

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080408.D
 Acq On : 08 Dec 2023 15:58
 Operator : JC\MD
 Sample : 05650-03 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50196

Quant Time: Dec 08 22:40:52 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)

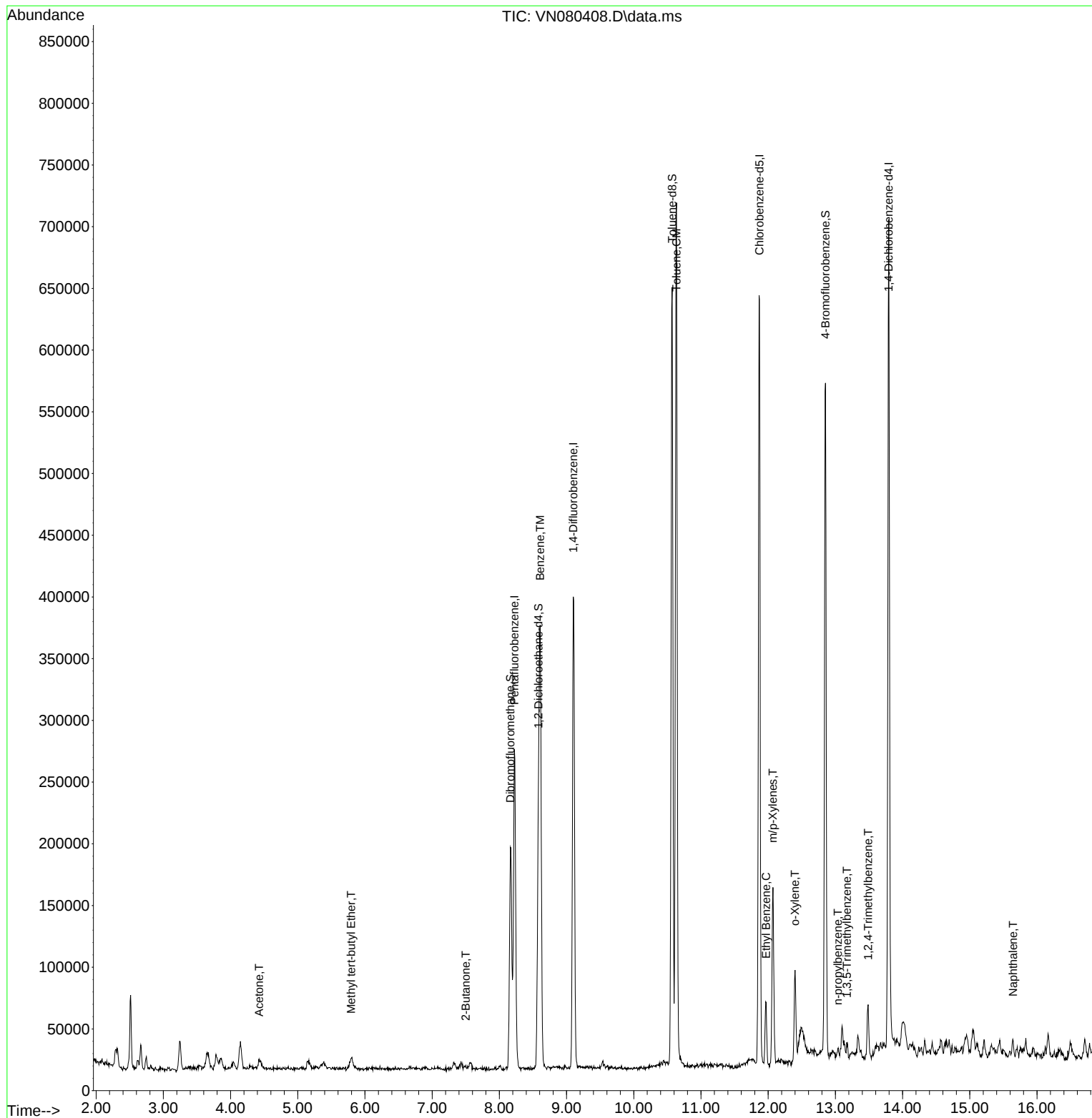
Internal Standards						
1) Pentafluorobenzene	8.224	168	179006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	333838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	366460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	153080	51.792	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.580%			
35) Dibromofluoromethane	8.165	113	127236	51.653	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.300%			
50) Toluene-d8	10.571	98	451086	50.800	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.600%			
62) 4-Bromofluorobenzene	12.853	95	195379	58.253	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.500%			
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	13978	14.080	ug/l	91
19) Methyl tert-butyl Ether	5.794	73	13711	2.052	ug/l #	87
25) 2-Butanone	7.500	43	3750	3.179	ug/l #	66
40) Benzene	8.606	78	338969	33.442	ug/l	99
52) Toluene	10.635	92	321455	50.676	ug/l	97
67) Ethyl Benzene	11.971	91	38293	2.592	ug/l	94
68) m/p-Xylenes	12.071	106	45341	8.416	ug/l	91
69) o-Xylene	12.400	106	20009	3.941	ug/l	89
78) n-propylbenzene	13.035	91	5006	0.323	ug/l	82
80) 1,3,5-Trimethylbenzene	13.170	105	6736	0.558	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	26001	2.188	ug/l	96
95) Naphthalene	15.647	128	12817	1.261	ug/l #	82

