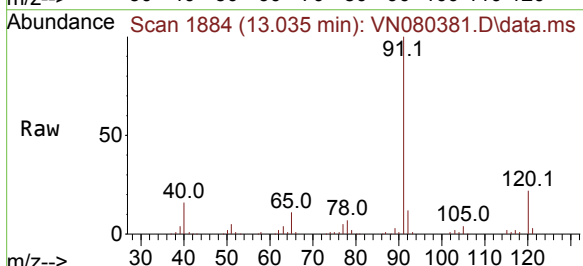
Acq: 06 Dec 2023 13:13

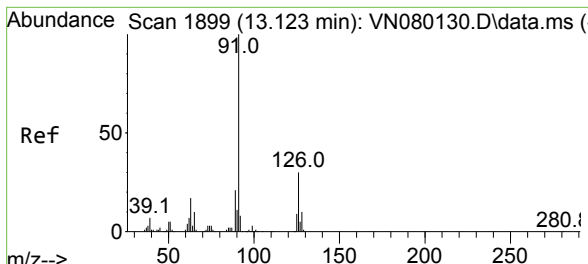
Tgt Ion: 91 Resp: 186477

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4

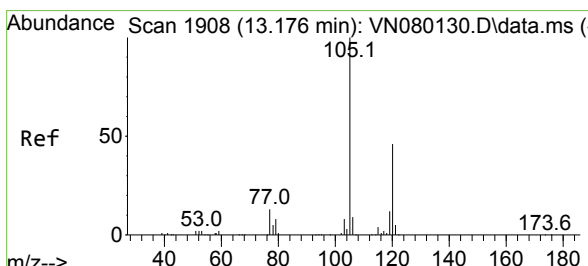
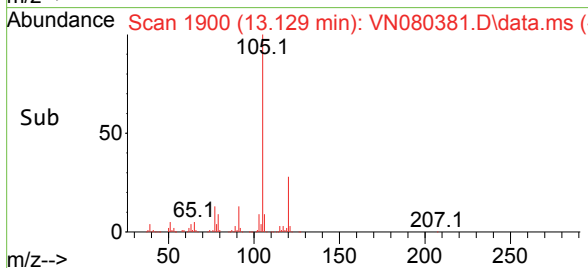
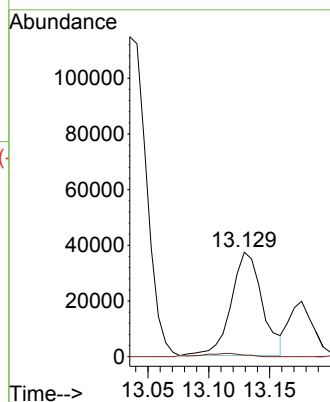
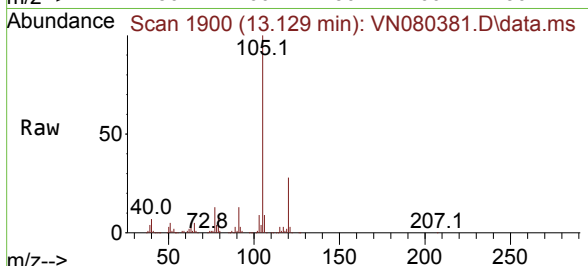




#79
 2-Chlorotoluene
 Concen: 6.642 ug/l
 RT: 13.129 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VN080381.D
 Acq: 06 Dec 2023 13:13

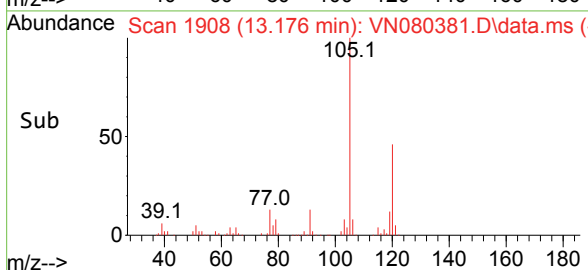
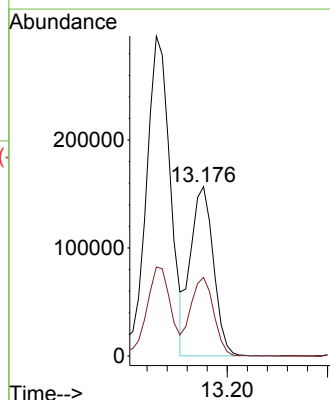
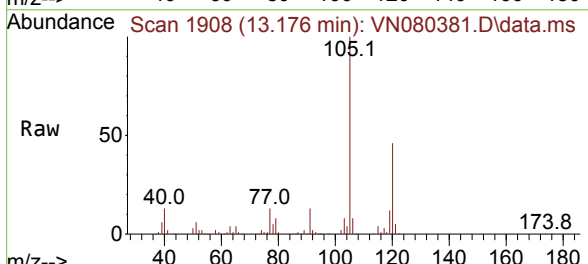
Instrument :
 MSVOA_N
 ClientSampleId :

