

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111423\
 Data File : VN080095.D
 Acq On : 14 Nov 2023 17:38
 Operator : JC\MD
 Sample : 05382-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-17

Quant Time: Nov 15 04:44:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

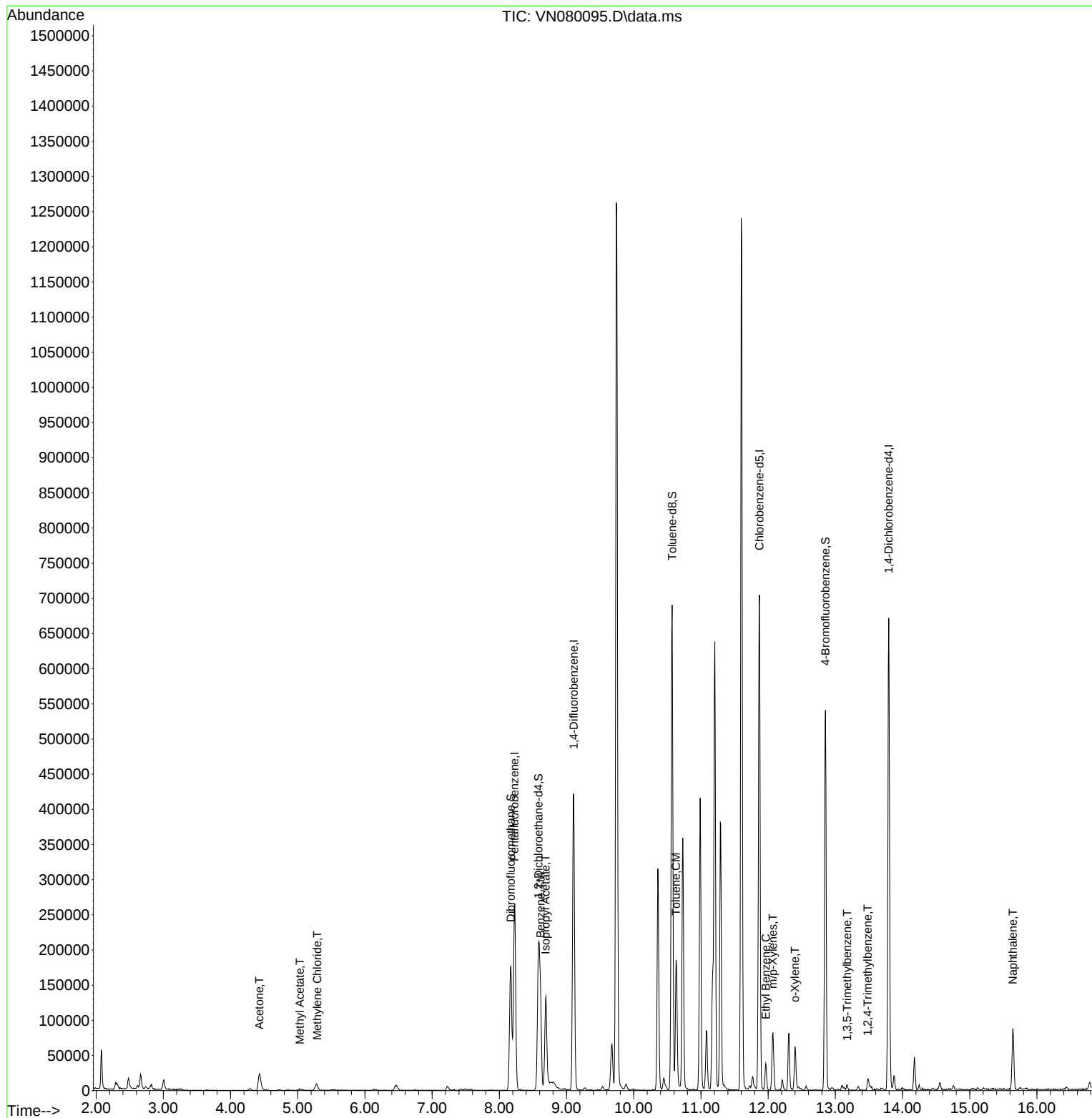
Internal Standards						
1) Pentafluorobenzene	8.224	168	185559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	349865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	386561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	176209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	161623	57.170	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.340%	
35) Dibromofluoromethane	8.171	113	128097	51.731	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.460%	
50) Toluene-d8	10.571	98	465573	51.073	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.140%	
62) 4-Bromofluorobenzene	12.853	95	188659	62.403	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 124.800%#	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	43051	43.353	ug/l	93
18) Methyl Acetate	5.030	43	4596	0.967	ug/l #	42
20) Methylene Chloride	5.289	84	7323	2.923	ug/l #	79
40) Benzene	8.612	78	137002	12.937	ug/l	98
43) Isopropyl Acetate	8.689	43	152487	26.816	ug/l #	83
52) Toluene	10.630	92	80587	12.836	ug/l	98
67) Ethyl Benzene	11.965	91	16866	1.154	ug/l	97
68) m/p-Xylenes	12.071	106	24966	4.587	ug/l	89
69) o-Xylene	12.400	106	14632	2.792	ug/l	83
80) 1,3,5-Trimethylbenzene	13.177	105	3924	0.377	ug/l	83
84) 1,2,4-Trimethylbenzene	13.482	105	10458	1.022	ug/l	91
95) Naphthalene	15.641	128	79078	8.529	ug/l	99

