

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080172.D
 Acq On : 17 Nov 2023 18:52
 Operator : JC\MD
 Sample : 05462-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 18 02:36:28 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	8.230	168	173468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	330164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	363920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	158075	55.189	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.380%			
35) Dibromofluoromethane	8.171	113	122446	50.262	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.520%			
50) Toluene-d8	10.571	98	447306	50.935	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.860%			
62) 4-Bromofluorobenzene	12.853	95	185955	56.060	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.120%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	477	0.246	ug/l #	42
6) Chloroethane	3.124	64	382	Below Cal	#	43
11) Tert butyl alcohol	5.518	59	1833	5.819	ug/l #	72
16) Acetone	4.436	43	58197	60.494	ug/l	95
17) Carbon Disulfide	4.718	76	4948	0.904	ug/l #	75
18) Methyl Acetate	5.030	43	3337	1.080	ug/l #	75
20) Methylene Chloride	5.277	84	55180	27.390	ug/l	93
25) 2-Butanone	7.500	43	9906	8.667	ug/l #	87
31) Cyclohexane	8.236	56	6160	1.978	ug/l #	37
36) 1,1-Dichloropropene	8.224	75	14114	4.002	ug/l #	48
37) Ethyl Acetate	7.565	43	3756	1.535	ug/l #	80
38) Carbon Tetrachloride	8.230	117	20530	4.587	ug/l #	16
39) Methylcyclohexane	9.612	83	1551	0.456	ug/l #	50
40) Benzene	8.612	78	473211	47.206	ug/l	100
43) Isopropyl Acetate	8.694	43	139913	29.388	ug/l #	84
47) Bromodichloromethane	9.612	83	883	0.228	ug/l #	26
48) Methyl methacrylate	9.665	41	4400	1.793	ug/l #	34
49) 1,4-Dioxane	9.741	88	109	2.671	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	37946	15.395	ug/l	94
52) Toluene	10.635	92	278630	44.414	ug/l	100
53) t-1,3-Dichloropropene	10.730	75	1267	0.318	ug/l #	42
54) cis-1,3-Dichloropropene	10.365	75	45439	11.160	ug/l #	66
55) 1,1,2-Trichloroethane	10.888	97	1780	0.743	ug/l #	16
57) 1,3-Dichloropropane	11.206	76	5310	1.270	ug/l #	42
59) 2-Hexanone	11.171	43	86245	43.544	ug/l #	19
67) Ethyl Benzene	11.965	91	55292	3.768	ug/l	89
68) m/p-Xylenes	12.071	106	82919	15.499	ug/l	87
69) o-Xylene	12.400	106	43699	8.667	ug/l	86
70) Styrene	12.418	104	12857	1.713	ug/l #	38
71) Bromoform	12.847	173	812	0.342	ug/l #	1
73) Isopropylbenzene	12.694	105	2749	0.202	ug/l	92
74) N-amyl acetate	12.459	43	6241	1.470	ug/l #	38
76) 1,2,3-Trichloropropane	12.853	75	105974	24.682	ug/l #	1
78) n-propylbenzene	13.035	91	3921	0.258	ug/l	86
79) 2-Chlorotoluene	13.094	91	2029	0.205	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.171	105	7530	0.635	ug/l	99

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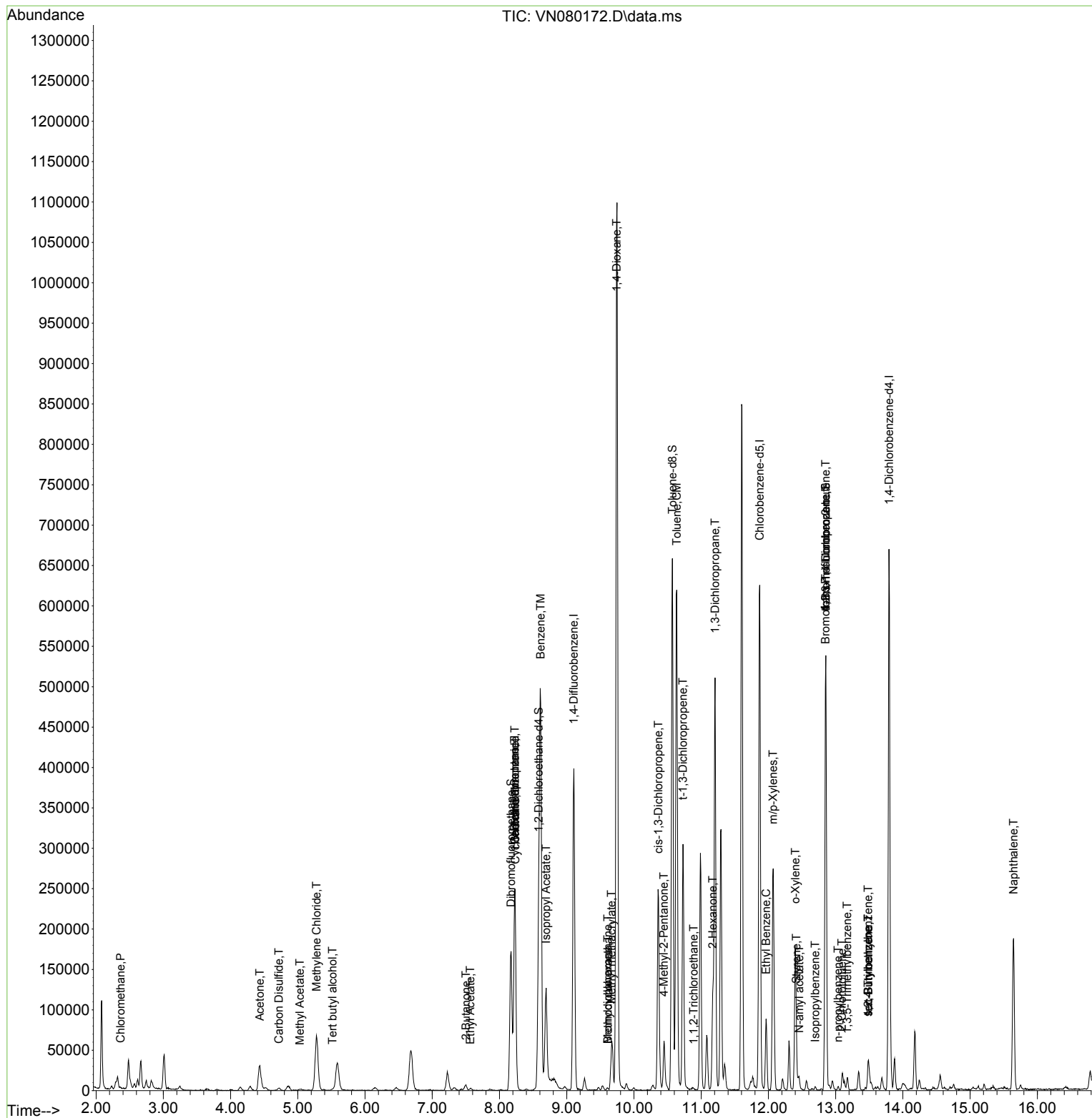
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-b...	12.853	75	105974	83.391	ug/l #	15
83) tert-Butylbenzene	13.488	119	2331	0.245	ug/l #	57
84) 1,2,4-Trimethylbenzene	13.482	105	23581	2.020	ug/l	90
85) sec-Butylbenzene	13.482	105	23581	1.961	ug/l #	57
95) Naphthalene	15.647	128	174115	17.442	ug/l	99

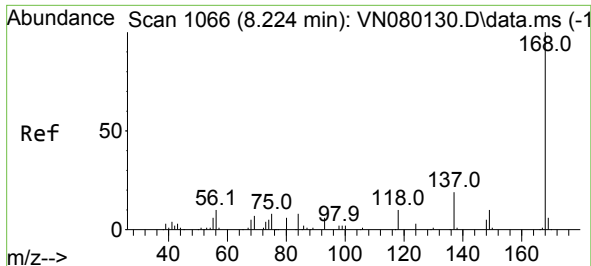
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

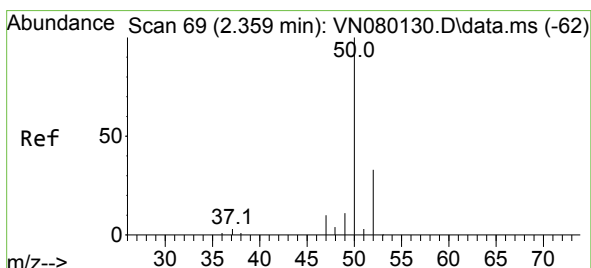
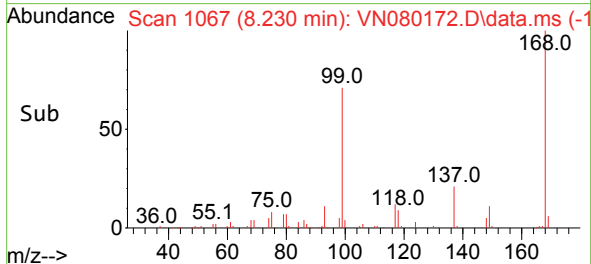
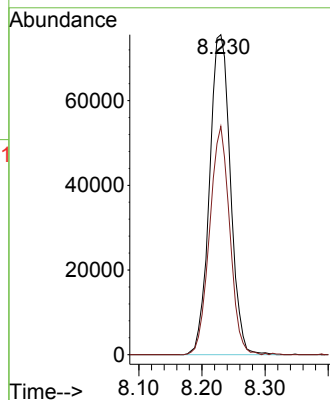
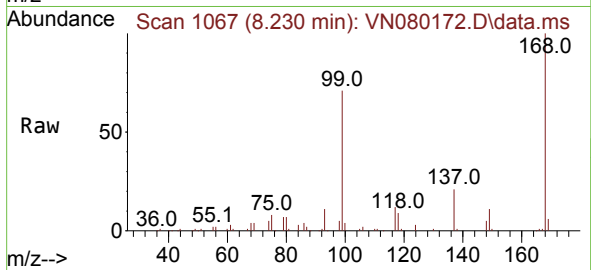




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

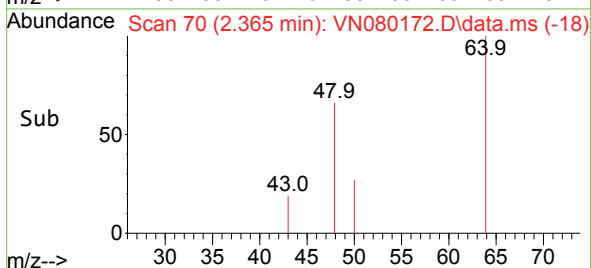
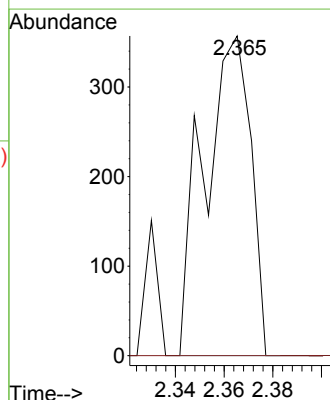
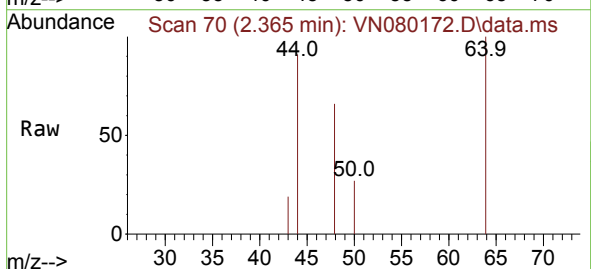
Instrument :
MSVOA_N
ClientSampleId :

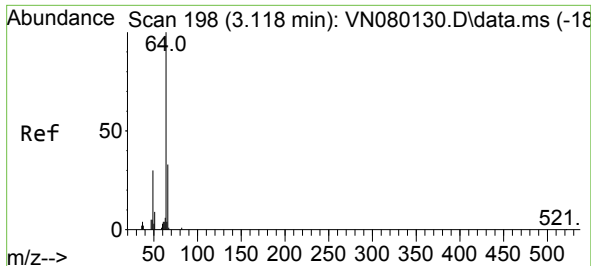
Tgt Ion:168 Resp: 173468
Ion Ratio Lower Upper
168 100
99 71.4 53.0 79.6



#3
Chloromethane
Concen: 0.246 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion: 50 Resp: 477
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

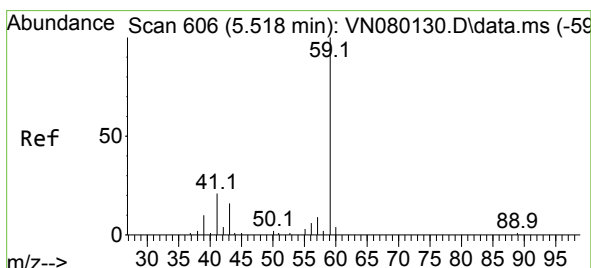
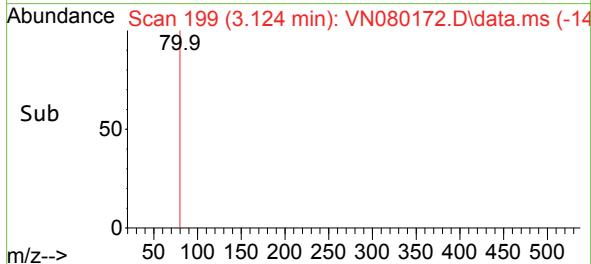
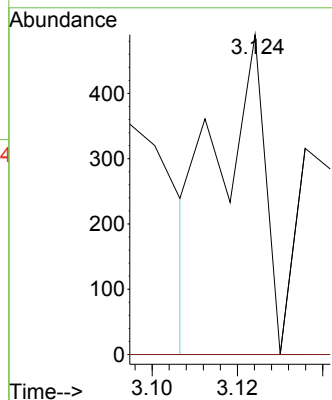
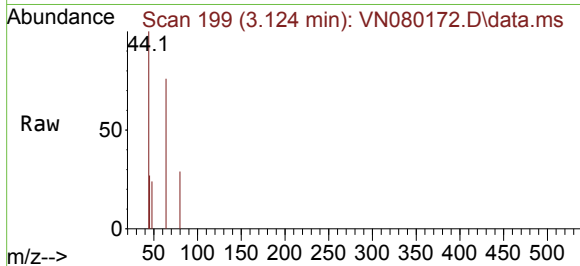




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 19
Delta R.T. 0.006 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