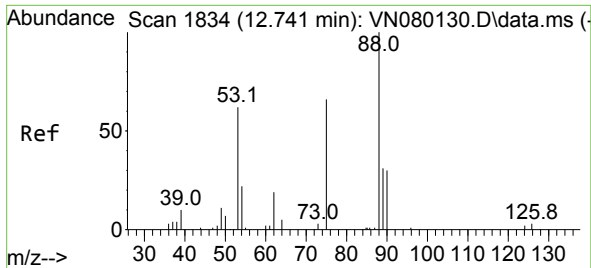
Tgt Ion: 91 Resp: 66167
 Ion Ratio Lower Upper
 91 100
 126 4.1 16.3 48.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 20.883 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN080381.D
 Acq: 06 Dec 2023 13:13

Tgt Ion: 105 Resp: 249325
 Ion Ratio Lower Upper
 105 100
 120 46.9 24.1 72.3

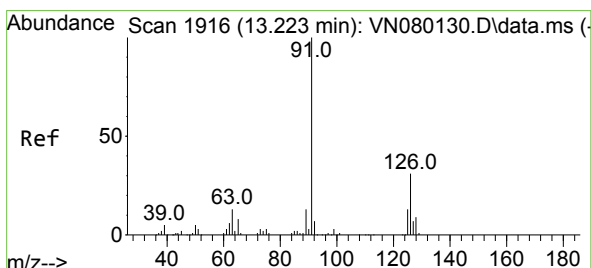
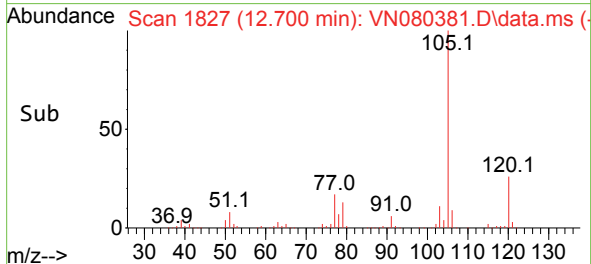
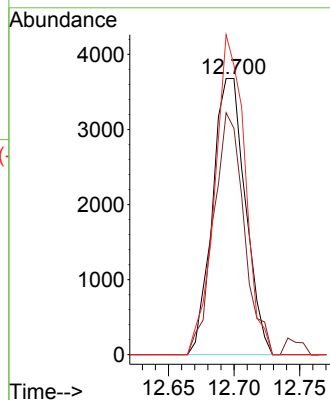
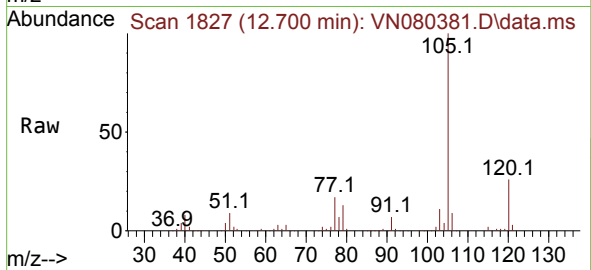




#81
trans-1,4-Dichloro-2-butene
Concen: 5.006 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

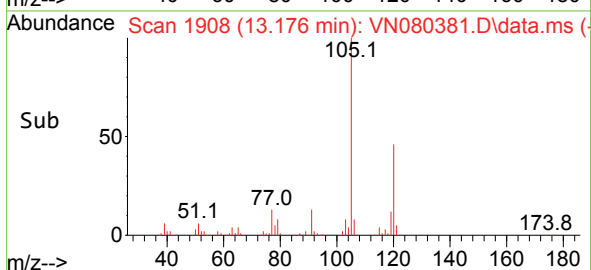
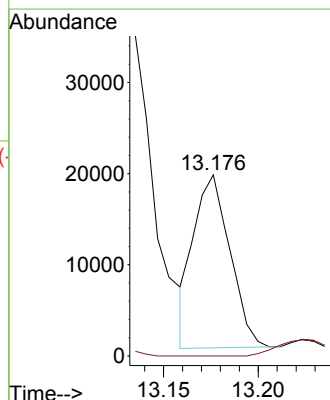
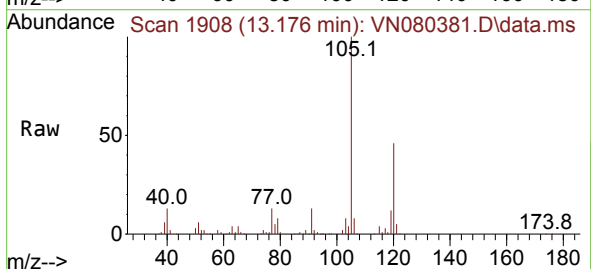
Instrument :
MSVOA_N
ClientSampleId :

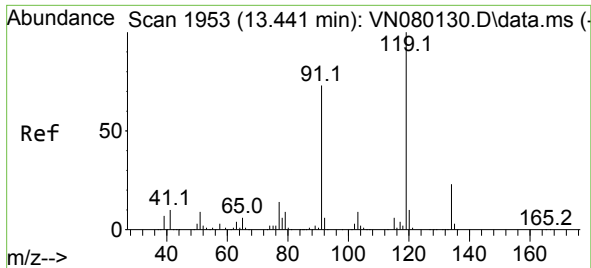
Tgt Ion: 75 Resp: 6408
Ion Ratio Lower Upper
75 100
53 81.8 67.4 101.2
89 106.2 38.8 58.2#