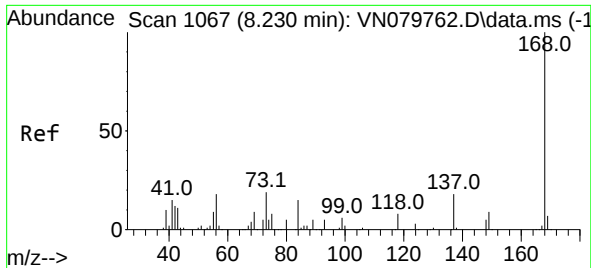
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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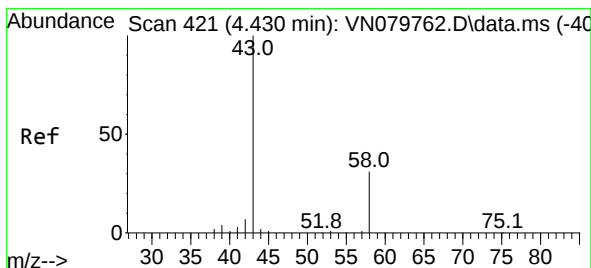
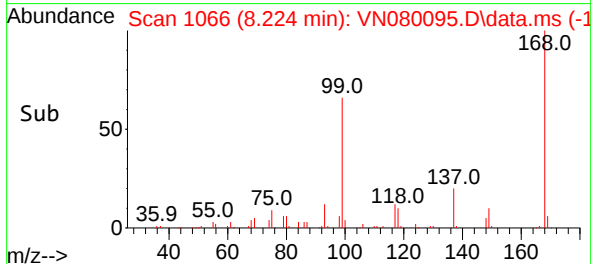
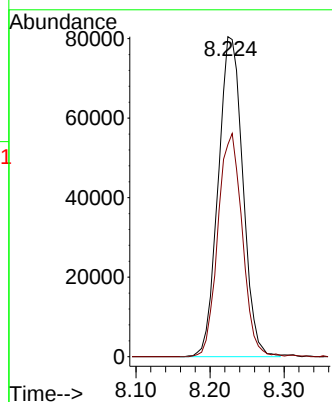
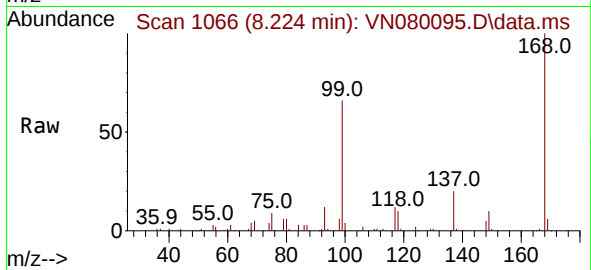




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN080095.D
Acq: 14 Nov 2023 17:38