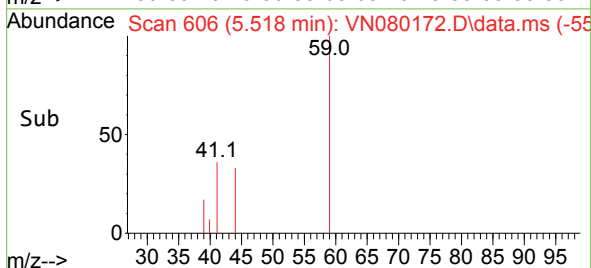
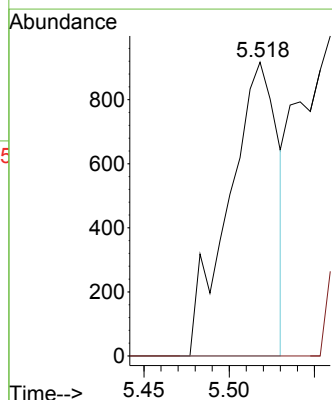
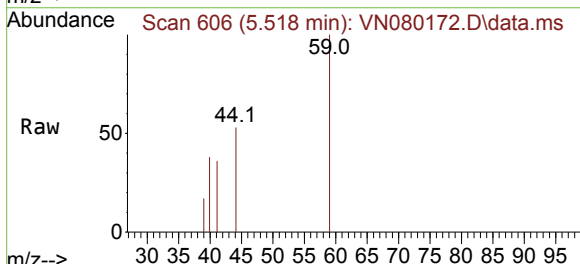
Instrument :
MSVOA_N
ClientSampleId :

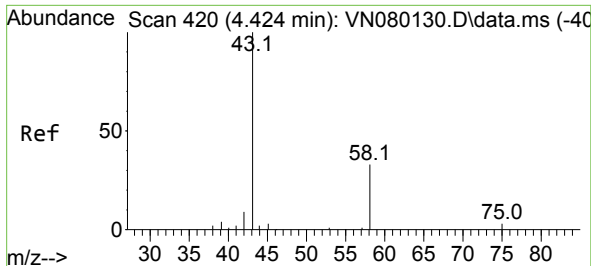
Tgt Ion: 64 Resp: 382
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 5.819 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion: 59 Resp: 1833
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

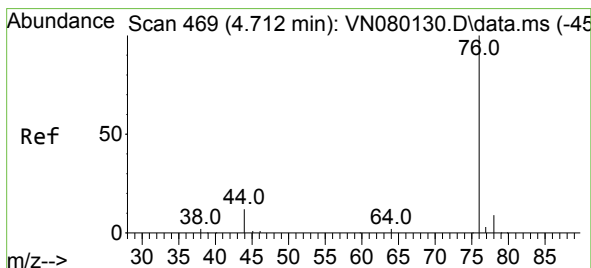
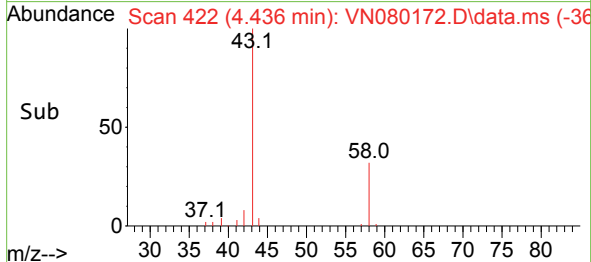
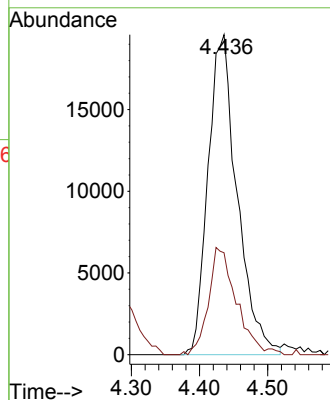
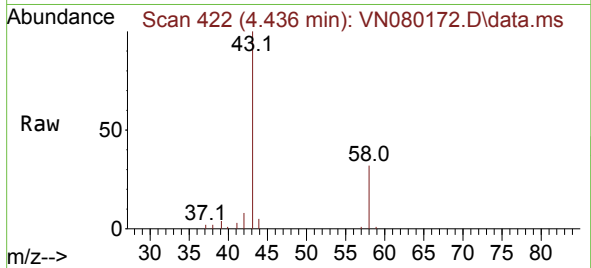




#16
Acetone
Concen: 60.494 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

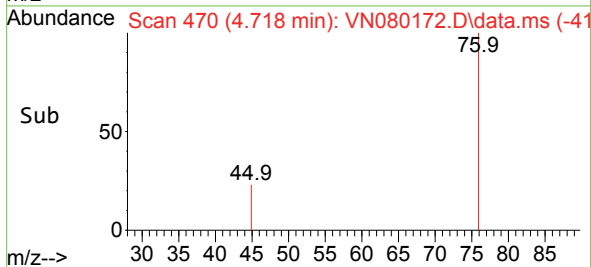
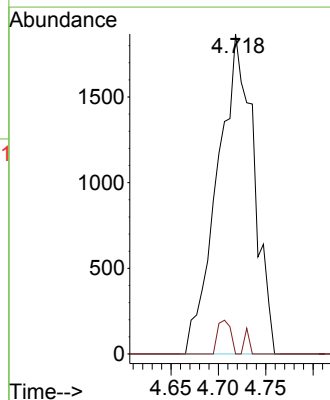
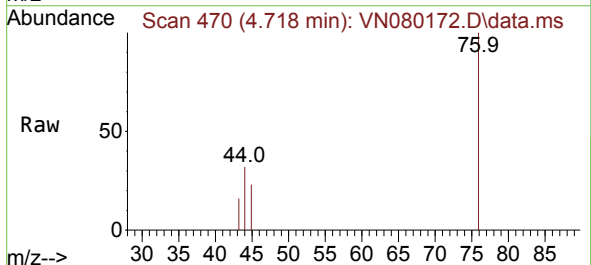
Instrument :
MSVOA_N
ClientSampleId :

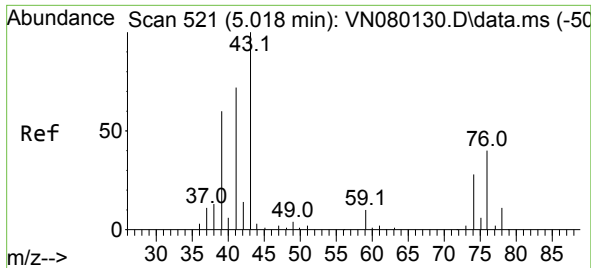
Tgt Ion: 43 Resp: 58197
Ion Ratio Lower Upper
43 100
58 31.8 28.0 42.0



#17
Carbon Disulfide
Concen: 0.904 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion: 76 Resp: 4948
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

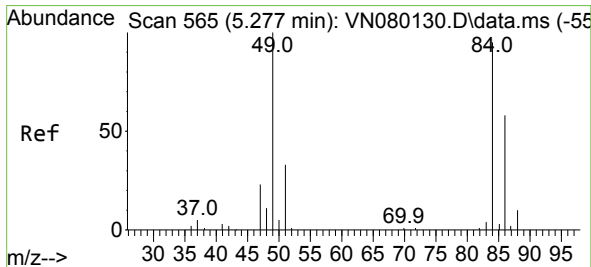
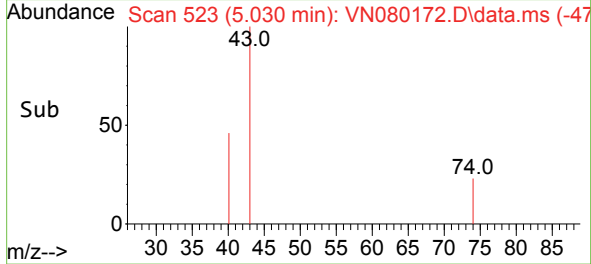
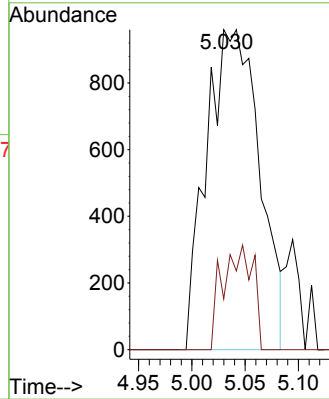
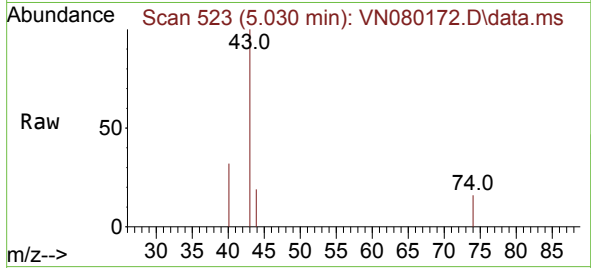




#18
Methyl Acetate
Concen: 1.080 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

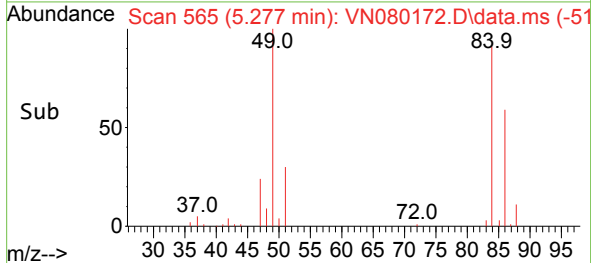
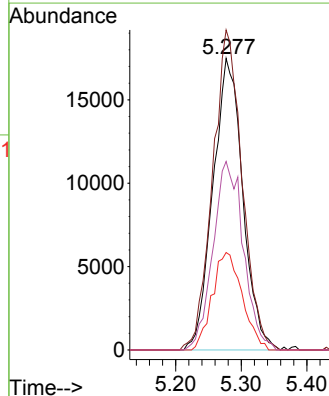
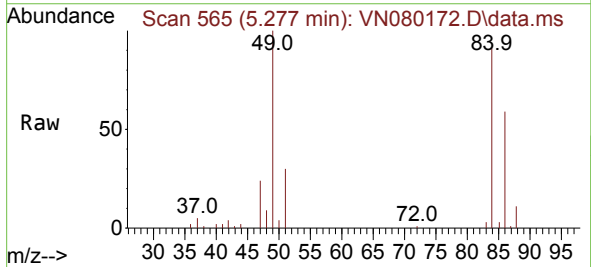
Instrument :
MSVOA_N
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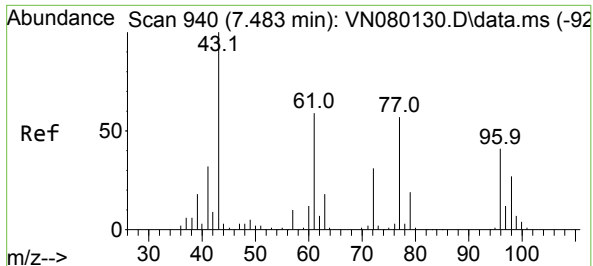
Tgt Ion: 43 Resp: 3337
Ion Ratio Lower Upper
43 100
74 18.5 26.2 39.4#



#20
Methylene Chloride
Concen: 27.390 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion: 84 Resp: 55180
Ion Ratio Lower Upper
84 100
49 109.8 79.7 119.5
51 33.4 25.2 37.8
86 64.7 53.3 79.9

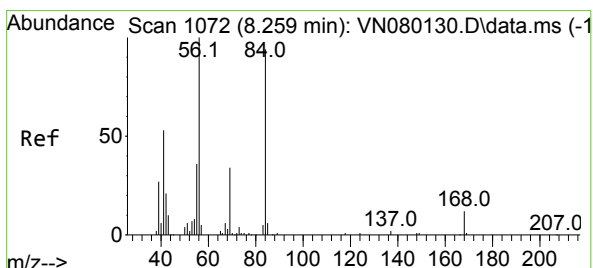
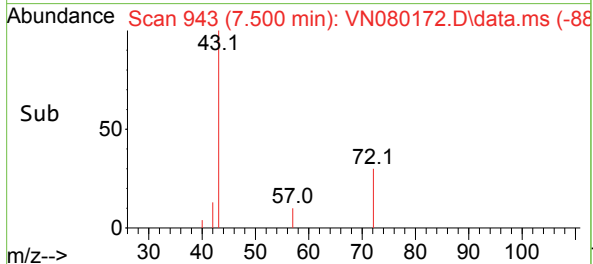
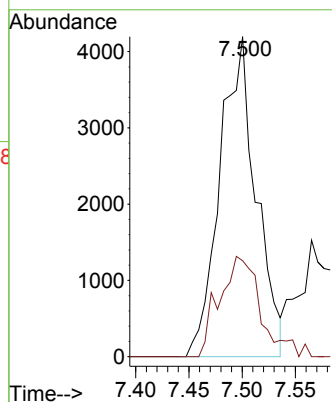
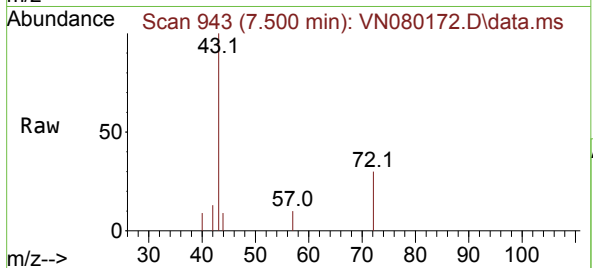




#25
2-Butanone
Concen: 8.667 ug/l
RT: 7.500 min Scan# 940
Delta R.T. 0.018 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

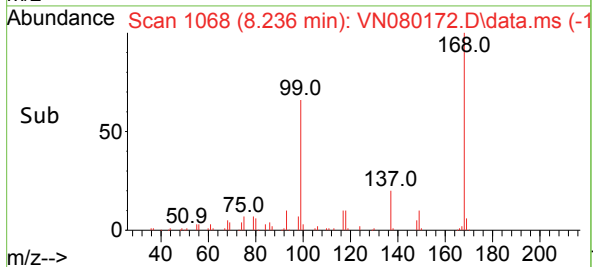
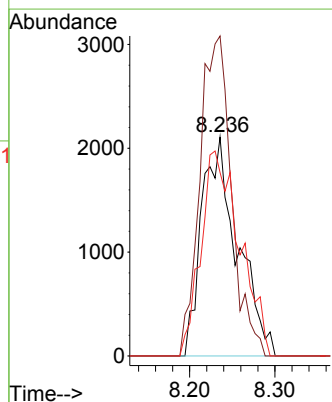
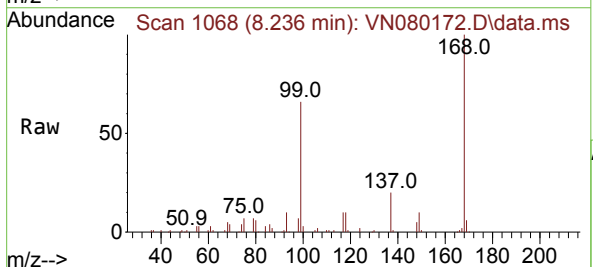
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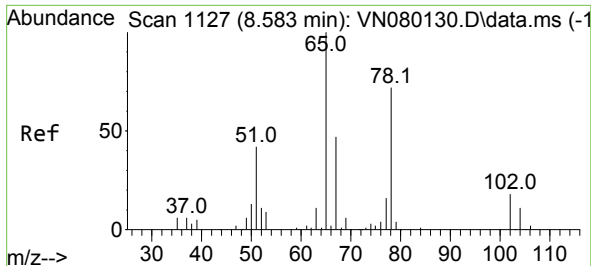
Tgt Ion: 43 Resp: 9906
Ion Ratio Lower Upper
43 100
72 30.0 30.2 45.2#