#82
4-Chlorotoluene
Concen: 2.477 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.047 min
Lab File: VN080381.D
Acq: 06 Dec 2023 13:13

Tgt Ion: 91 Resp: 25277
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#

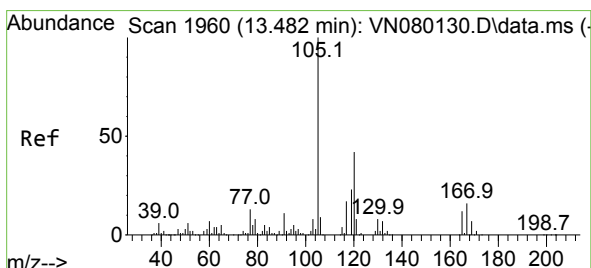
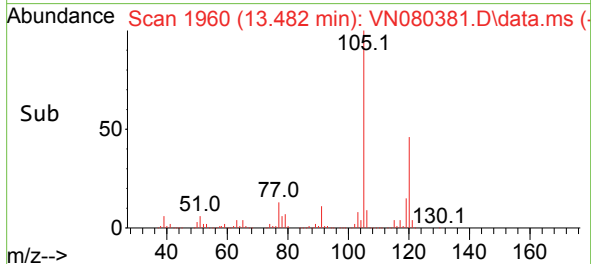
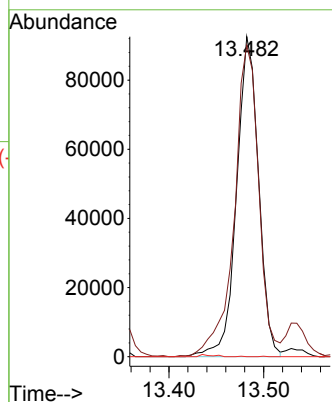
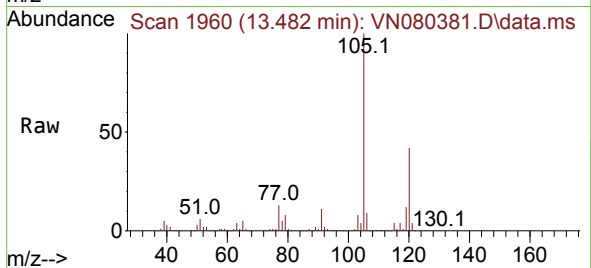




#83
 tert-Butylbenzene
 Concen: 15.607 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.041 min
 Lab File: VN080381.D
 Acq: 06 Dec 2023 13:13

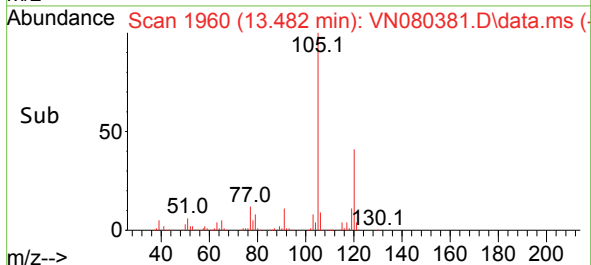
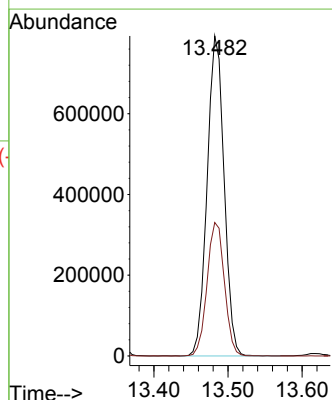
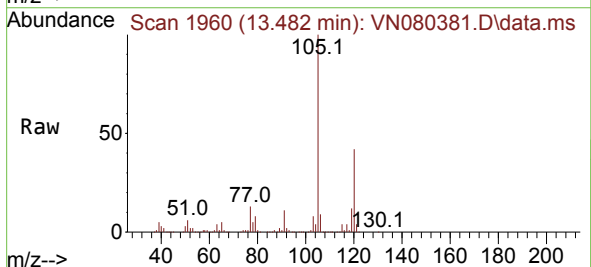
Instrument :
 MSVOA_N
 ClientSampleId :

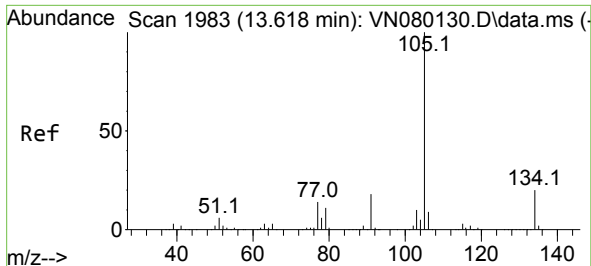
Tgt Ion:119 Resp: 149431
 Ion Ratio Lower Upper
 119 100
 91 108.6 33.9 101.7#
 134 0.0 13.2 39.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 107.125 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN080381.D
 Acq: 06 Dec 2023 13:13