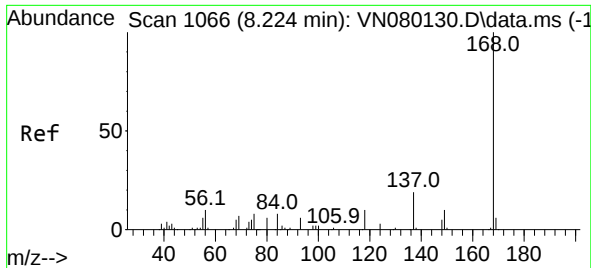
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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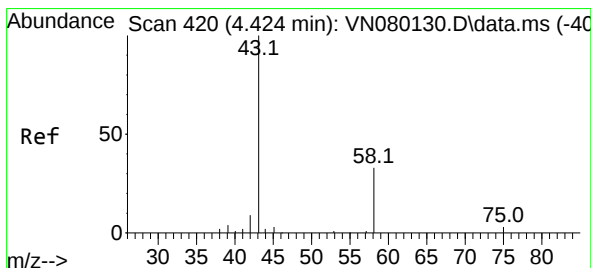
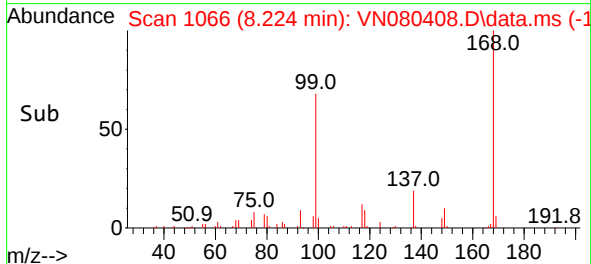
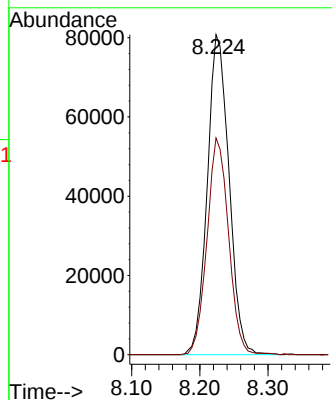
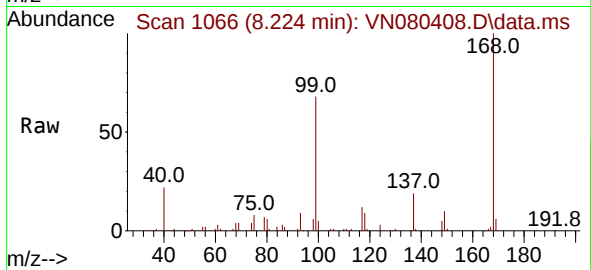




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080408.D
Acq: 08 Dec 2023 15:58

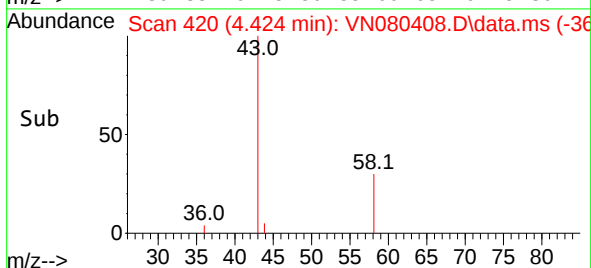
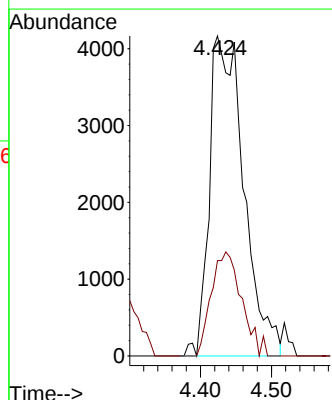
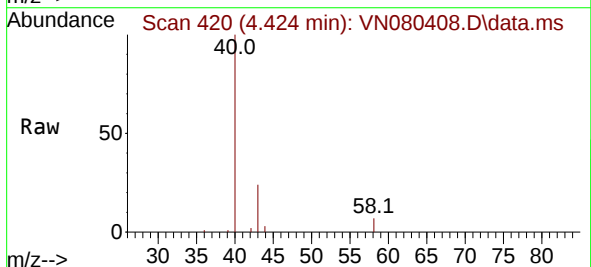
Instrument :
MSVOA_N
ClientSampleId :
50196

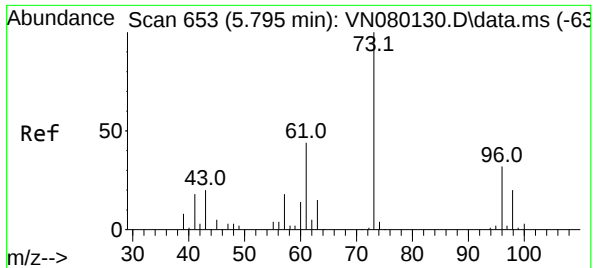
Tgt Ion:168 Resp: 179006
Ion Ratio Lower Upper
168 100
99 67.7 53.0 79.6



#16
Acetone
Concen: 14.080 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080408.D
Acq: 08 Dec 2023 15:58

Tgt Ion: 43 Resp: 13978
Ion Ratio Lower Upper
43 100
58 29.8 28.0 42.0

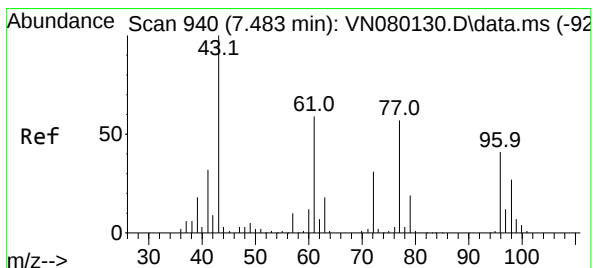
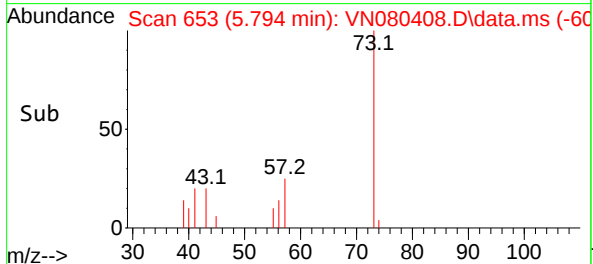
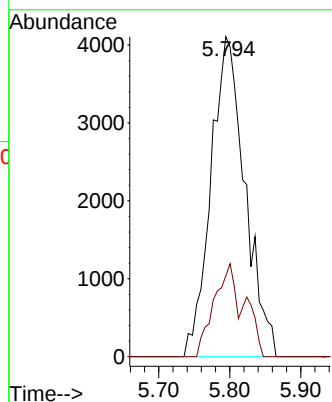
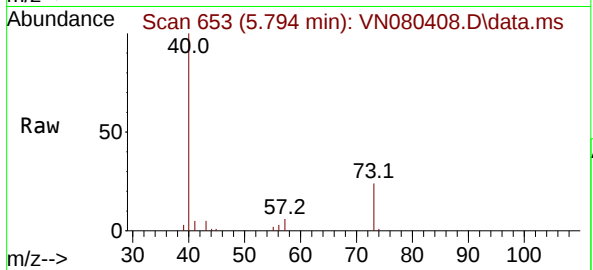