#31
Cyclohexane
Concen: 1.978 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.024 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion: 56 Resp: 6160
Ion Ratio Lower Upper
56 100
69 146.1 26.8 40.2#
84 83.8 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 55.189 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080172.D

Acq: 17 Nov 2023 18:52

Instrument :

MSVOA_N

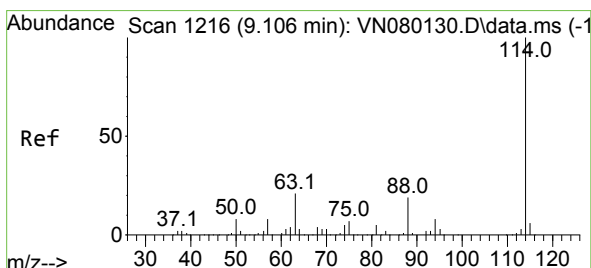
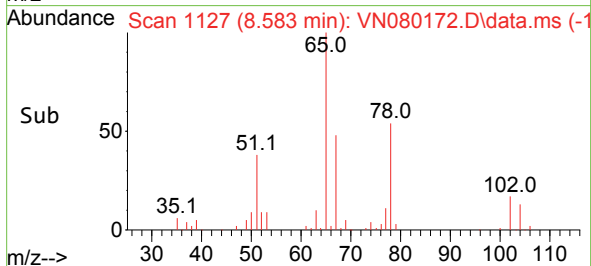
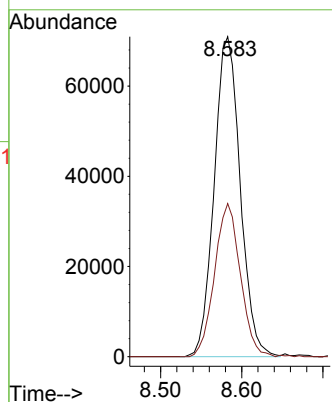
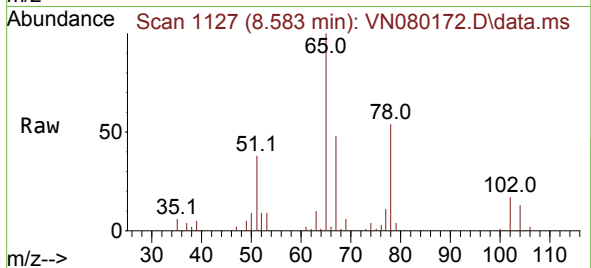
ClientSampleId :

Tgt Ion: 65 Resp: 158075

Ion Ratio Lower Upper

65 100

67 47.3 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: VN080172.D

Acq: 17 Nov 2023 18:52

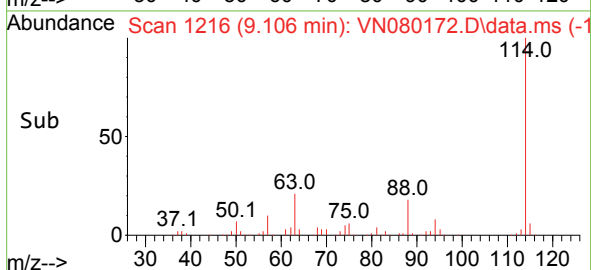
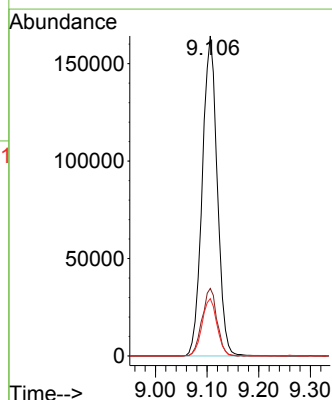
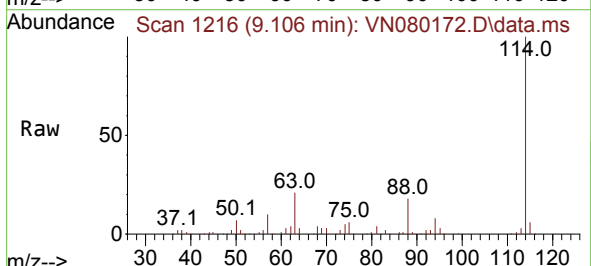
Tgt Ion: 114 Resp: 330164

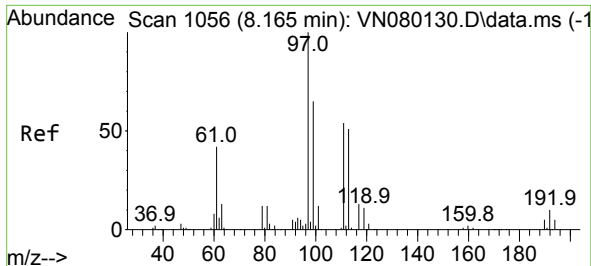
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

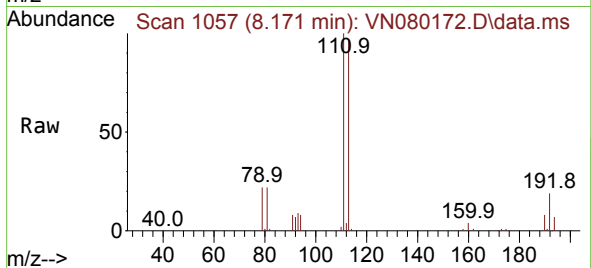
88 17.9 0.0 30.6



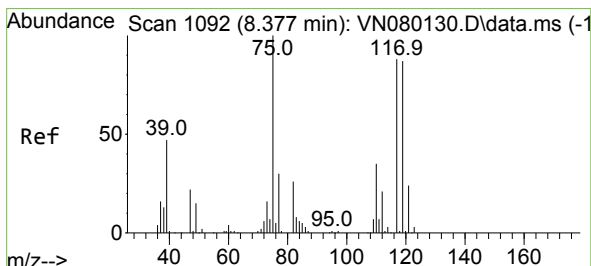
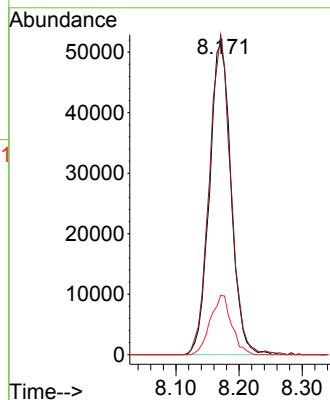
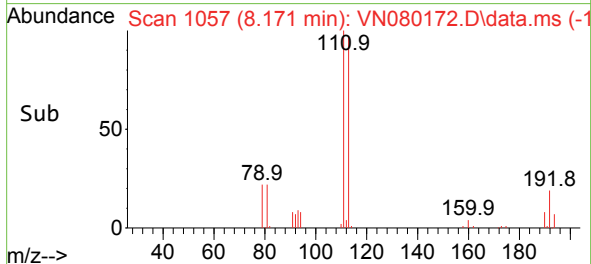


#35
Dibromofluoromethane
Concen: 50.262 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Instrument :
MSVOA_N
ClientSampleId :

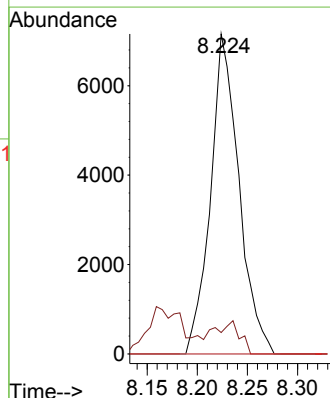
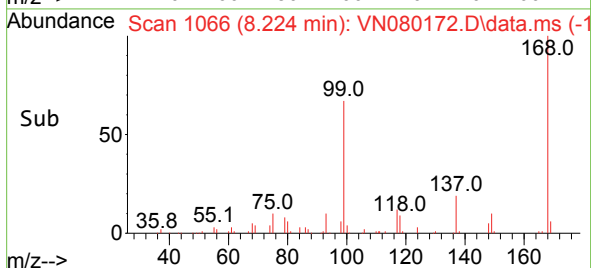
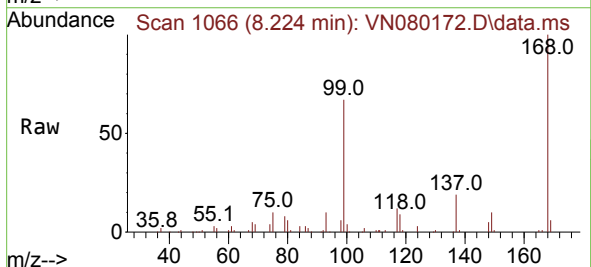


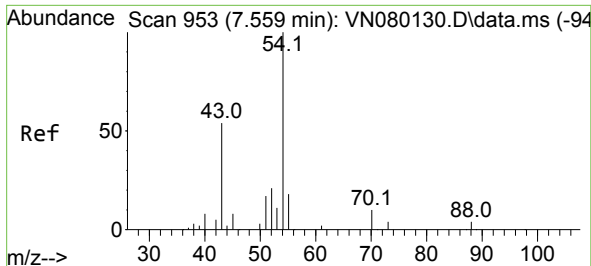
Tgt Ion:113 Resp: 122446
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 18.7 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.002 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

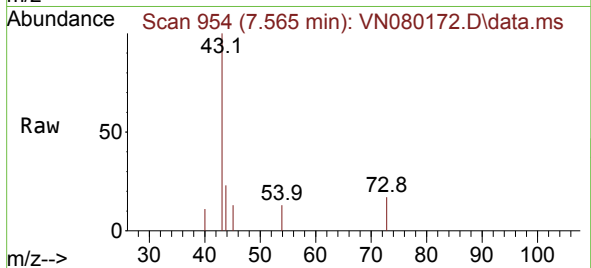
Tgt Ion: 75 Resp: 14114
Ion Ratio Lower Upper
75 100
110 9.3 19.1 57.3#
77 0.0 25.0 37.4#



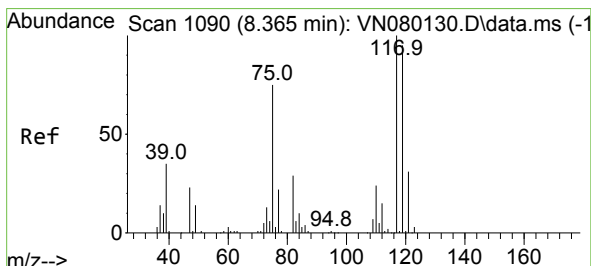
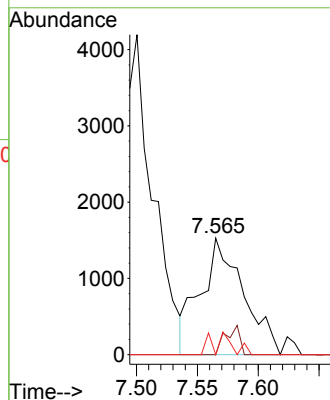
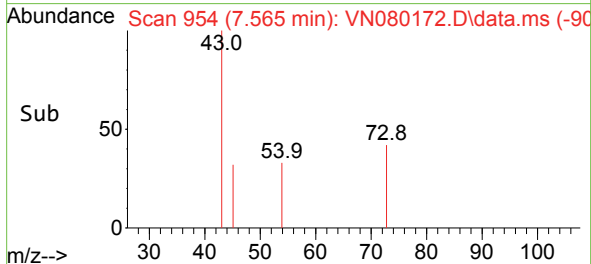


#37
Ethyl Acetate
Concen: 1.535 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Instrument :
MSVOA_N
ClientSampleId :

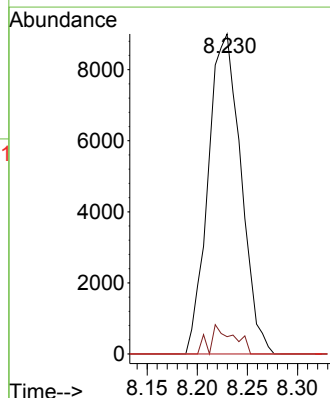
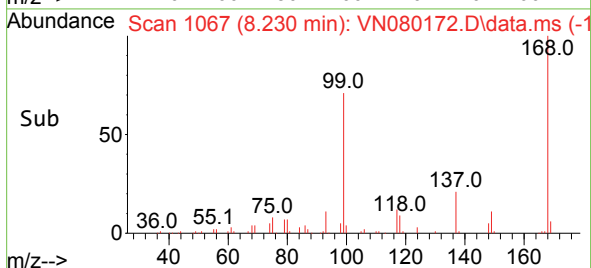
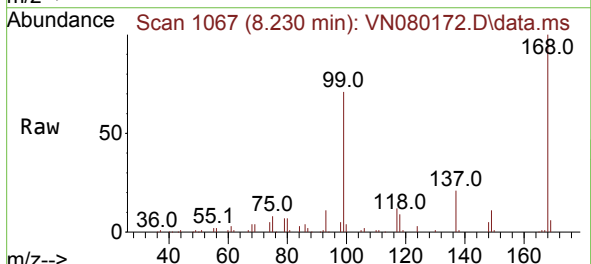


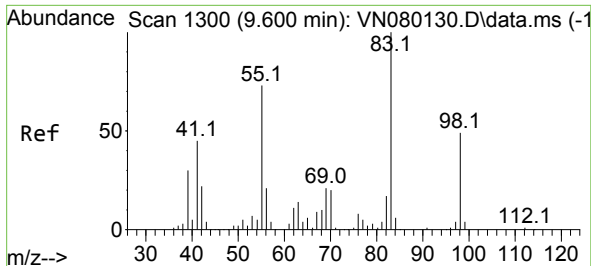
Tgt Ion: 43 Resp: 3756
Ion Ratio Lower Upper
43 100
61 8.3 13.2 19.8#
70 5.8 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 4.587 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion: 117 Resp: 20530
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 23.3 34.9#