Tgt Ion:105 Resp: 1259384
 Ion Ratio Lower Upper
 105 100
 120 42.7 22.0 66.0

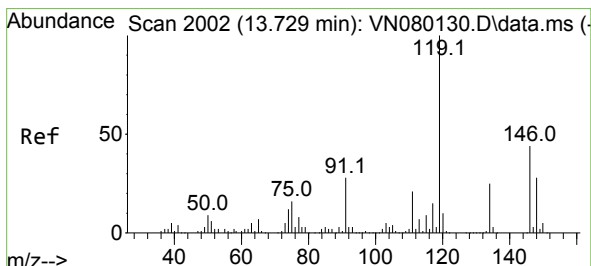
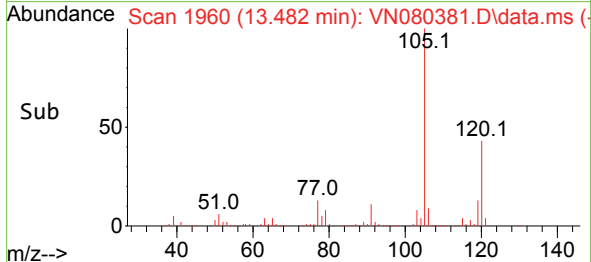
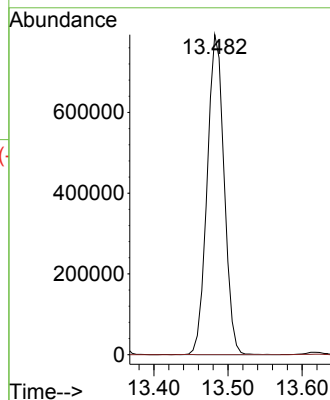
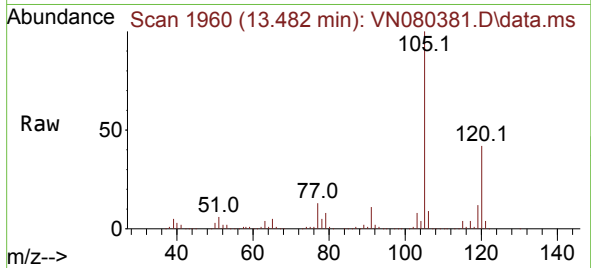




#85
 sec-Butylbenzene
 Concen: 103.980 ug/l
 RT: 13.482 min Scan# 1983
 Delta R.T. -0.135 min
 Lab File: VN080381.D
 Acq: 06 Dec 2023 13:13

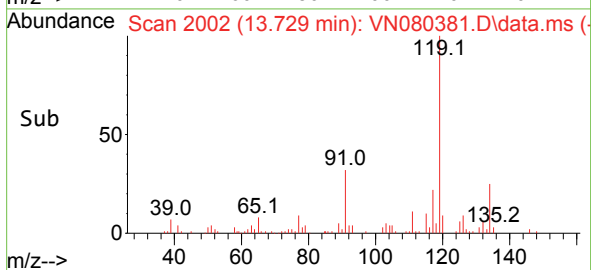
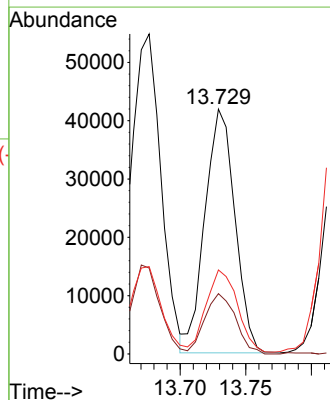
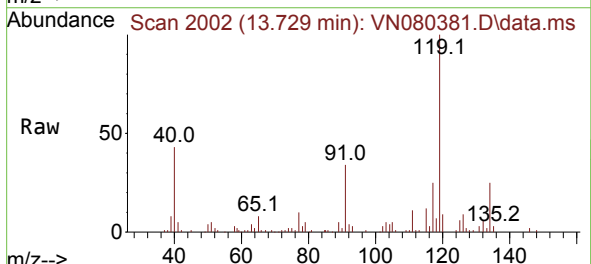
Instrument :
 MSVOA_N
 ClientSampleId :

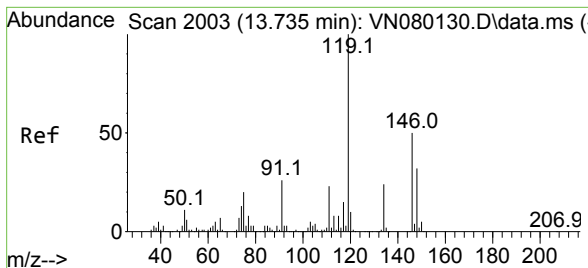
Tgt Ion:105 Resp: 1259384
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 6.160 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080381.D
 Acq: 06 Dec 2023 13:13

Tgt Ion:119 Resp: 66650
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 0.0 12.4 37.2#