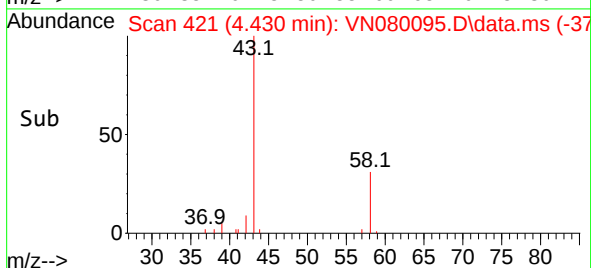
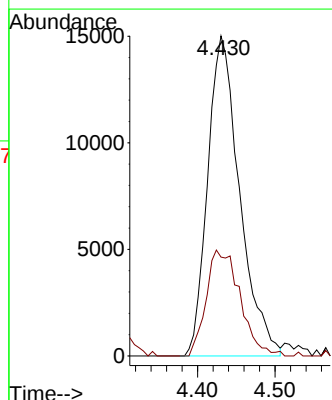
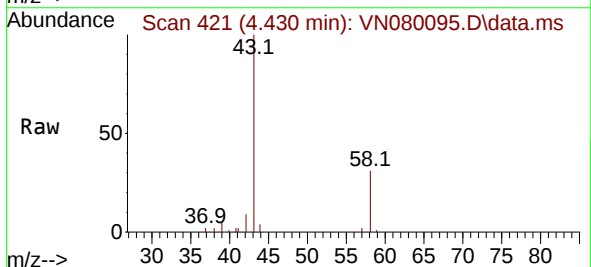
Instrument :
MSVOA_N
ClientSampleId :
S-17

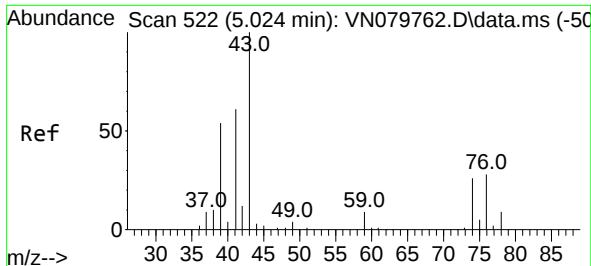
Tgt Ion:168 Resp: 185559
Ion Ratio Lower Upper
168 100
99 66.3 53.0 79.6



#16
Acetone
Concen: 43.353 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080095.D
Acq: 14 Nov 2023 17:38

Tgt Ion: 43 Resp: 43051
Ion Ratio Lower Upper
43 100
58 30.9 28.0 42.0

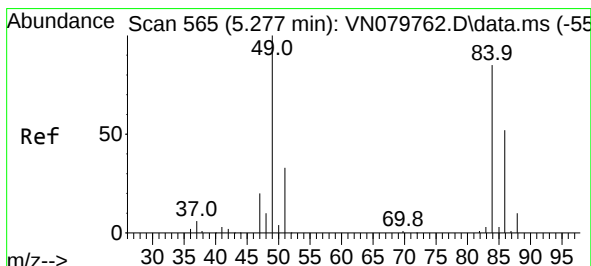
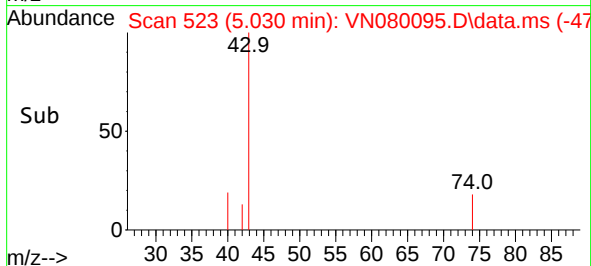
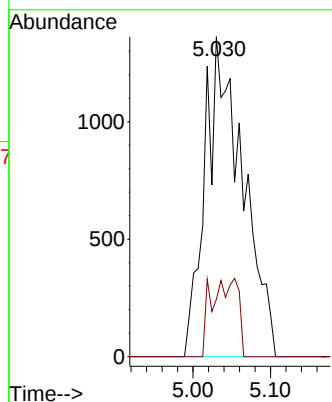
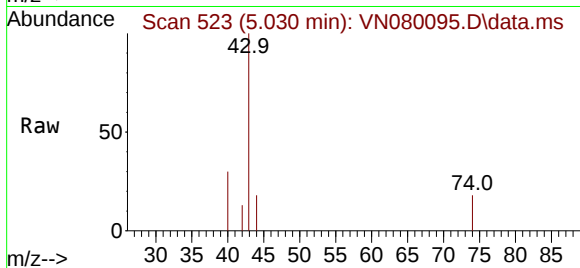