#19
Methyl tert-butyl Ether
Concen: 2.052 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080408.D
Acq: 08 Dec 2023 15:58

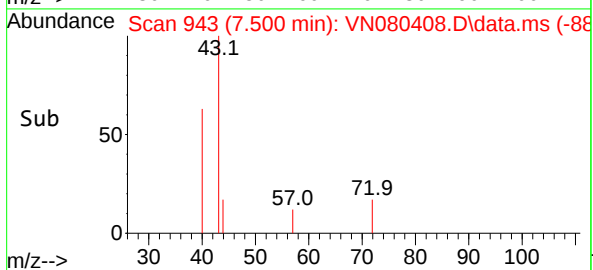
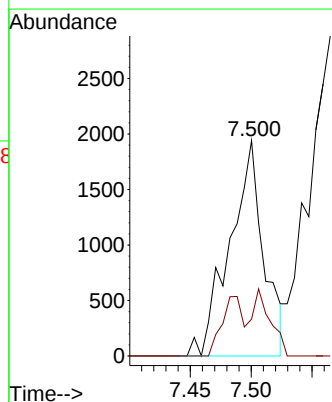
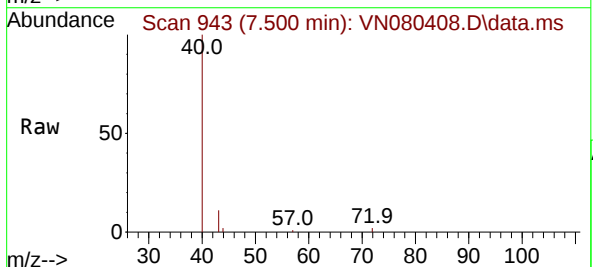
Instrument :
MSVOA_N
ClientSampleId :
50196

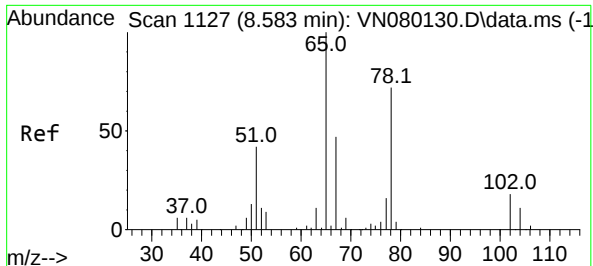
Tgt Ion: 73 Resp: 13711
Ion Ratio Lower Upper
73 100
57 25.3 15.6 23.4#



#25
2-Butanone
Concen: 3.179 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.018 min
Lab File: VN080408.D
Acq: 08 Dec 2023 15:58

Tgt Ion: 43 Resp: 3750
Ion Ratio Lower Upper
43 100
72 17.1 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 51.792 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080408.D

Acq: 08 Dec 2023 15:58

Instrument :

MSVOA_N

ClientSampleId :

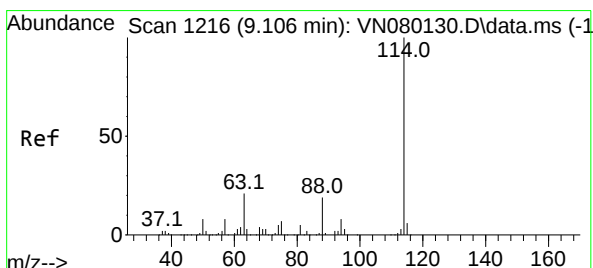
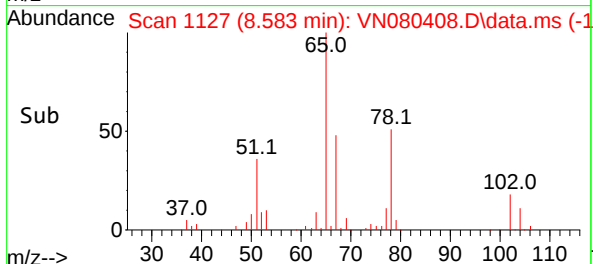
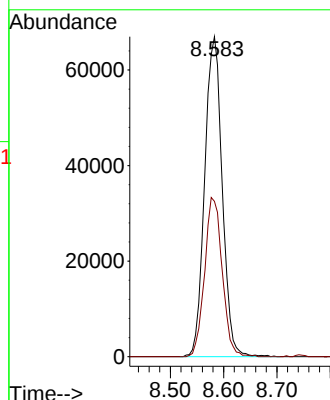
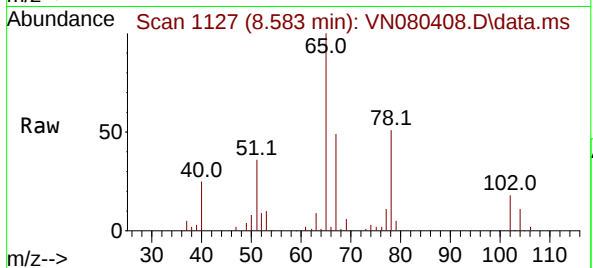
50196

Tgt Ion: 65 Resp: 153080

Ion Ratio Lower Upper

65 100

67 49.9 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: VN080408.D

Acq: 08 Dec 2023 15:58

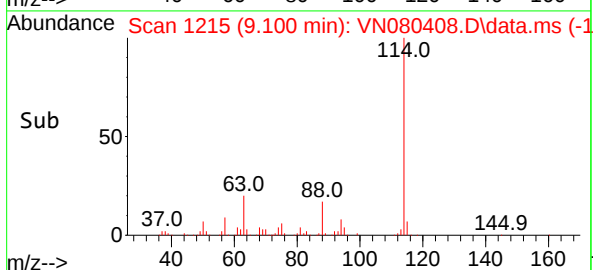
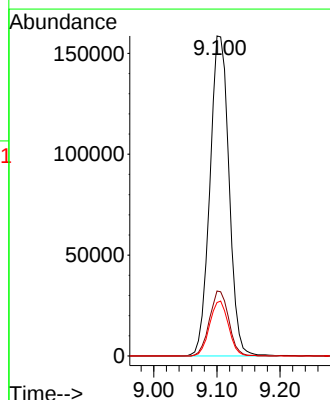
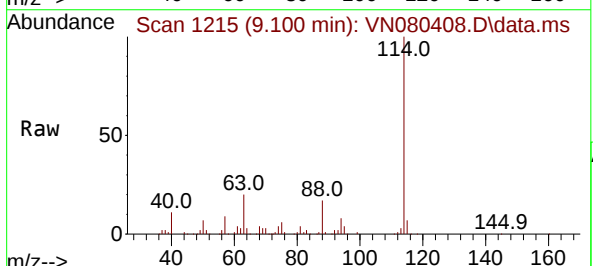
Tgt Ion: 114 Resp: 333838