#87

1,3-Dichlorobenzene

Concen: 0.292 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN080381.D

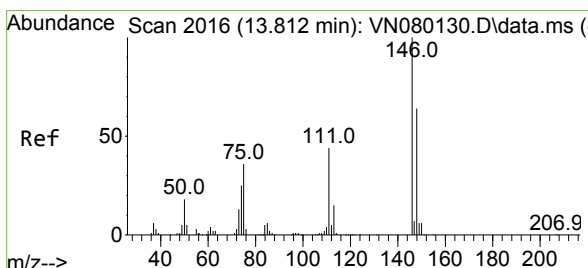
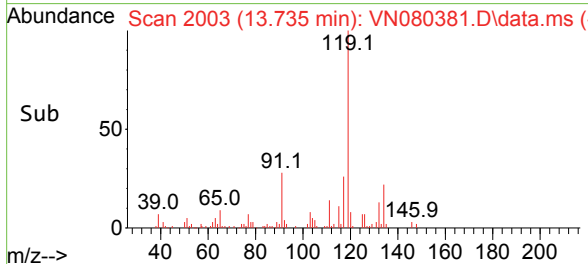
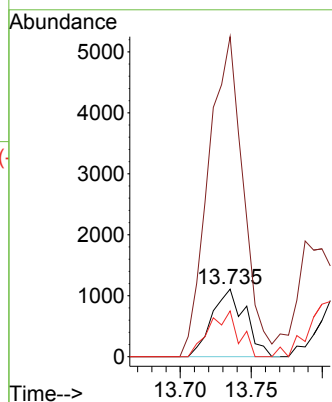
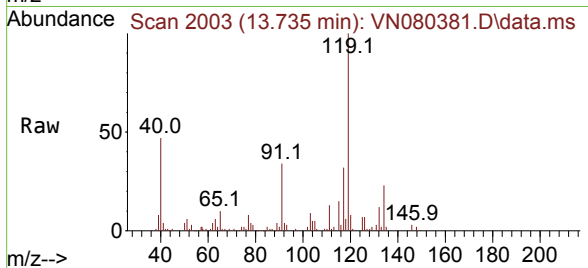
Acq: 06 Dec 2023 13:13

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	146	Resp:	1821
Ion	Ratio	Lower	Upper
146	100		
111	489.9	22.1	66.3#
148	59.7	32.0	96.0



#88

1,4-Dichlorobenzene

Concen: 0.407 ug/l

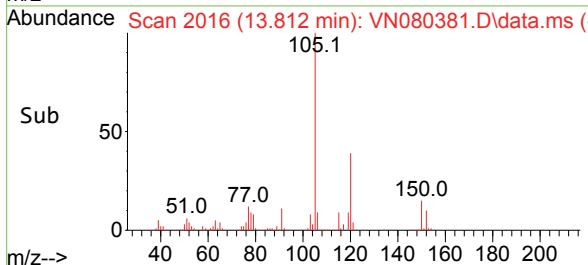
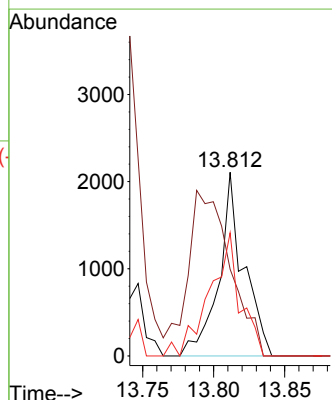
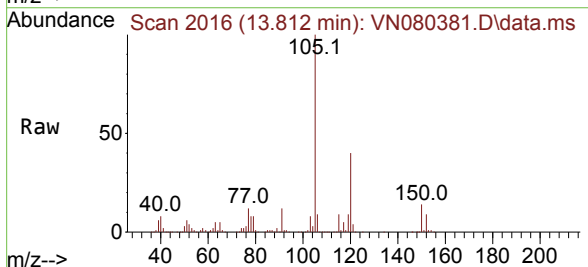
RT: 13.812 min Scan# 2016

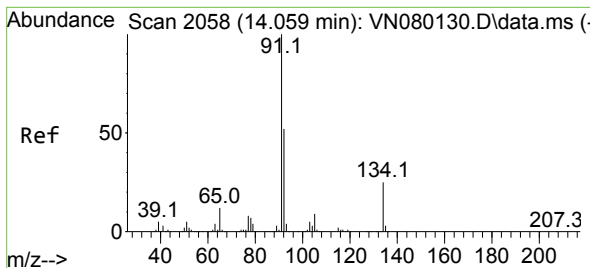
Delta R.T. -0.000 min

Lab File: VN080381.D

Acq: 06 Dec 2023 13:13

Tgt Ion:	146	Resp:	2551
Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.6	61.8#
148	82.4	31.6	94.8





#89

n-Butylbenzene

Concen: 165.169 ug/l

RT: 13.994 min Scan# 2058

Delta R.T. -0.065 min

Lab File: VN080381.D

Acq: 06 Dec 2023 13:13

Instrument :

MSVOA_N

ClientSampleId :