#18
Methyl Acetate
Concen: 0.967 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080095.D
Acq: 14 Nov 2023 17:38

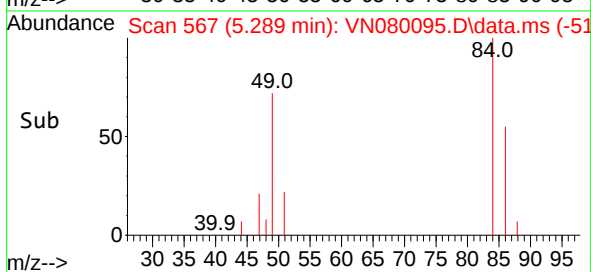
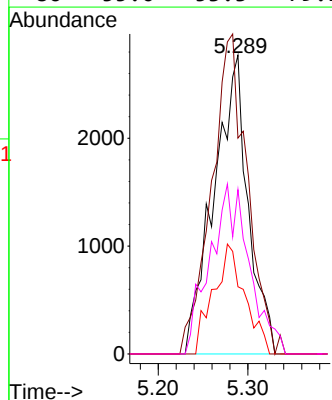
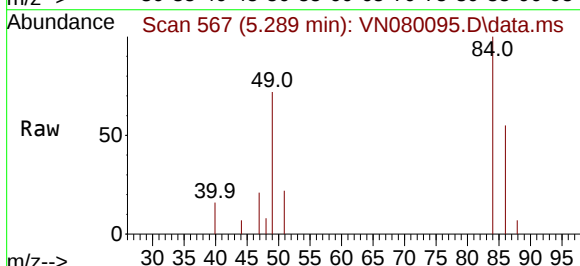
Instrument :
MSVOA_N
ClientSampleId :
S-17

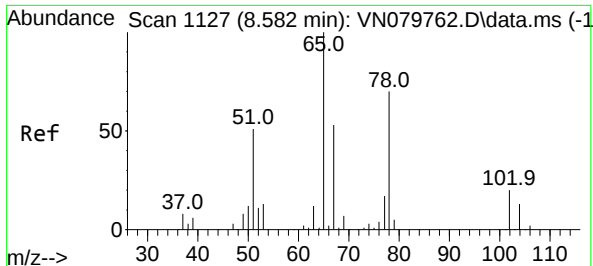
Tgt Ion: 43 Resp: 4596
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



#20
Methylene Chloride
Concen: 2.923 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.018 min
Lab File: VN080095.D
Acq: 14 Nov 2023 17:38

Tgt Ion: 84 Resp: 7323
Ion Ratio Lower Upper
84 100
49 72.3 79.7 119.5#
51 22.5 25.2 37.8#
86 55.0 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 57.170 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080095.D