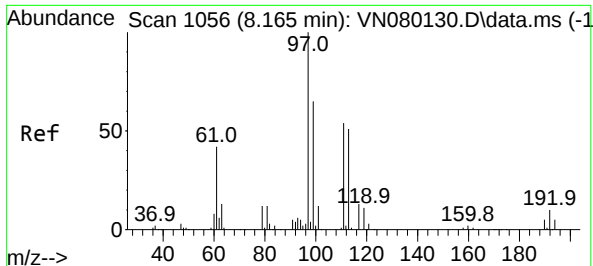
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

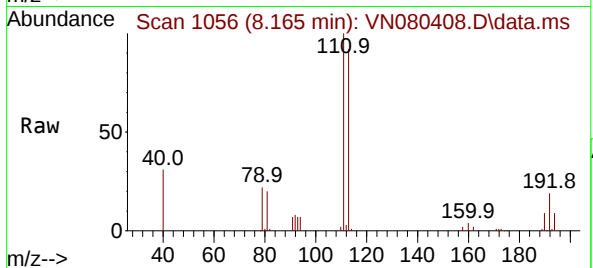
88 16.7 0.0 30.6



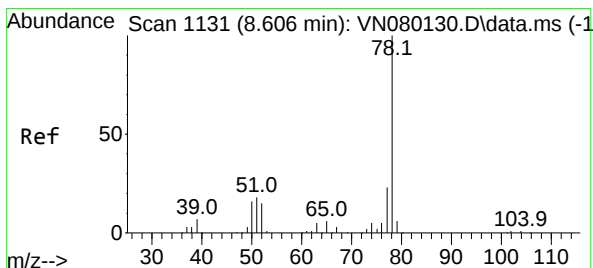
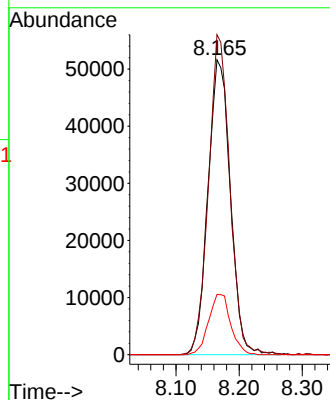
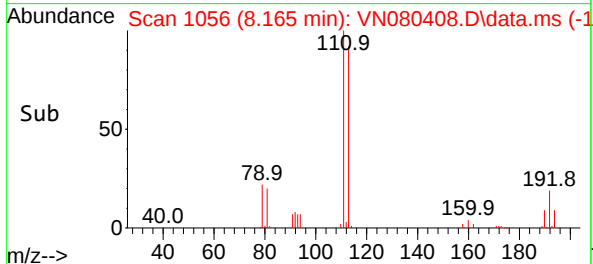


#35
Dibromofluoromethane
Concen: 51.653 ug/l
RT: 8.165 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN080408.D
Acq: 08 Dec 2023 15:58

Instrument :
MSVOA_N
ClientSampleId :
50196

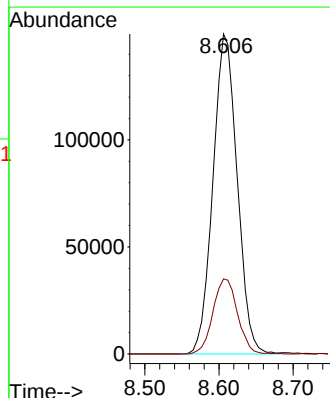
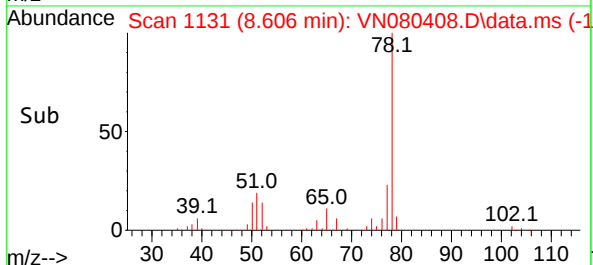
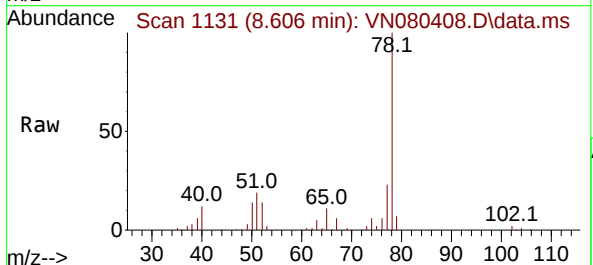


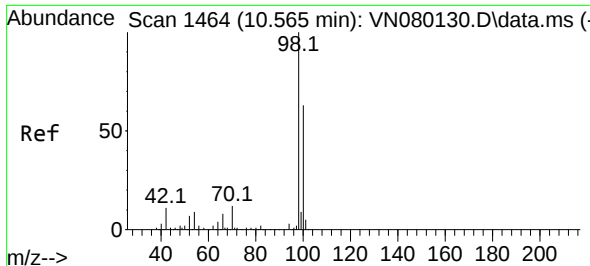
Tgt Ion:113 Resp: 127236
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 20.1 12.7 19.1#



#40
Benzene
Concen: 33.442 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080408.D
Acq: 08 Dec 2023 15:58