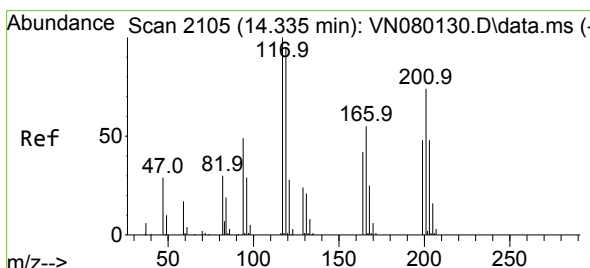
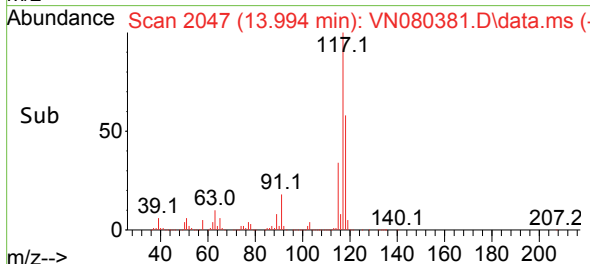
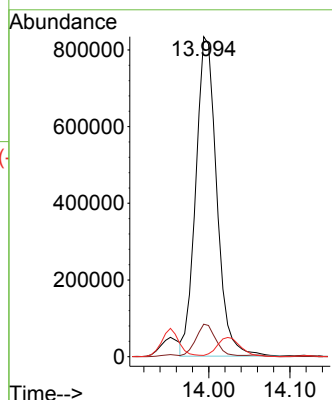
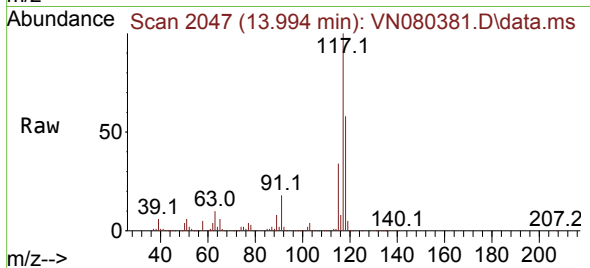
Tgt Ion: 91 Resp: 1495758

Ion Ratio Lower Upper

91 100

92 9.9 26.4 79.0#

134 0.0 12.6 37.6#



#90

Hexachloroethane

Concen: 28.373 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN080381.D

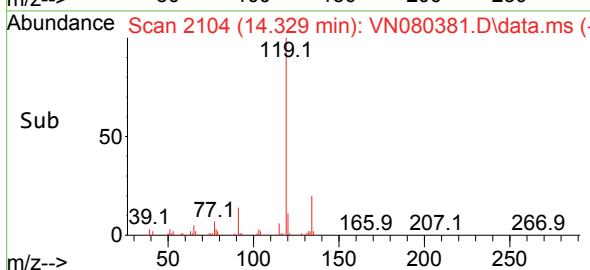
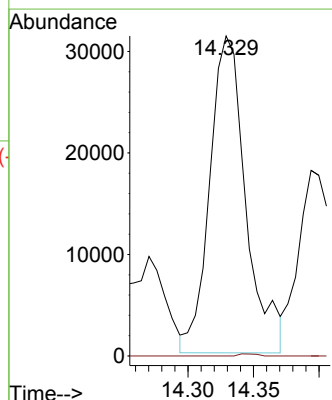
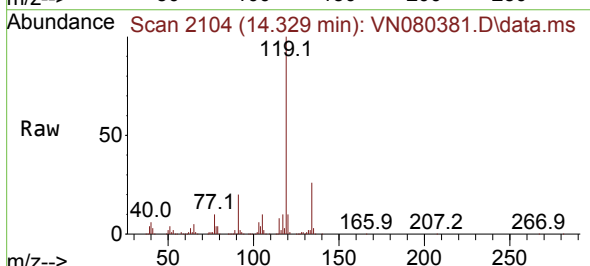
Acq: 06 Dec 2023 13:13