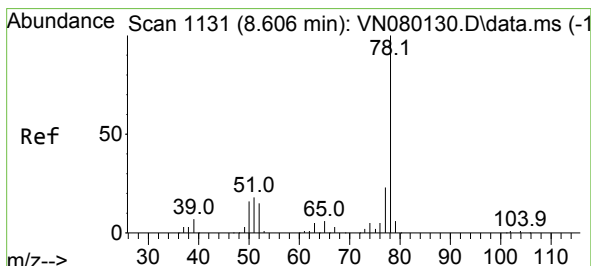
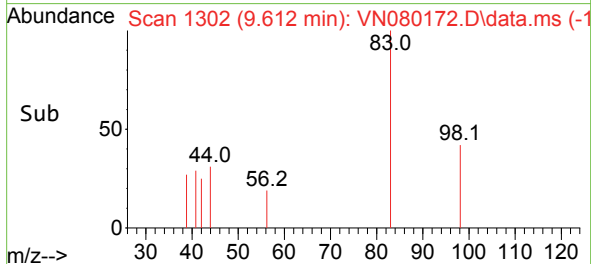
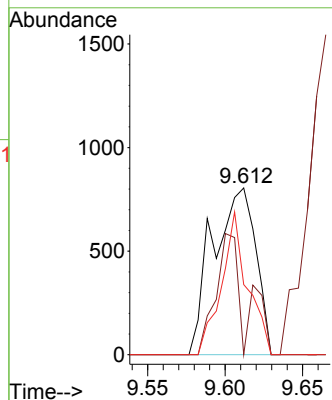
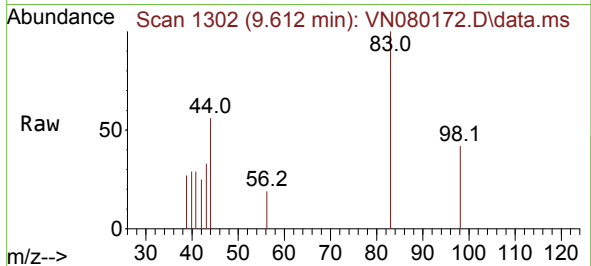




#39
Methylcyclohexane
Concen: 0.456 ug/l
RT: 9.612 min Scan# 1132
Delta R.T. 0.012 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

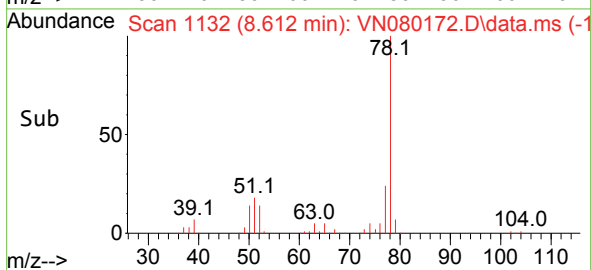
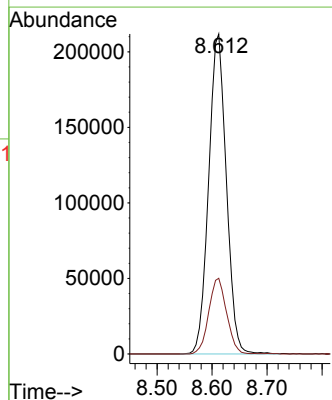
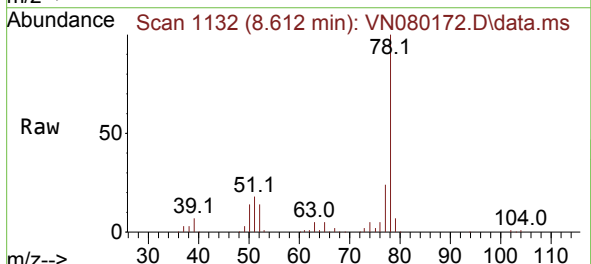
Instrument :
MSVOA_N
ClientSampleId :

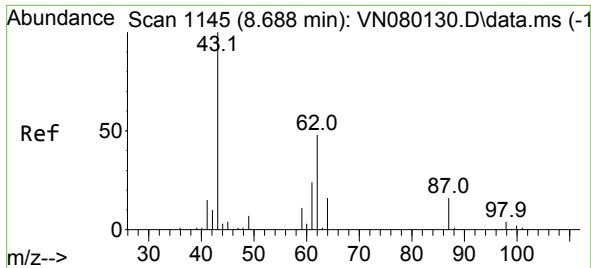
Tgt Ion: 83 Resp: 1551
Ion Ratio Lower Upper
83 100
55 0.0 49.1 73.7#
98 42.1 40.6 61.0



#40
Benzene
Concen: 47.206 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion: 78 Resp: 473211
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6

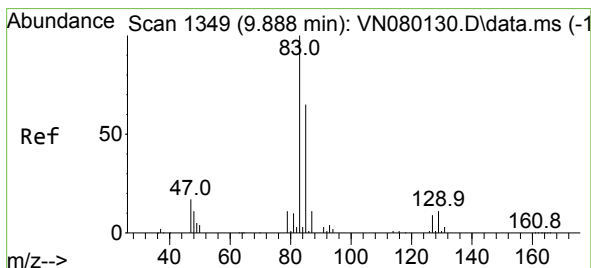
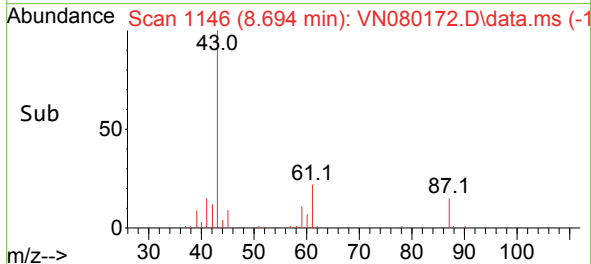
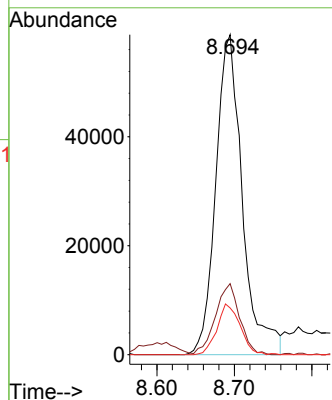
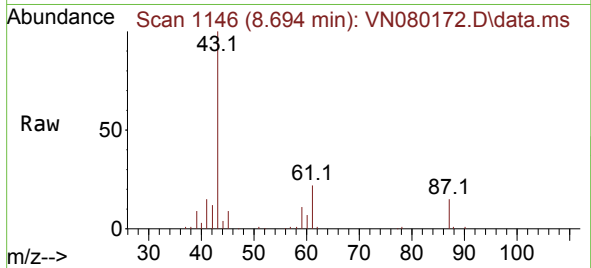




#43
Isopropyl Acetate
Concen: 29.388 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

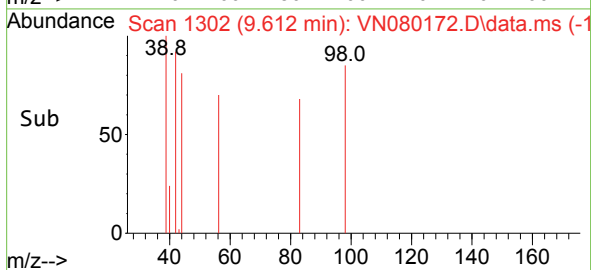
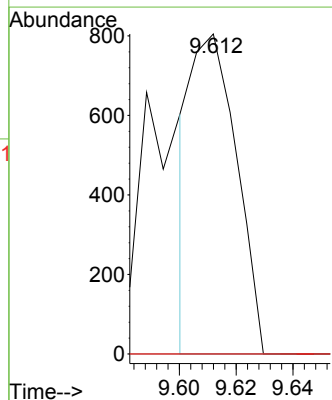
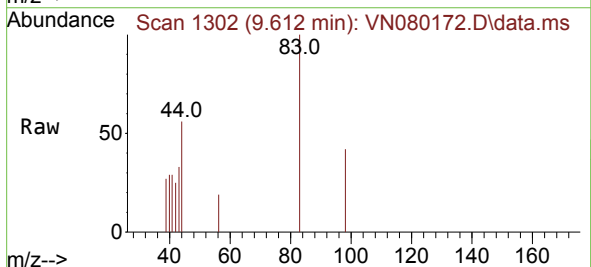
Instrument :
MSVOA_N
ClientSampleId :

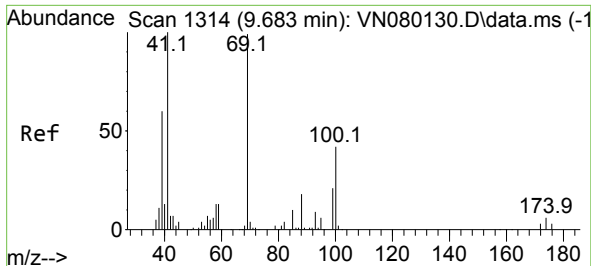
Tgt Ion: 43 Resp: 139913
Ion Ratio Lower Upper
43 100
61 20.3 24.7 37.1#
87 13.9 14.6 21.8#



#47
Bromodichloromethane
Concen: 0.228 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. -0.276 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion: 83 Resp: 883
Ion Ratio Lower Upper
83 100
85 0.0 49.6 74.4#
127 0.0 7.0 10.6#

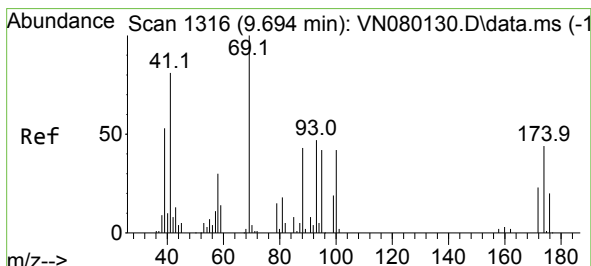
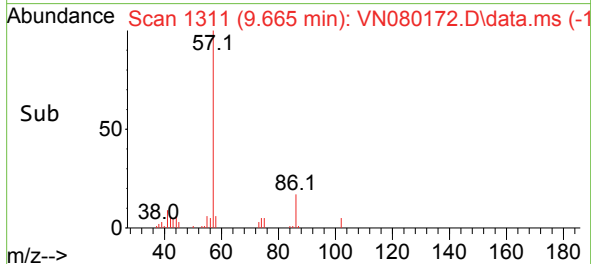
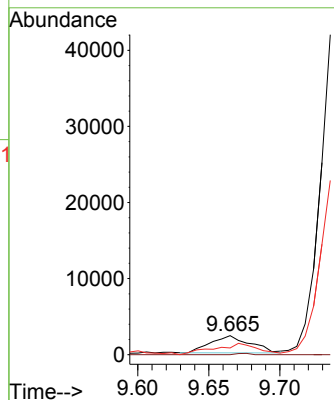
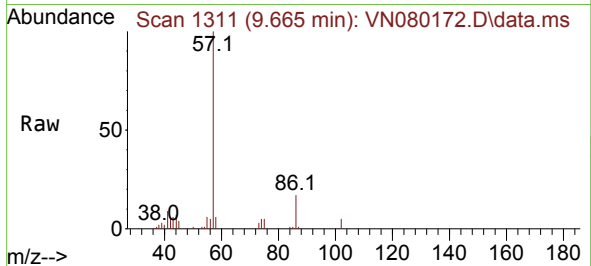




#48
Methyl methacrylate
Concen: 1.793 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

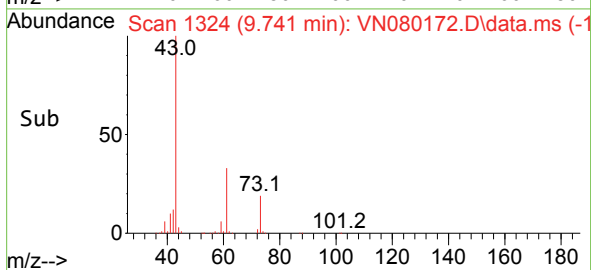
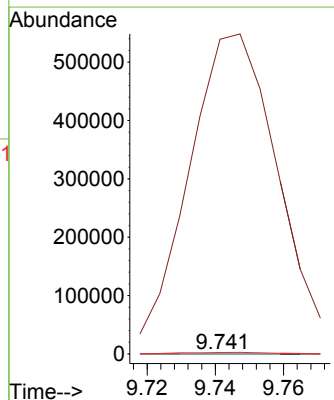
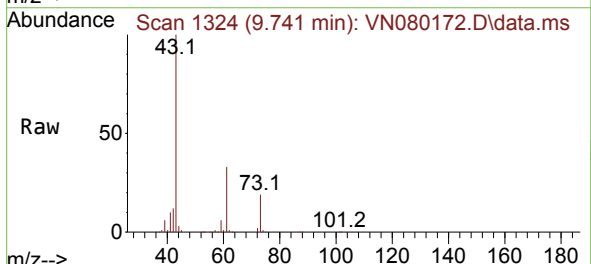
Instrument :
MSVOA_N
ClientSampleId :

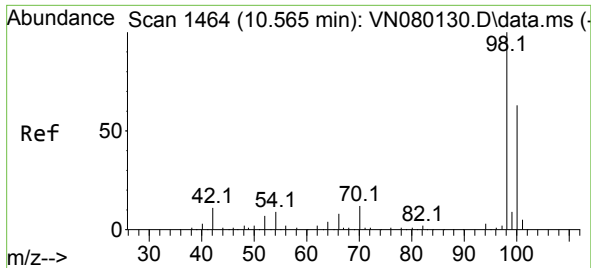
Tgt Ion: 41 Resp: 4400
Ion Ratio Lower Upper
41 100
69 2.6 90.4 135.6#
39 71.9 54.6 81.8



#49
1,4-Dioxane
Concen: 2.671 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.047 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion: 88 Resp: 109
Ion Ratio Lower Upper
88 100
43 933693.6 17.0 25.6#
58 4801.8 47.0 70.4#

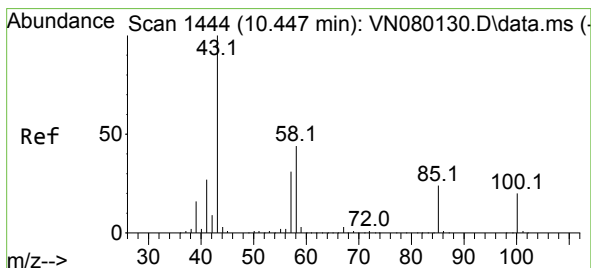
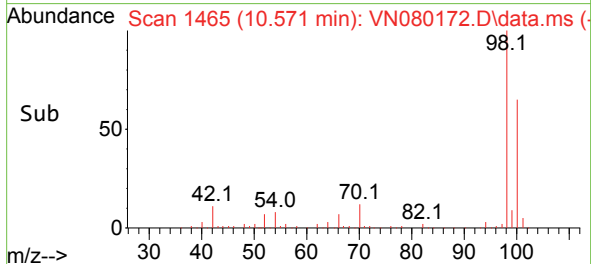
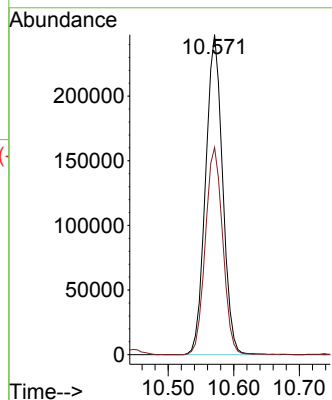
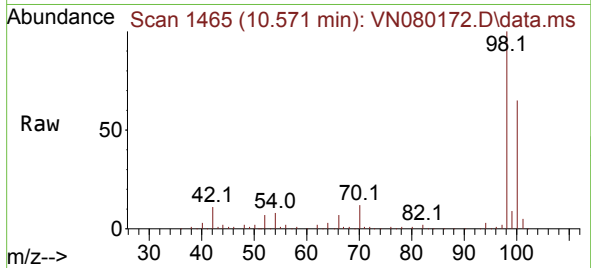