Tgt Ion: 78 Resp: 338969
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6

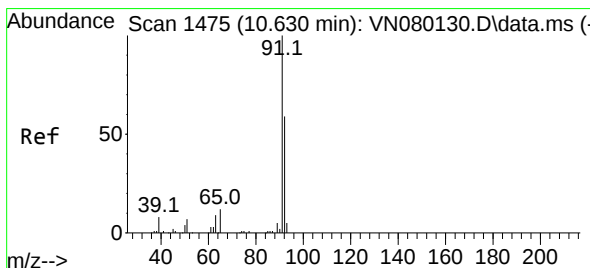
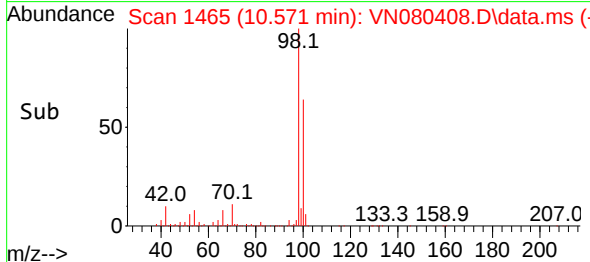
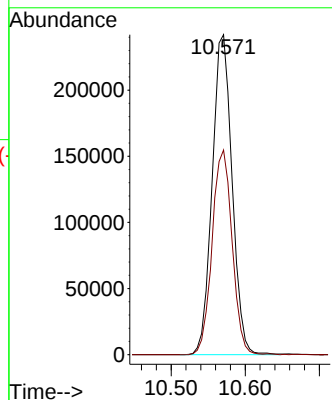
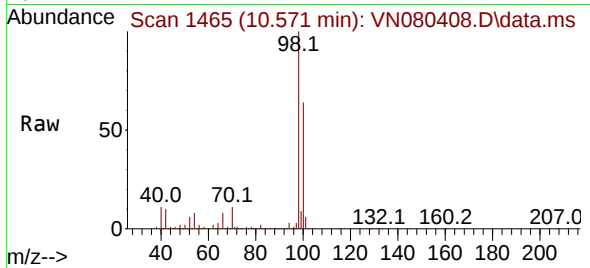




#50
Toluene-d8
Concen: 50.800 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080408.D
Acq: 08 Dec 2023 15:58

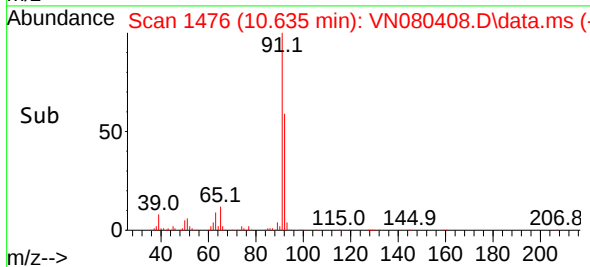
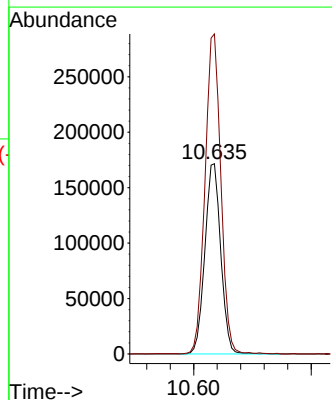
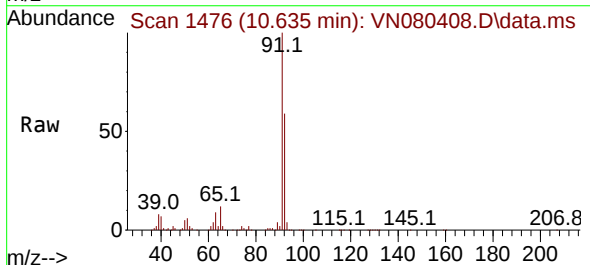
Instrument :
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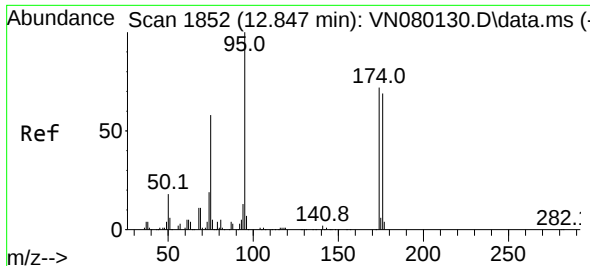
Tgt Ion: 98 Resp: 451086
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#52
Toluene
Concen: 50.676 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080408.D
Acq: 08 Dec 2023 15:58

Tgt Ion: 92 Resp: 321455
Ion Ratio Lower Upper
92 100
91 167.3 137.4 206.0

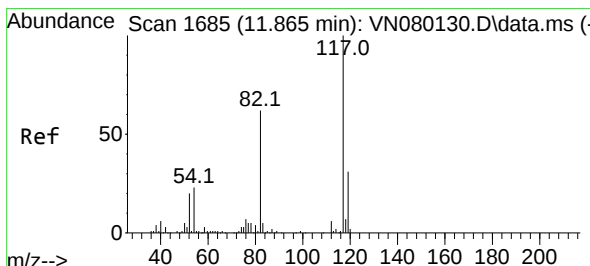
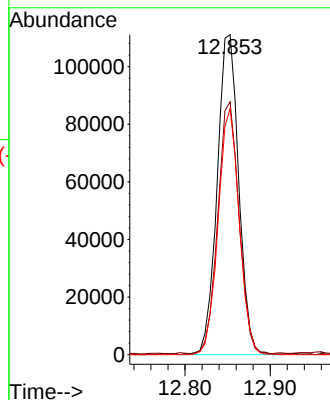
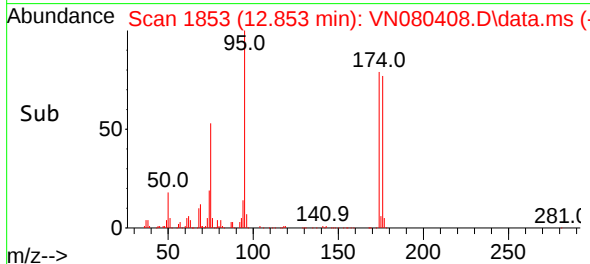
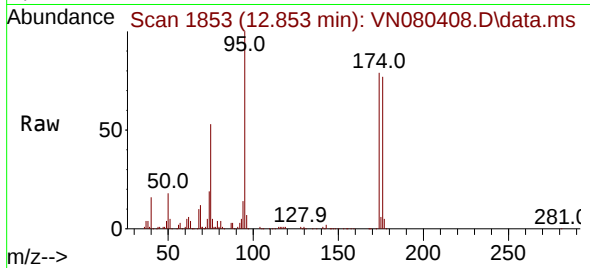




#62
4-Bromofluorobenzene
Concen: 58.253 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080408.D
Acq: 08 Dec 2023 15:58