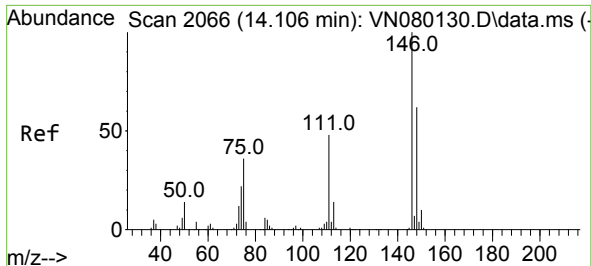
Tgt Ion: 117 Resp: 59846

Ion Ratio Lower Upper

117 100

201 0.3 29.3 88.0#





#91

1,2-Dichlorobenzene

Concen: 0.296 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN080381.D

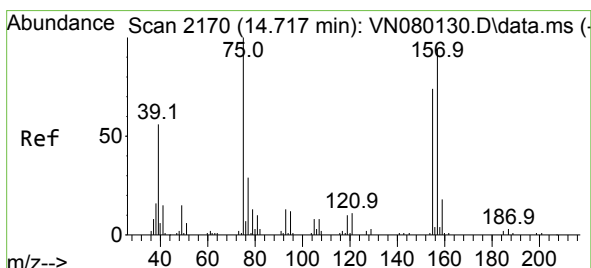
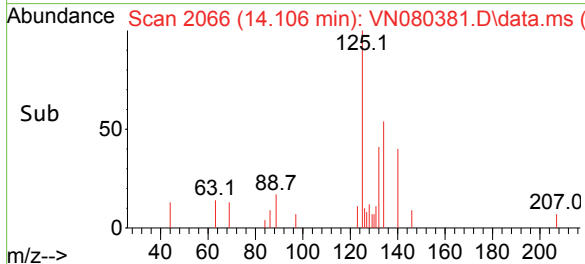
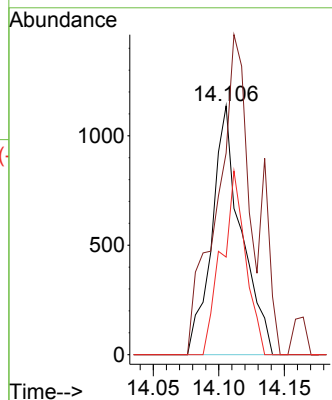
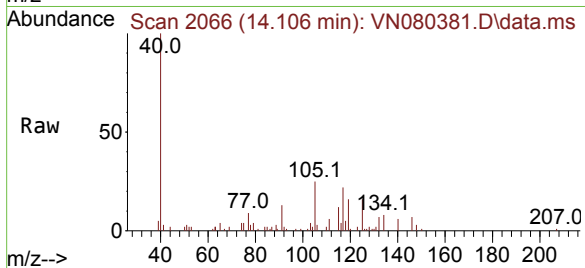
Acq: 06 Dec 2023 13:13

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:146	Resp:	1764
Ion	Ratio	Lower Upper
146	100	
111	158.6	22.0 66.0#
148	60.4	31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.769 ug/l

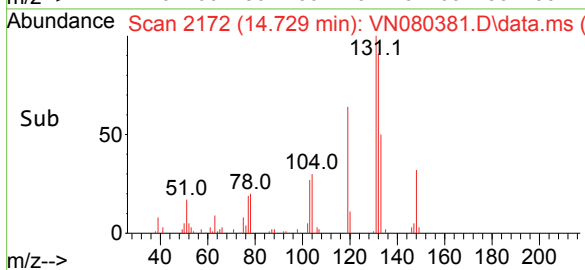
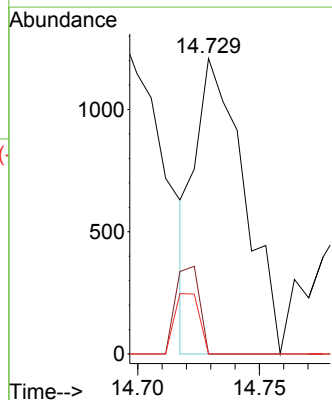
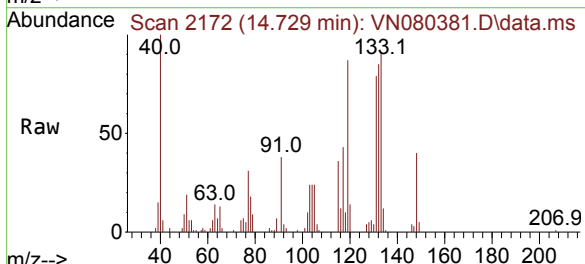
RT: 14.729 min Scan# 2172

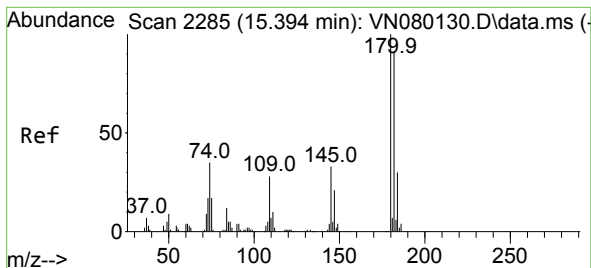
Delta R.T. 0.012 min

Lab File: VN080381.D

Acq: 06 Dec 2023 13:13

Tgt Ion: 75	Resp:	1687
Ion	Ratio	Lower Upper
75	100	
155	14.6	39.1 117.2#
157	10.3	50.3 150.9#





#93

1,2,4-Trichlorobenzene

Concen: 1.247 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.006 min

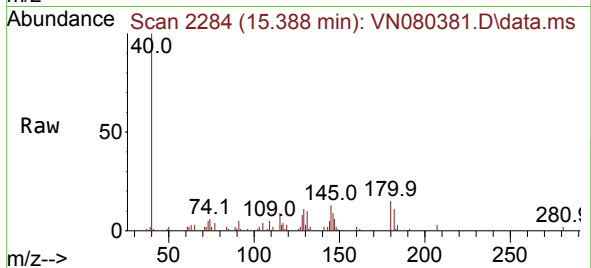
Lab File: VN080381.D

Acq: 06 Dec 2023 13:13

Instrument :