#50
Toluene-d8
Concen: 50.935 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

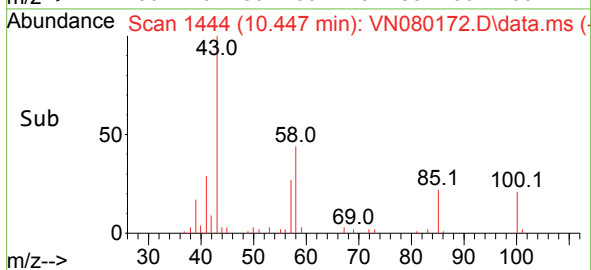
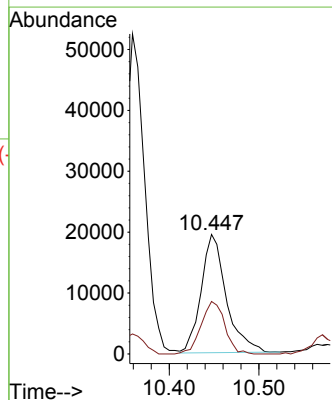
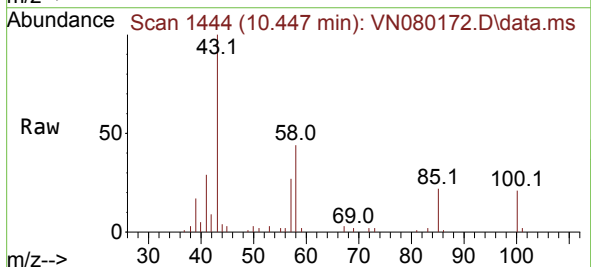
Instrument :
MSVOA_N
ClientSampleId :

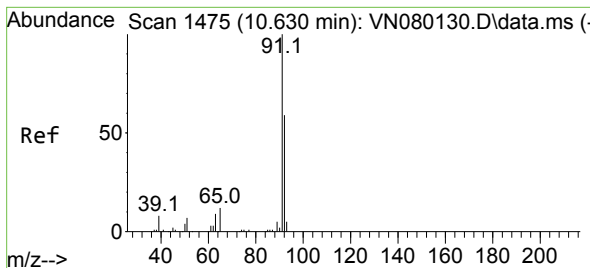
Tgt Ion: 98 Resp: 447306
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 15.395 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion: 43 Resp: 37946
Ion Ratio Lower Upper
43 100
58 41.5 36.6 54.8





#52

Toluene

Concen: 44.414 ug/l

RT: 10.635 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN080172.D

Acq: 17 Nov 2023 18:52

Instrument :

MSVOA_N

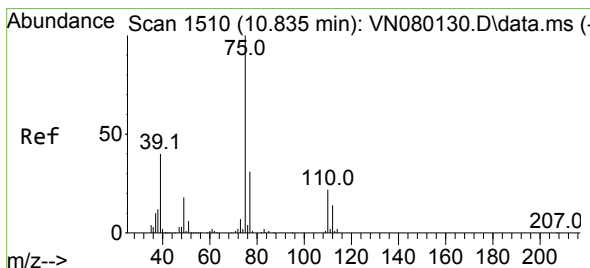
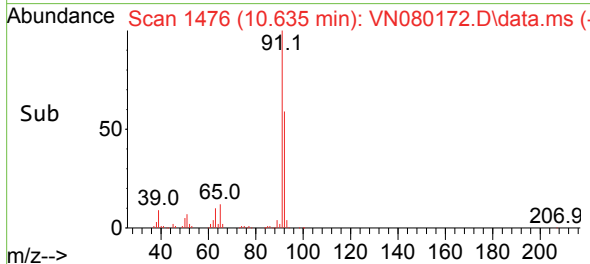
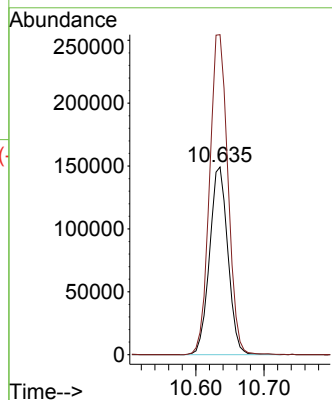
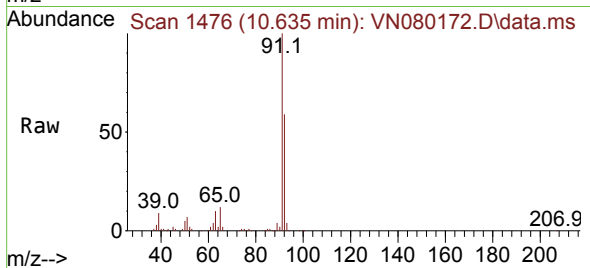
ClientSampleId :

Tgt Ion: 92 Resp: 278630

Ion Ratio Lower Upper

92 100

91 171.2 137.4 206.0



#53

t-1,3-Dichloropropene

Concen: 0.318 ug/l

RT: 10.730 min Scan# 1492

Delta R.T. -0.106 min

Lab File: VN080172.D

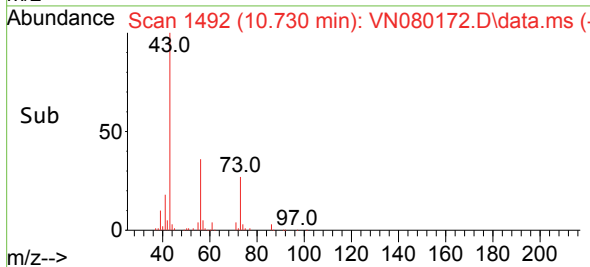
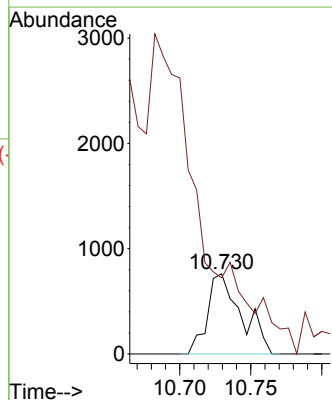
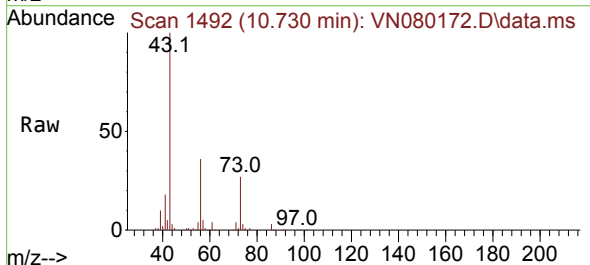
Acq: 17 Nov 2023 18:52

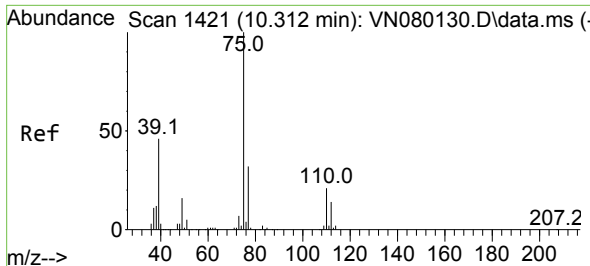
Tgt Ion: 75 Resp: 1267

Ion Ratio Lower Upper

75 100

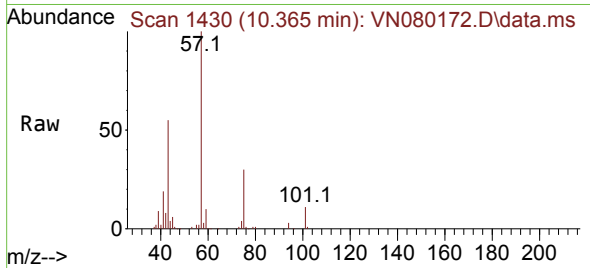
77 63.8 25.4 38.0#



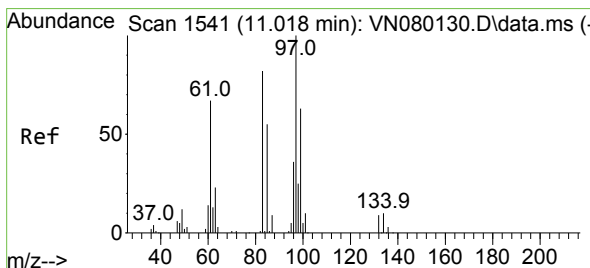
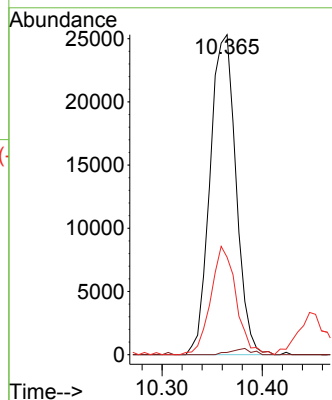
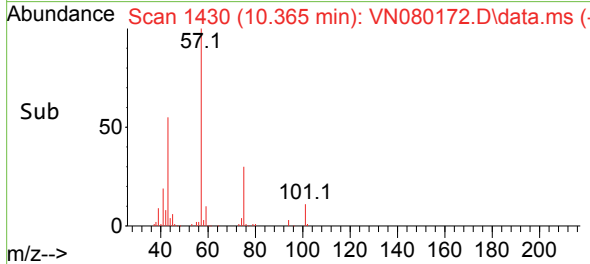


#54
 cis-1,3-Dichloropropene
 Concen: 11.160 ug/l
 RT: 10.365 min Scan# 1421
 Delta R.T. 0.053 min
 Lab File: VN080172.D
 Acq: 17 Nov 2023 18:52

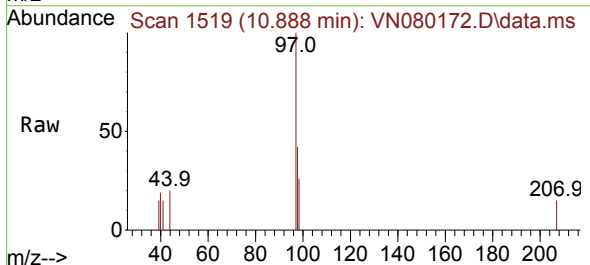
Instrument :
 MSVOA_N
 ClientSampleId :



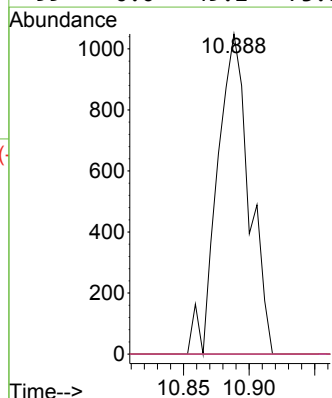
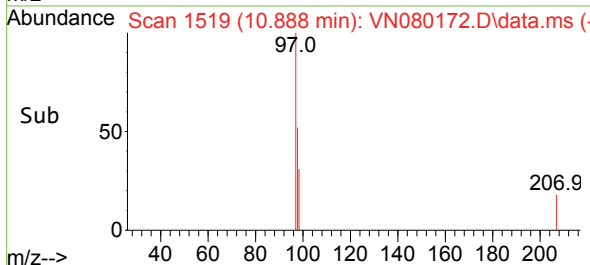
Tgt Ion: 75 Resp: 45439
 Ion Ratio Lower Upper
 75 100
 77 0.7 26.1 39.1#
 39 30.5 31.6 47.4#

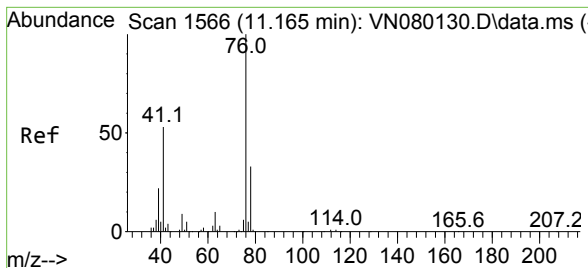


#55
 1,1,2-Trichloroethane
 Concen: 0.743 ug/l
 RT: 10.888 min Scan# 1519
 Delta R.T. -0.129 min
 Lab File: VN080172.D
 Acq: 17 Nov 2023 18:52



Tgt Ion: 97 Resp: 1780
 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#

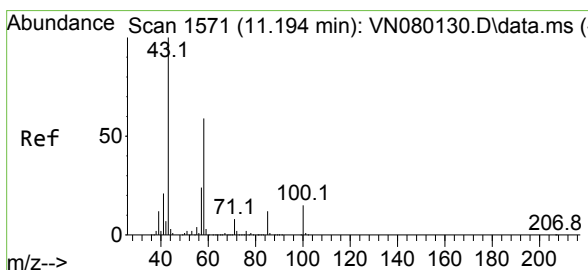
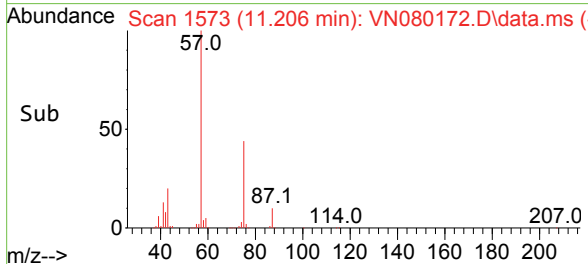
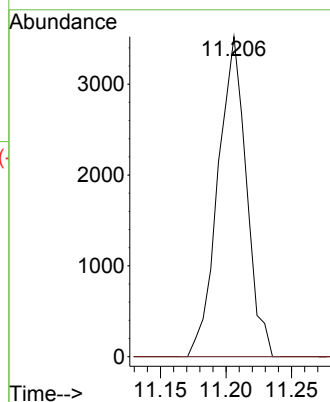
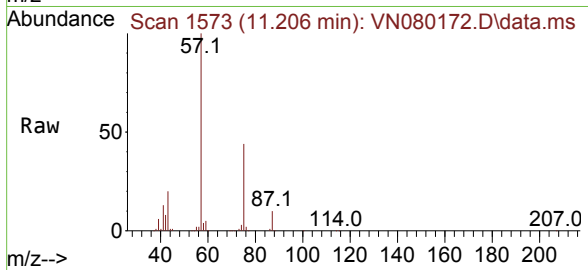




#57
1,3-Dichloropropane
Concen: 1.270 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