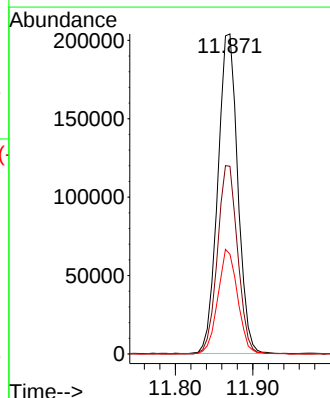
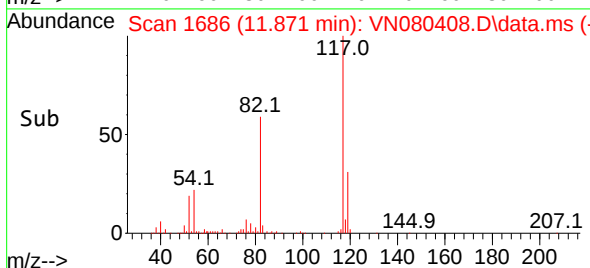
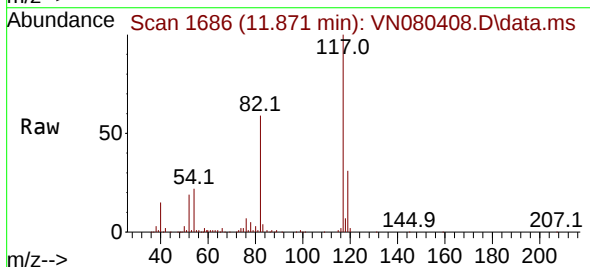
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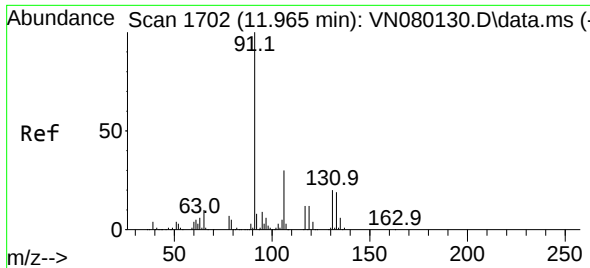
Tgt Ion: 95 Resp: 195379
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 74.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080408.D
Acq: 08 Dec 2023 15:58

Tgt Ion: 117 Resp: 366460
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 31.1 25.6 38.4

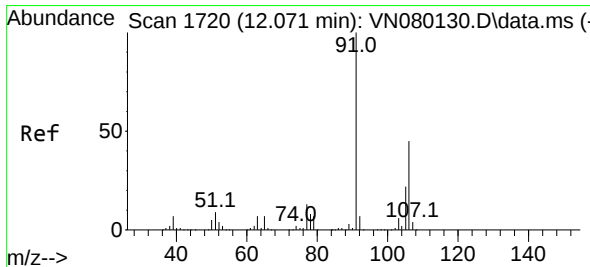
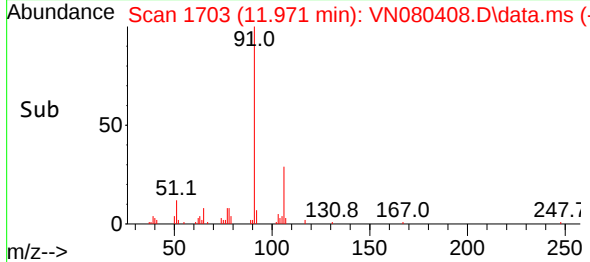
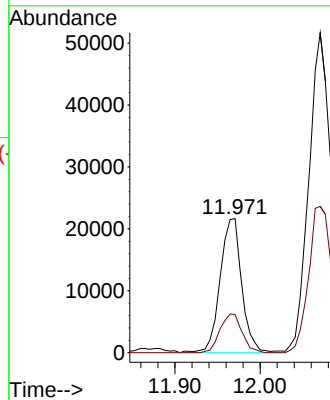
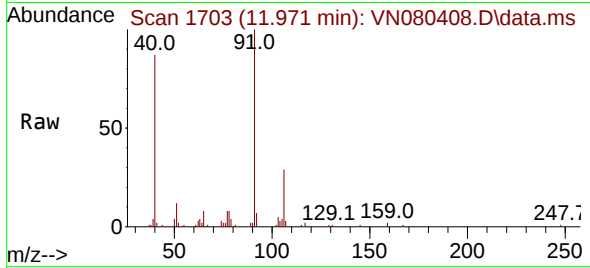




#67
Ethyl Benzene
Concen: 2.592 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN080408.D
Acq: 08 Dec 2023 15:58

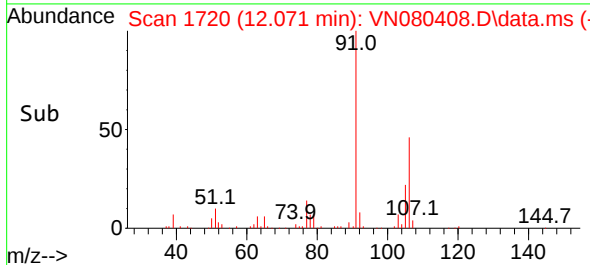
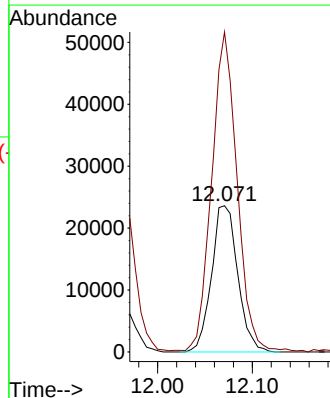
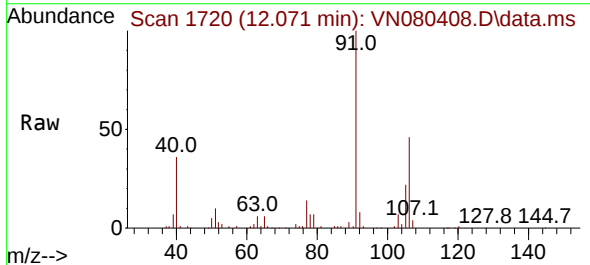
Instrument :
MSVOA_N
ClientSampleId :
50196