MSVOA_N

ClientSampleId :



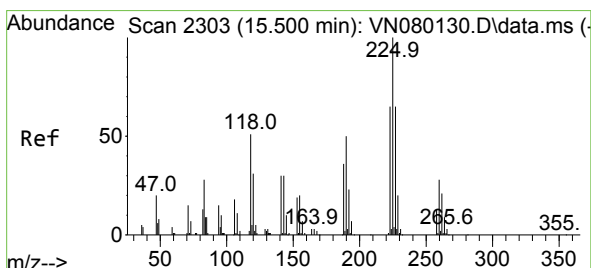
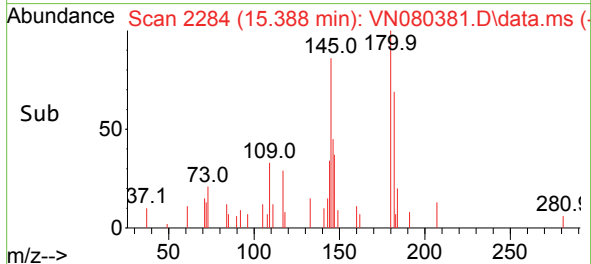
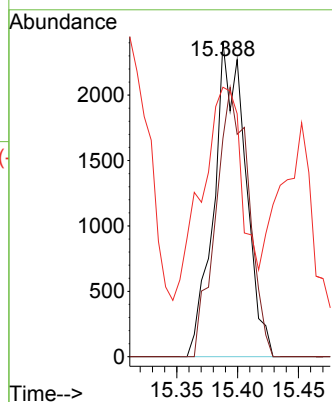
Tgt Ion:180 Resp: 4324

Ion Ratio Lower Upper

180 100

182 89.6 46.1 138.2

145 86.3 16.6 49.8#



#94

Hexachlorobutadiene

Concen: 0.833 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080381.D

Acq: 06 Dec 2023 13:13

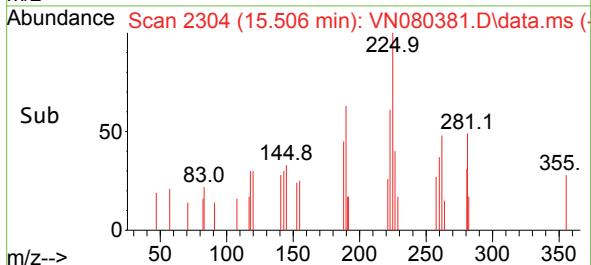
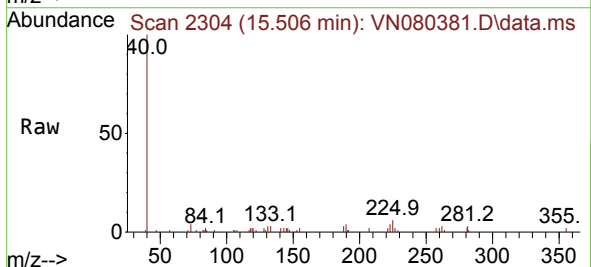
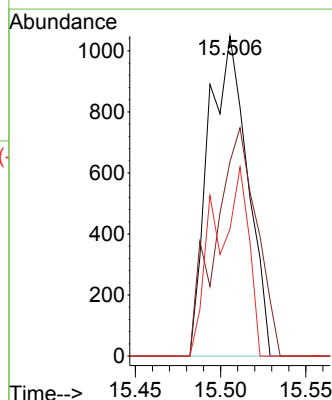
Tgt Ion:225 Resp: 1662

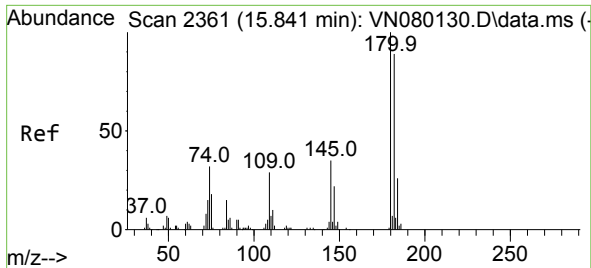
Ion Ratio Lower Upper

225 100

223 75.8 31.3 93.8

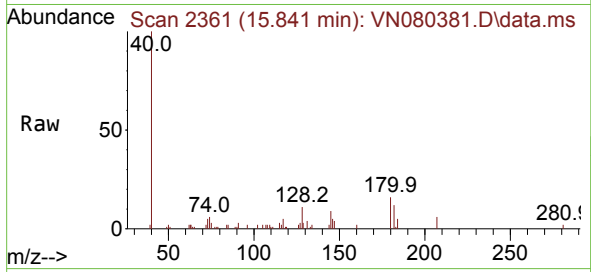
227 51.3 31.9 95.9





#96
 1,2,3-Trichlorobenzene
 Concen: 1.423 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN080381.D
 Acq: 06 Dec 2023 13:13

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.8	46.2	138.6
145	0.0	17.5	52.6