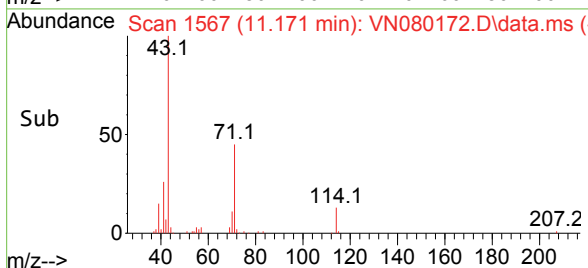
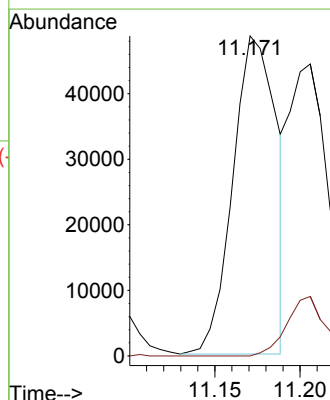
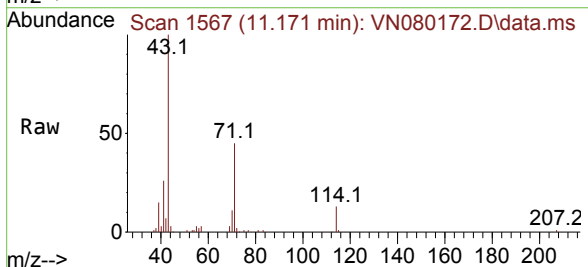
Instrument :
MSVOA_N
ClientSampleId :

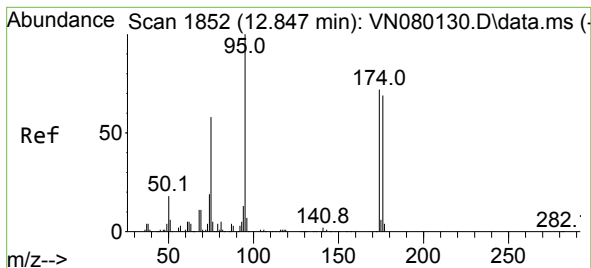
Tgt Ion: 76 Resp: 5310
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 43.544 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion: 43 Resp: 86245
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#

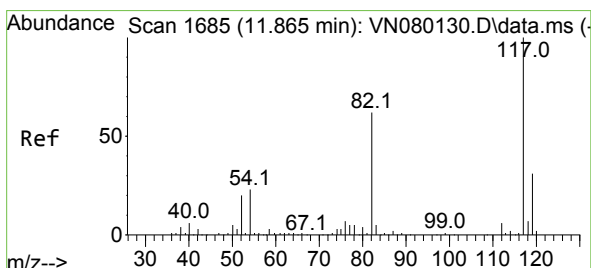
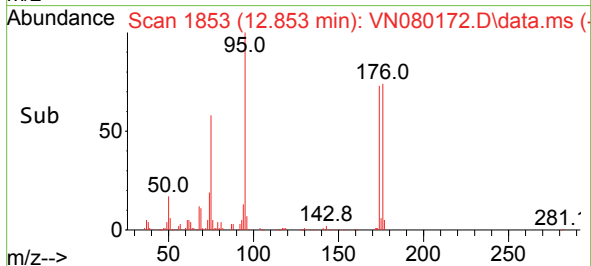
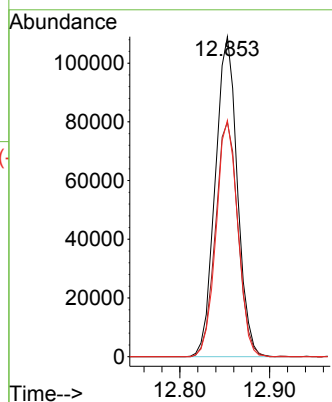
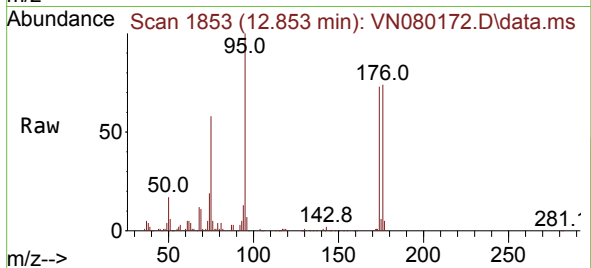




#62
4-Bromofluorobenzene
Concen: 56.060 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

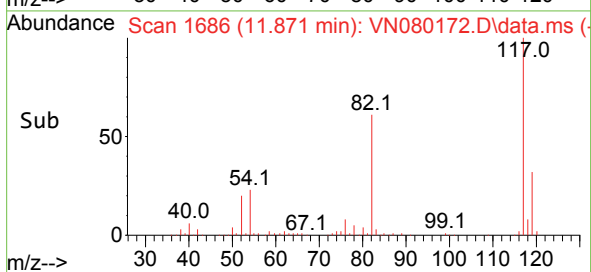
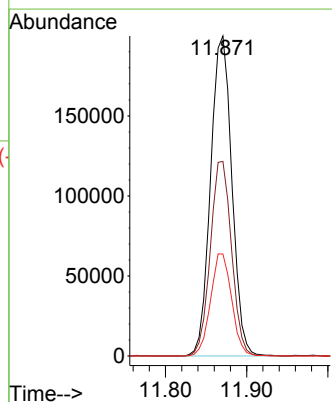
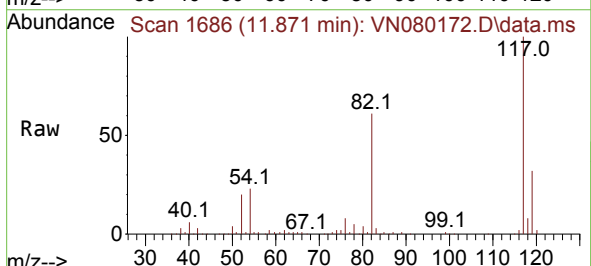
Instrument :
MSVOA_N
ClientSampleId :

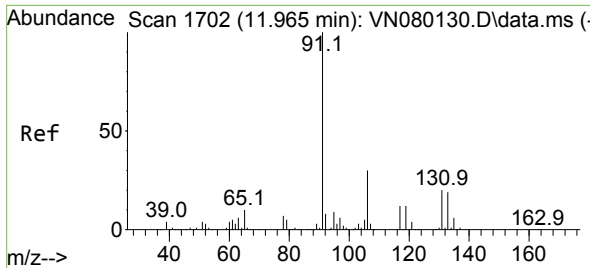
Tgt Ion: 95 Resp: 185955
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 72.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion: 117 Resp: 363920
Ion Ratio Lower Upper
117 100
82 60.8 44.0 66.0
119 31.9 25.6 38.4

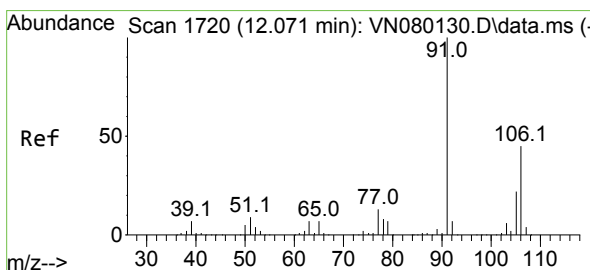
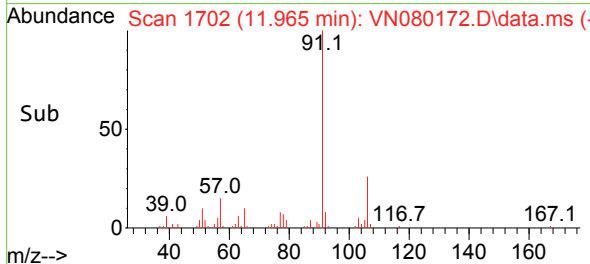
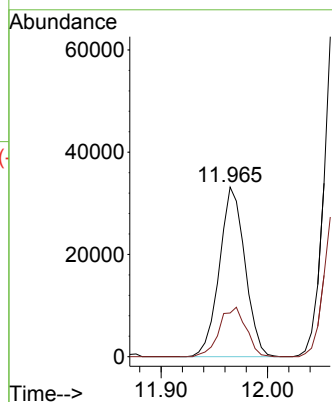
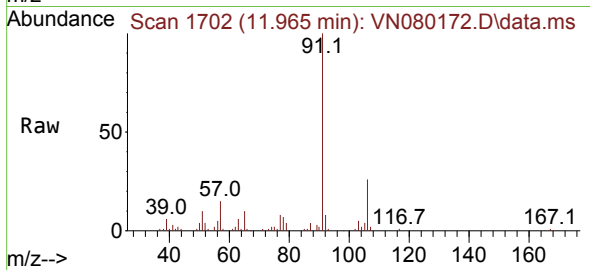




#67
Ethyl Benzene
Concen: 3.768 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

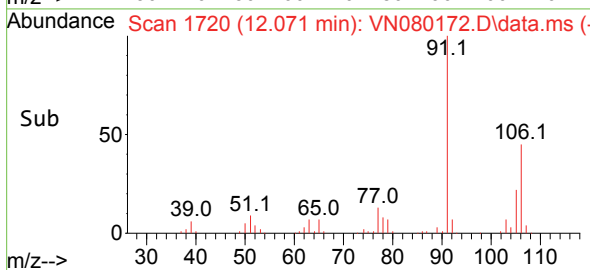
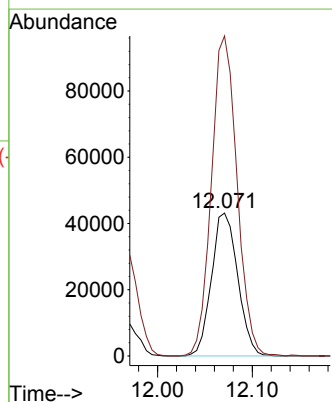
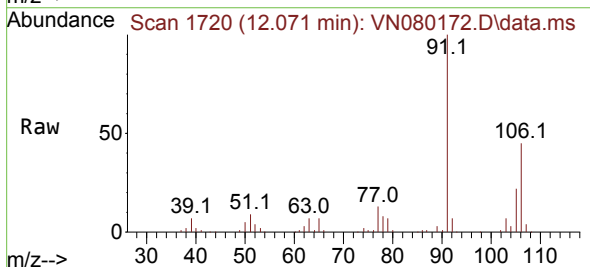
Instrument :
MSVOA_N
ClientSampleId :

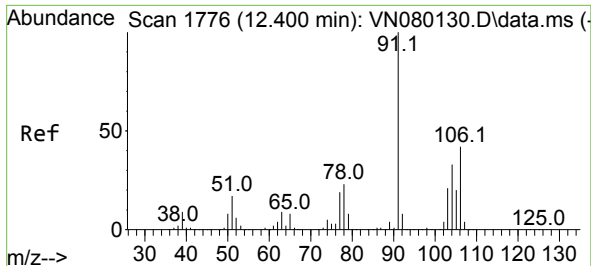
Tgt Ion: 91 Resp: 55292
Ion Ratio Lower Upper
91 100
106 25.8 25.6 38.4



#68
m/p-Xylenes
Concen: 15.499 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion:106 Resp: 82919
Ion Ratio Lower Upper
106 100
91 218.8 159.6 239.4

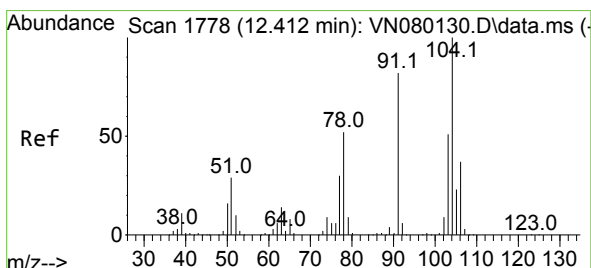
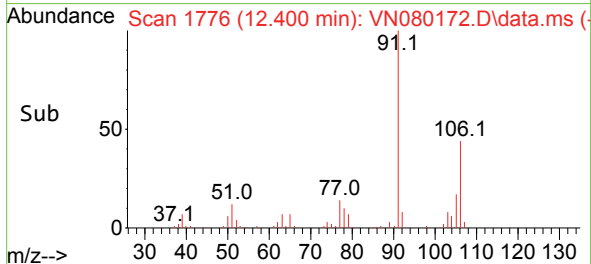
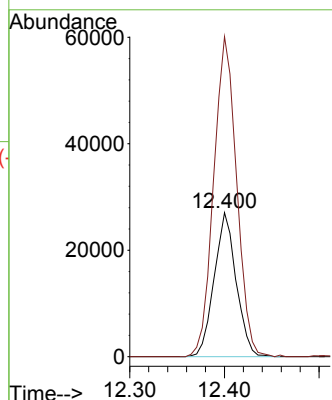
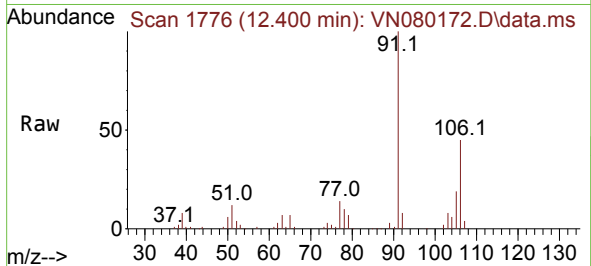




#69
o-Xylene
Concen: 8.667 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

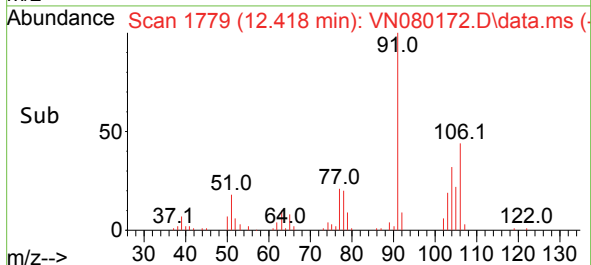
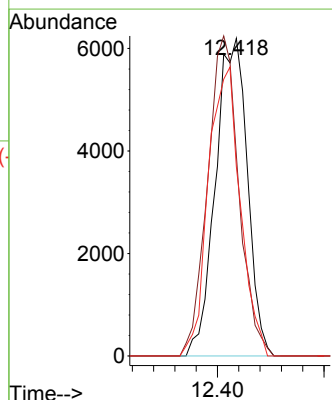
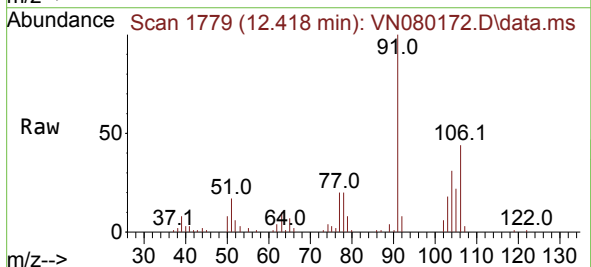
Instrument :
MSVOA_N
ClientSampleId :