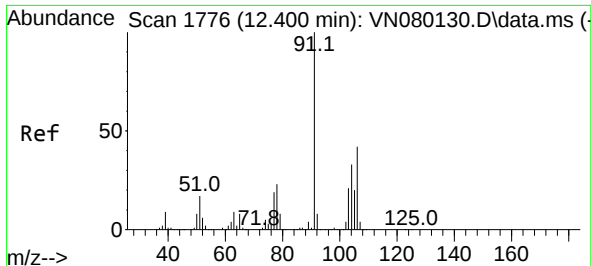
Tgt Ion: 91 Resp: 38293
Ion Ratio Lower Upper
91 100
106 28.6 25.6 38.4



#68
m/p-Xylenes
Concen: 8.416 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080408.D
Acq: 08 Dec 2023 15:58

Tgt Ion:106 Resp: 45341
Ion Ratio Lower Upper
106 100
91 212.9 159.6 239.4

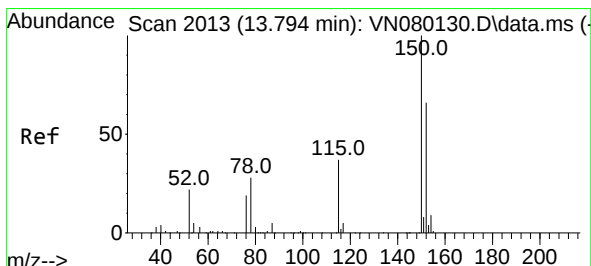
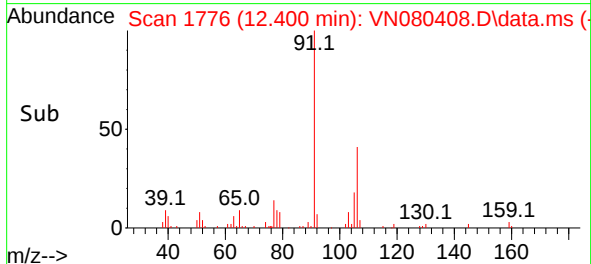
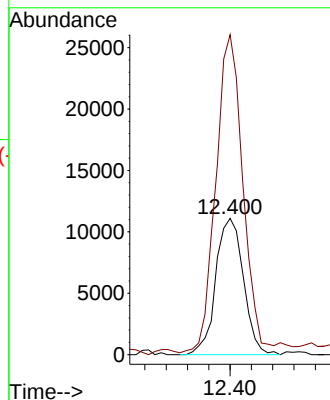
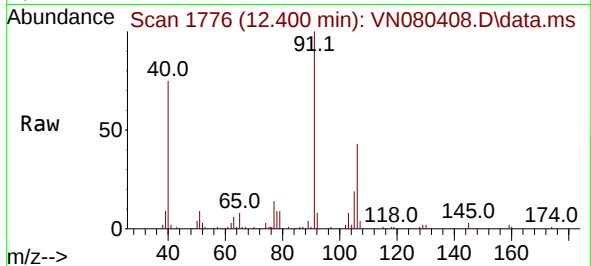




#69
o-Xylene
Concen: 3.941 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080408.D
Acq: 08 Dec 2023 15:58

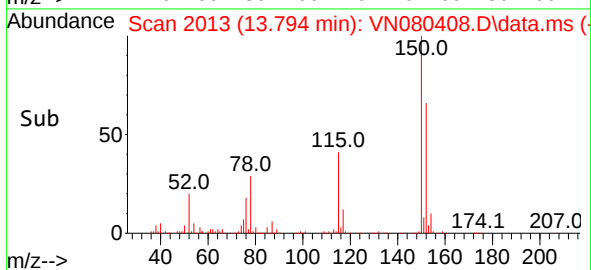
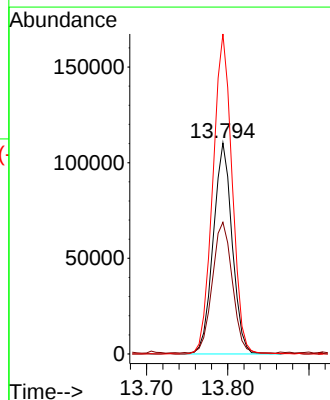
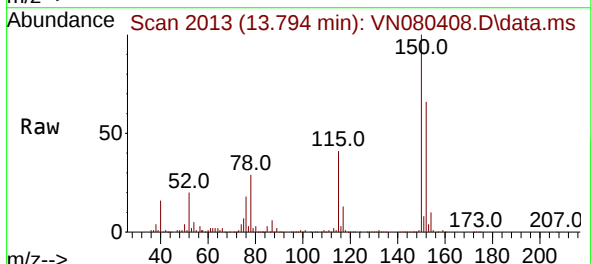
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MSVOA_N
ClientSampleId :
50196

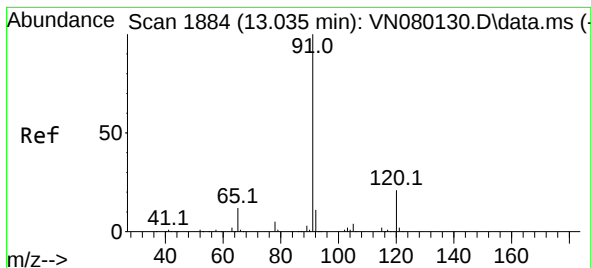
Tgt Ion:106 Resp: 20009
Ion Ratio Lower Upper
106 100
91 227.7 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080408.D
Acq: 08 Dec 2023 15:58

Tgt Ion:152 Resp: 178445
Ion Ratio Lower Upper
152 100
115 65.3 32.3 96.8
150 154.3 0.0 355.8





#78

n-propylbenzene

Concen: 0.323 ug/l

RT: 13.035 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080408.D

Acq: 08 Dec 2023 15:58

Instrument :

MSVOA_N

ClientSampleId :

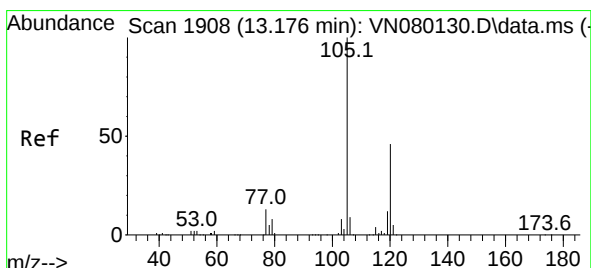
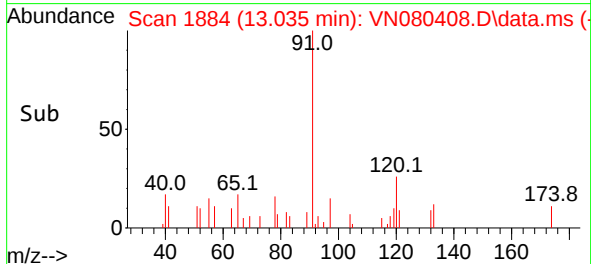
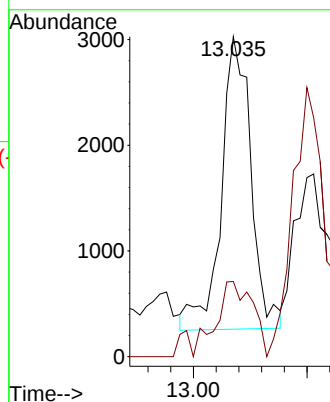
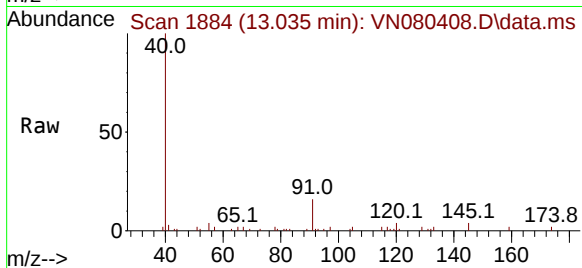
50196

Tgt Ion: 91 Resp: 5006

Ion Ratio Lower Upper

91 100

120 31.6 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 0.558 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN080408.D

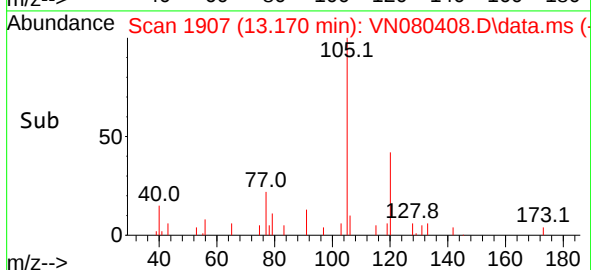
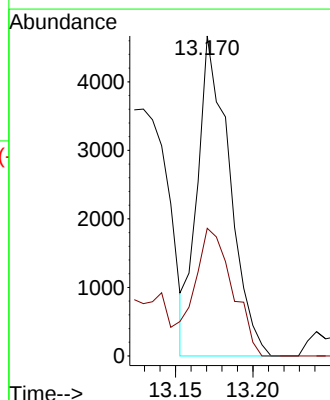
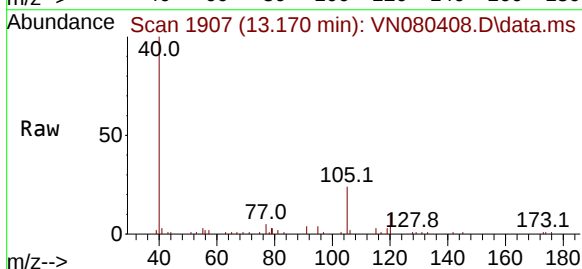
Acq: 08 Dec 2023 15:58

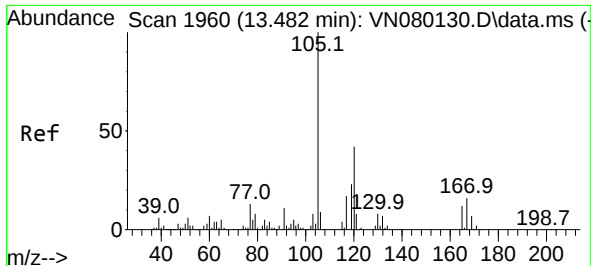
Tgt Ion:105 Resp: 6736

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3

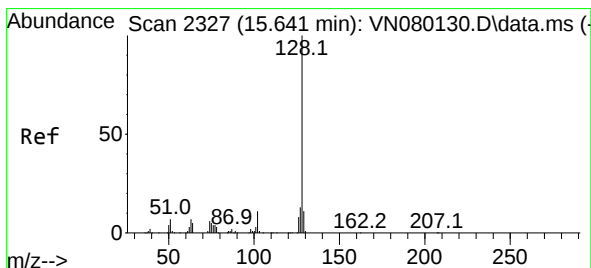
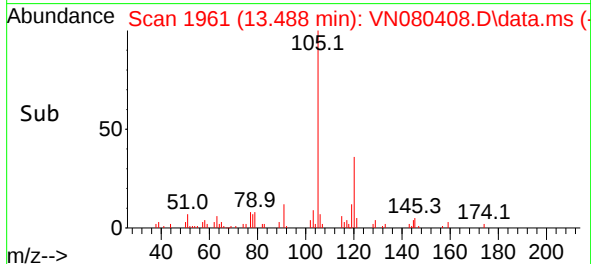
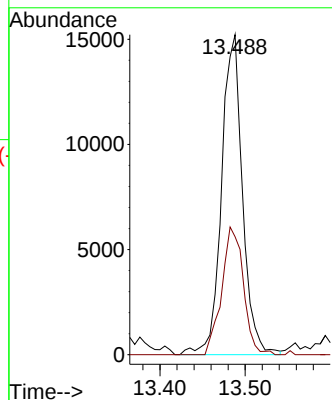
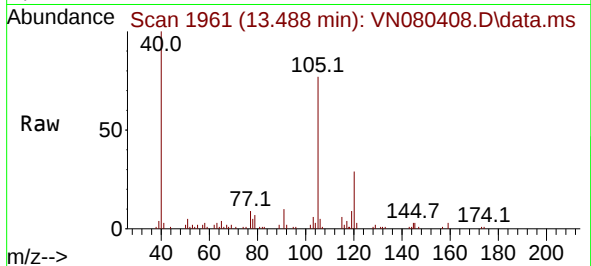




#84
1,2,4-Trimethylbenzene
Concen: 2.188 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080408.D
Acq: 08 Dec 2023 15:58

Instrument :
MSVOA_N
ClientSampleId :
50196

Tgt Ion:105 Resp: 26001
Ion Ratio Lower Upper
105 100
120 41.2 22.0 66.0



#95
Naphthalene
Concen: 1.261 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN080408.D
Acq: 08 Dec 2023 15:58

Tgt Ion:128 Resp: 12817
Ion Ratio Lower Upper
128 100
127 19.8 10.0 15.0#
129 17.5 8.7 13.1#