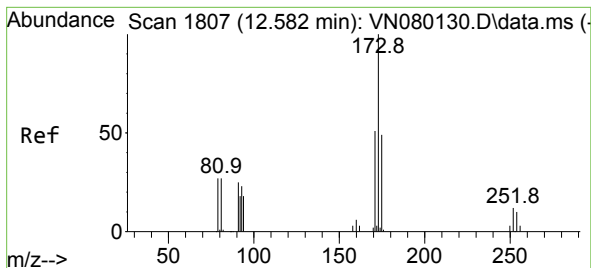
Tgt Ion:106 Resp: 43699
Ion Ratio Lower Upper
106 100
91 232.2 105.2 315.5



#70
Styrene
Concen: 1.713 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Tgt Ion:104 Resp: 12857
Ion Ratio Lower Upper
104 100
78 98.9 39.5 59.3#
103 91.1 43.2 64.8#





#71

Bromoform

Concen: 0.342 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.265 min

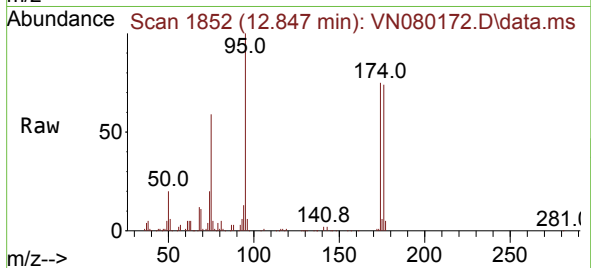
Lab File: VN080172.D

Acq: 17 Nov 2023 18:52

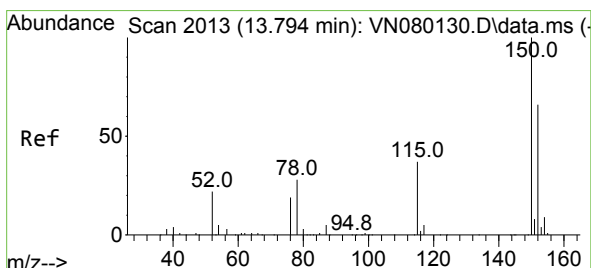
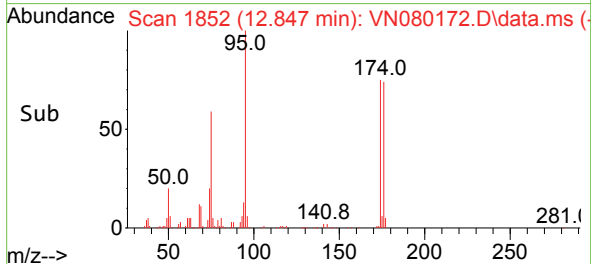
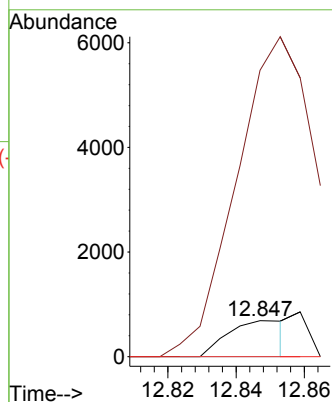
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:173	Resp:	812
Ion Ratio	Lower	Upper
173	100	
175	1019.7	24.3 73.0#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

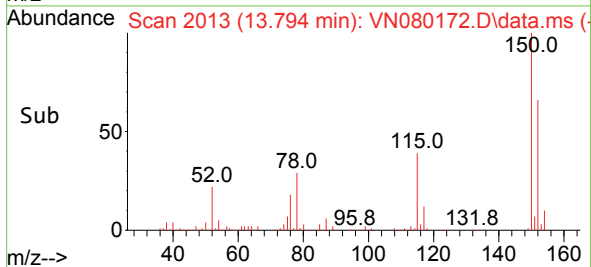
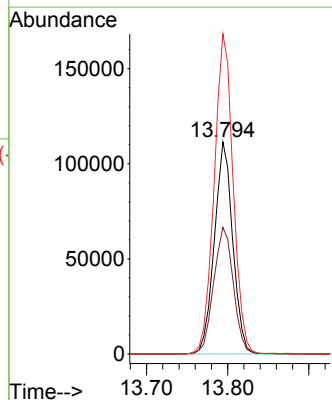
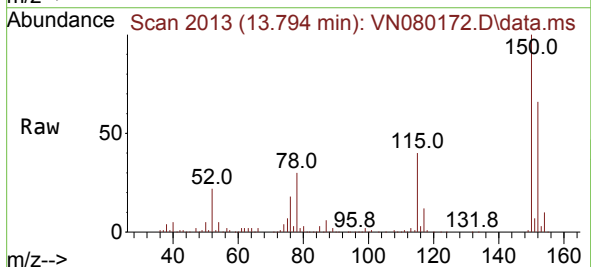
RT: 13.794 min Scan# 2013

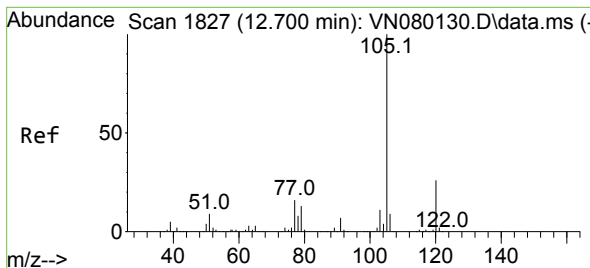
Delta R.T. 0.000 min

Lab File: VN080172.D

Acq: 17 Nov 2023 18:52

Tgt Ion:152	Resp:	175234
Ion Ratio	Lower	Upper
152	100	
115	64.0	32.3 96.8
150	155.9	0.0 355.8





#73

Isopropylbenzene

Concen: 0.202 ug/l

RT: 12.694 min Scan# 1786

Delta R.T. -0.006 min

Lab File: VN080172.D

Acq: 17 Nov 2023 18:52

Instrument :

MSVOA_N

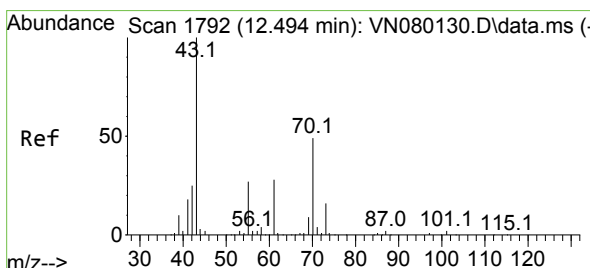
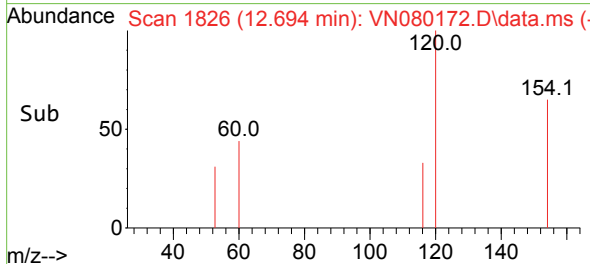
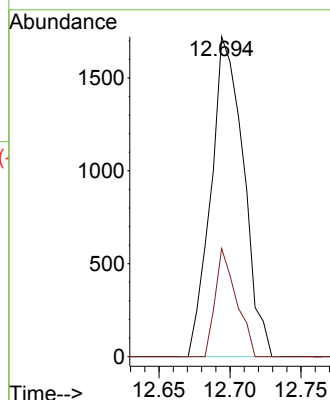
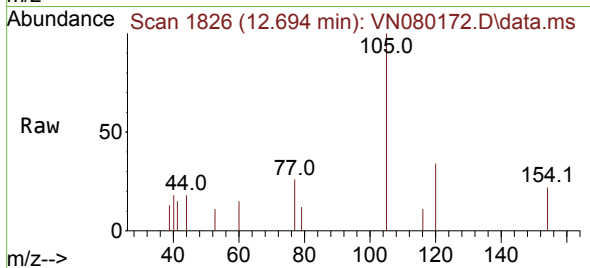
ClientSampleId :

Tgt Ion:105 Resp: 2749

Ion Ratio Lower Upper

105 100

120 21.9 13.1 39.1



#74

N-ethyl acetate

Concen: 1.470 ug/l

RT: 12.459 min Scan# 1786

Delta R.T. -0.035 min

Lab File: VN080172.D

Acq: 17 Nov 2023 18:52

Tgt Ion: 43 Resp: 6241

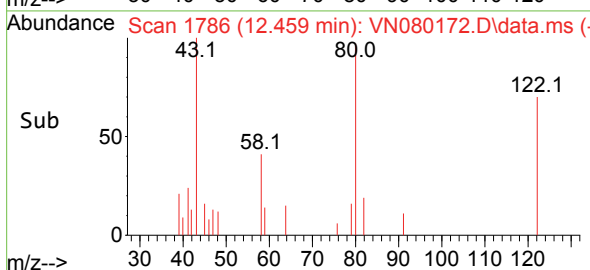
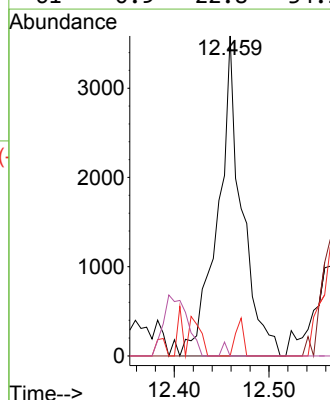
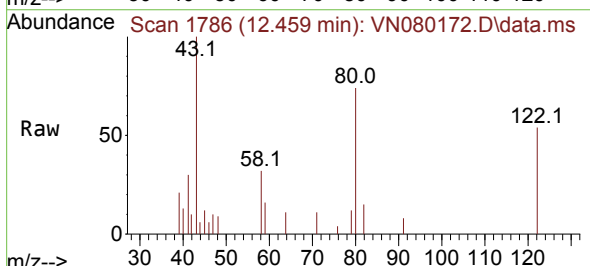
Ion Ratio Lower Upper

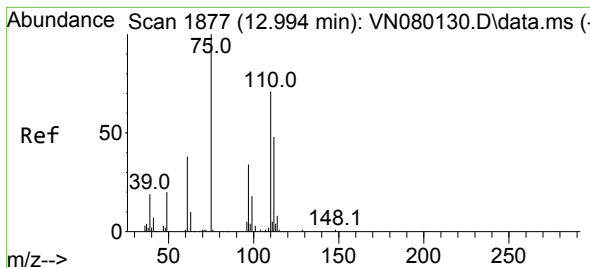
43 100

70 0.0 43.4 65.2#

55 3.8 21.4 32.0#

61 0.9 22.8 34.2#





#76

1,2,3-Trichloropropane

Concen: 24.682 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080172.D

Acq: 17 Nov 2023 18:52

Instrument :

MSVOA_N

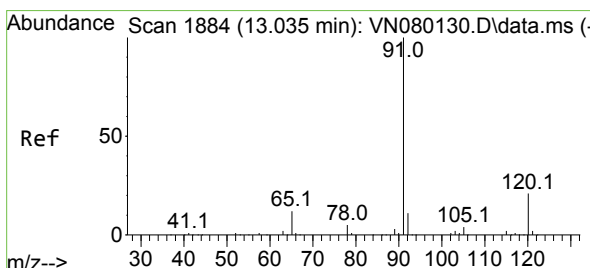
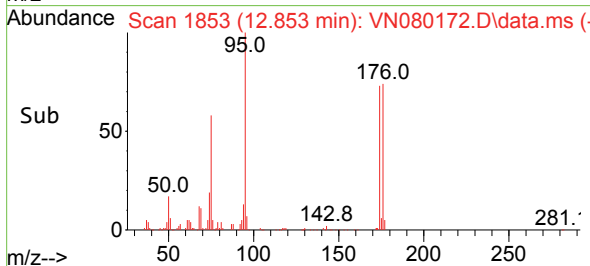
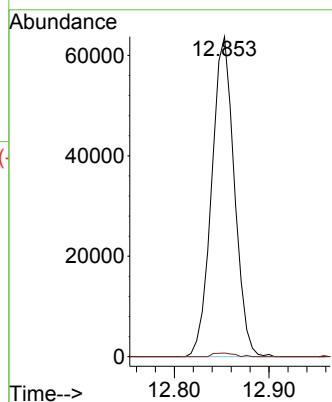
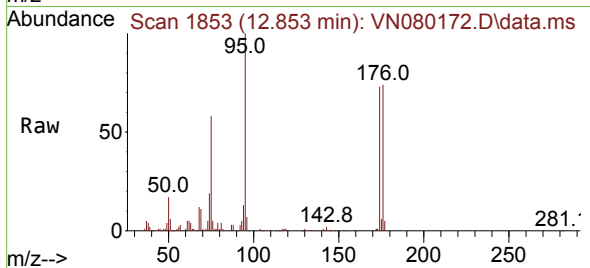
ClientSampleId :

Tgt Ion: 75 Resp: 105974

Ion Ratio Lower Upper

75 100

77 1.1 84.5 253.5#



#78

n-propylbenzene

Concen: 0.258 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080172.D

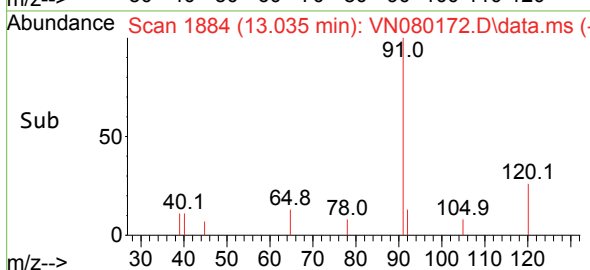
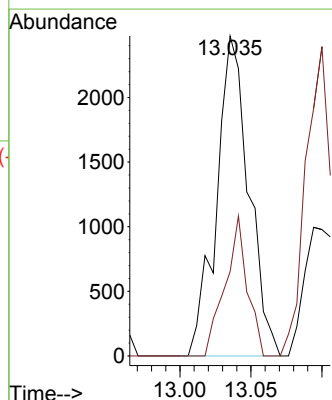
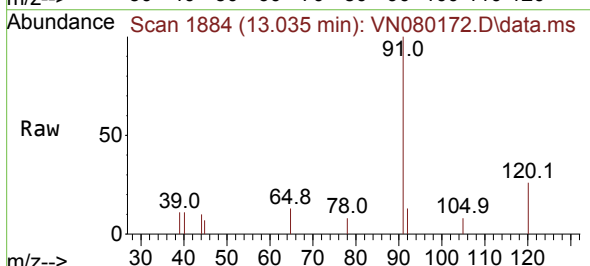
Acq: 17 Nov 2023 18:52

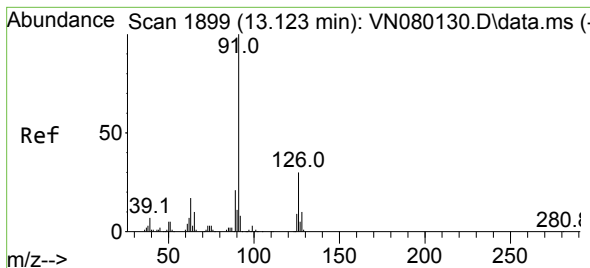
Tgt Ion: 91 Resp: 3921

Ion Ratio Lower Upper

91 100

120 29.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.205 ug/l

RT: 13.094 min Scan# 11

Delta R.T. -0.029 min

Lab File: VN080172.D

Acq: 17 Nov 2023 18:52

Instrument :

MSVOA_N

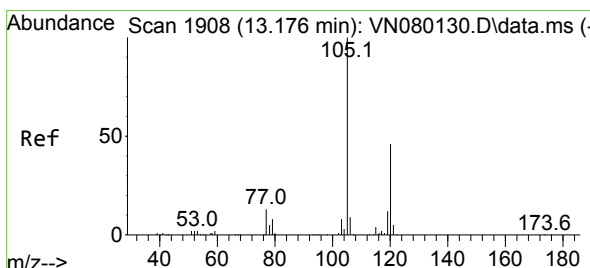
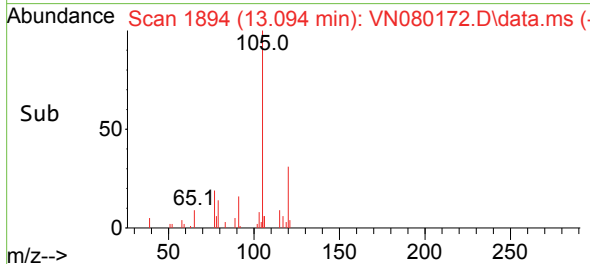
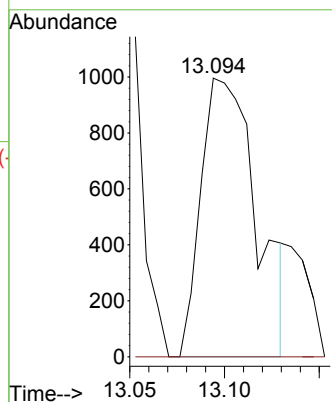
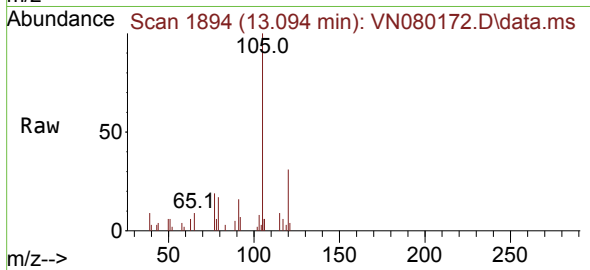
ClientSampleId :

Tgt Ion: 91 Resp: 2029

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 0.635 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN080172.D

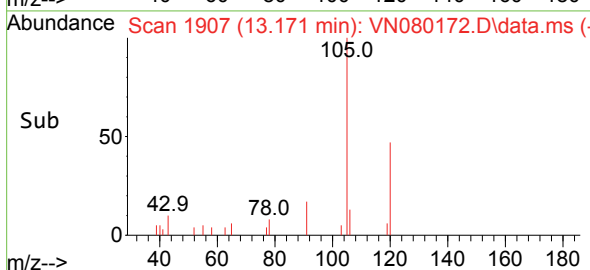
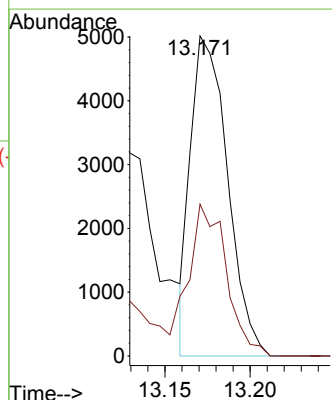
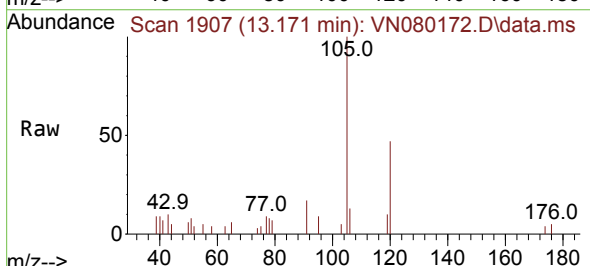
Acq: 17 Nov 2023 18:52

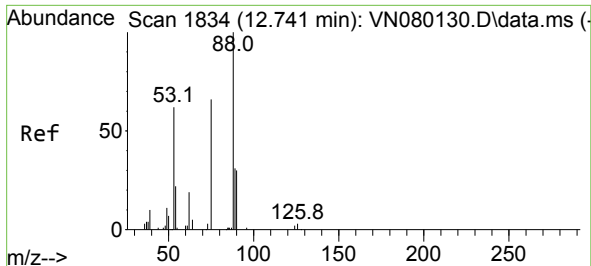
Tgt Ion: 105 Resp: 7530

Ion Ratio Lower Upper

105 100

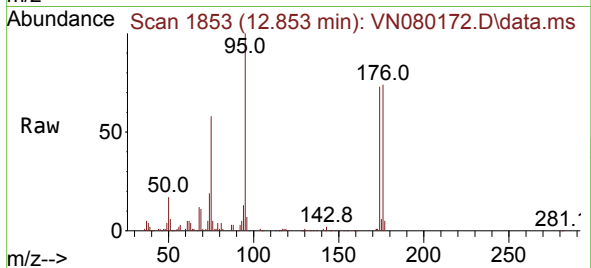
120 48.6 24.1 72.3



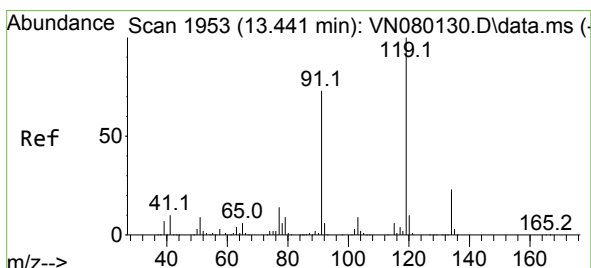
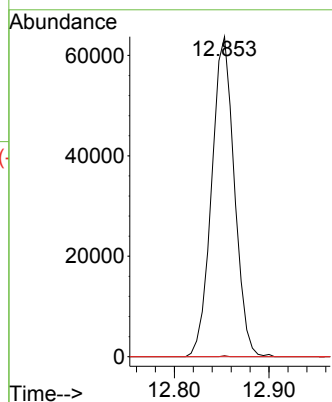
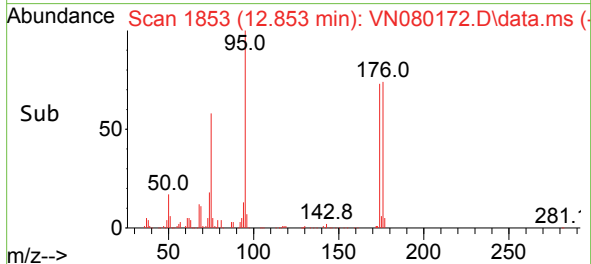


#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.391 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN080172.D
 Acq: 17 Nov 2023 18:52

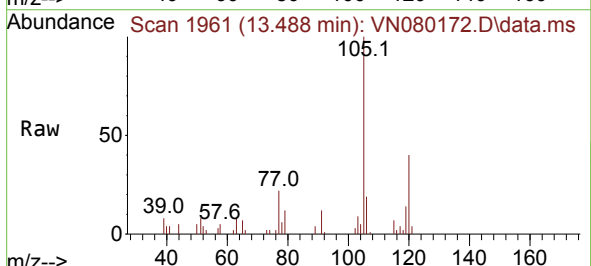
Instrument :
 MSVOA_N
 ClientSampleId :



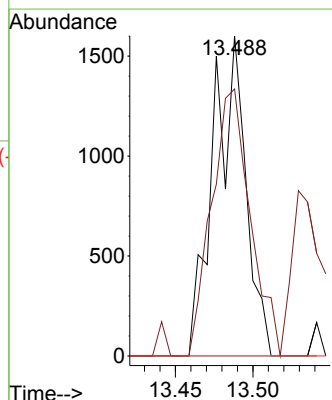
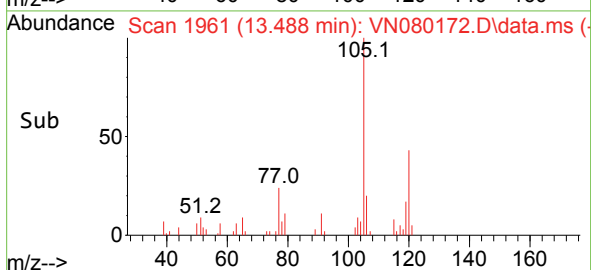
Tgt Ion: 75 Resp: 105974
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.0 38.8 58.2#

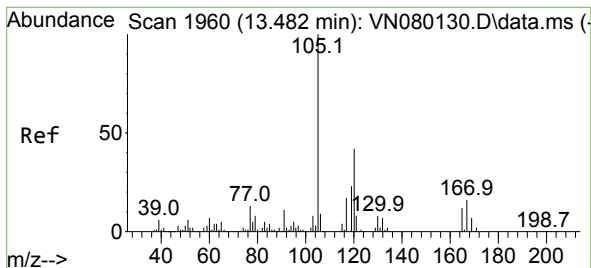


#83
 tert-Butylbenzene
 Concen: 0.245 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.047 min
 Lab File: VN080172.D
 Acq: 17 Nov 2023 18:52



Tgt Ion: 119 Resp: 2331
 Ion Ratio Lower Upper
 119 100
 91 99.4 33.9 101.7
 134 0.0 13.2 39.6#





#84

1,2,4-Trimethylbenzene

Concen: 2.020 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080172.D

Acq: 17 Nov 2023 18:52

Instrument :

MSVOA_N

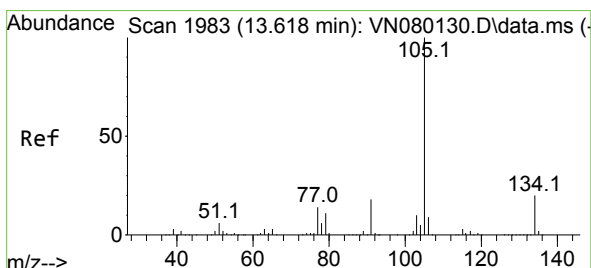
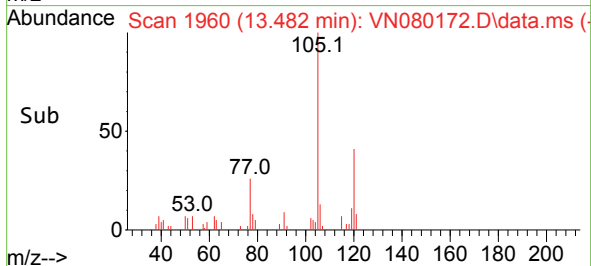
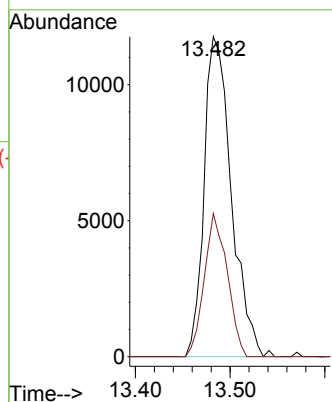
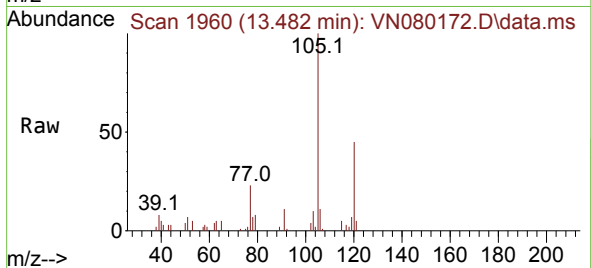
ClientSampleId :

Tgt Ion:105 Resp: 23581

Ion Ratio Lower Upper

105 100

120 37.6 22.0 66.0



#85

sec-Butylbenzene

Concen: 1.961 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.135 min

Lab File: VN080172.D

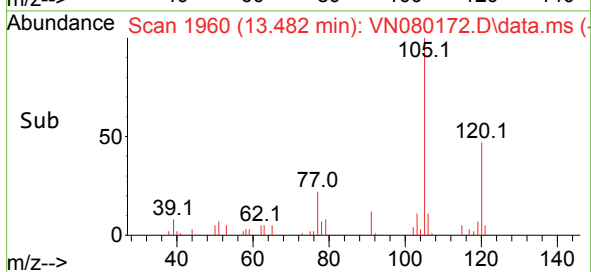
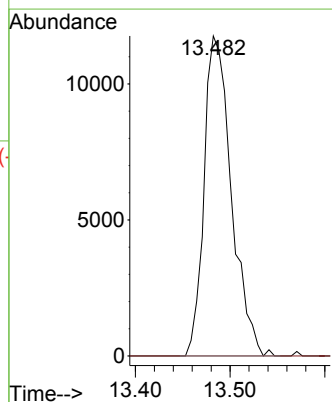
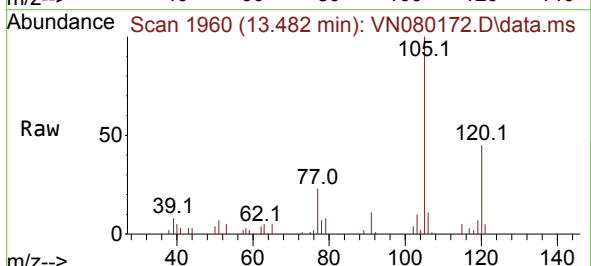
Acq: 17 Nov 2023 18:52

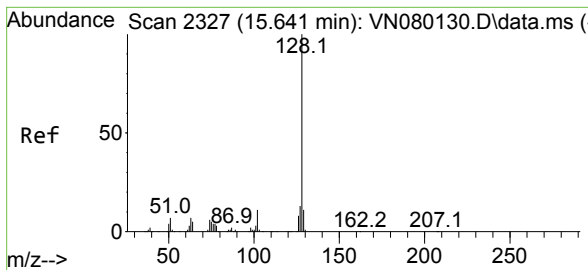
Tgt Ion:105 Resp: 23581

Ion Ratio Lower Upper

105 100

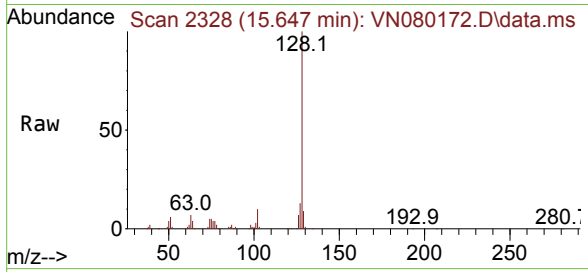
134 0.0 9.8 29.3#





#95
Naphthalene
Concen: 17.442 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080172.D
Acq: 17 Nov 2023 18:52

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 174115
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.2 8.7 13.1