Acq: 14 Nov 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

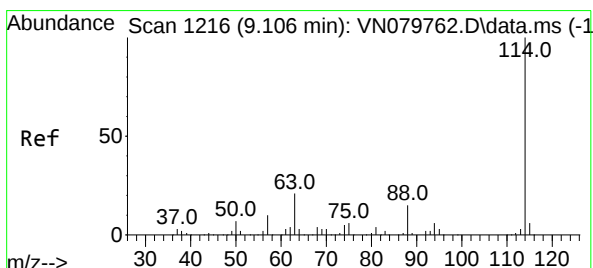
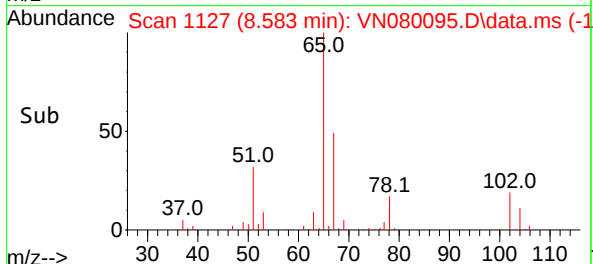
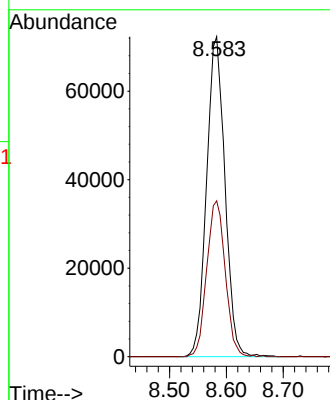
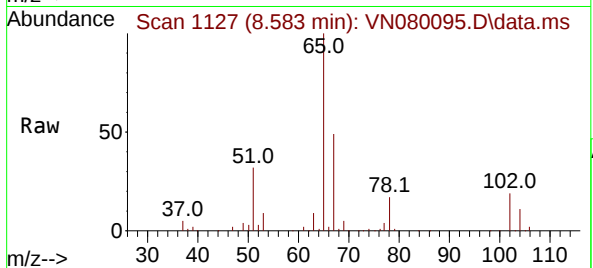
S-17

Tgt Ion: 65 Resp: 161623

Ion Ratio Lower Upper

65 100

67 49.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080095.D

Acq: 14 Nov 2023 17:38

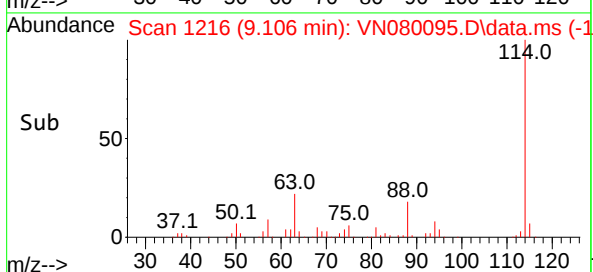
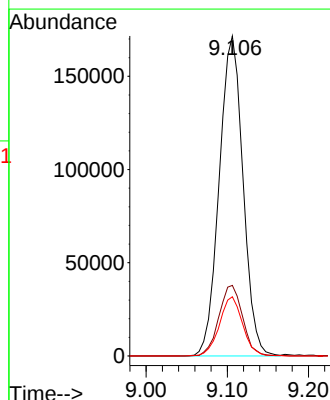
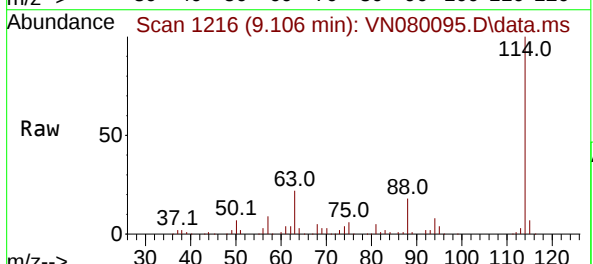
Tgt Ion: 114 Resp: 349865

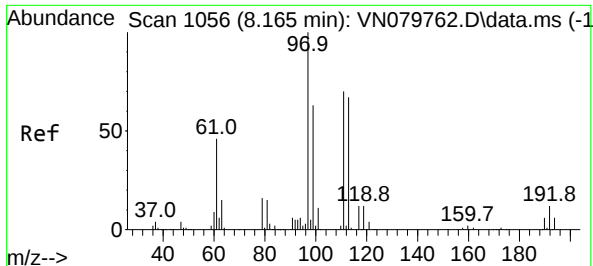
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 18.5 0.0 30.6



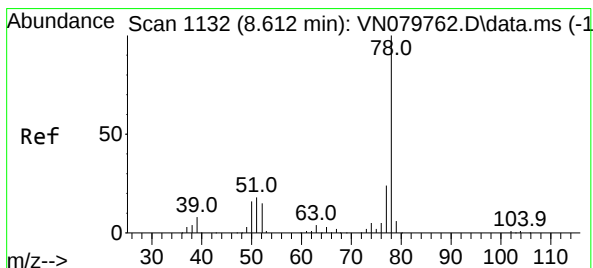
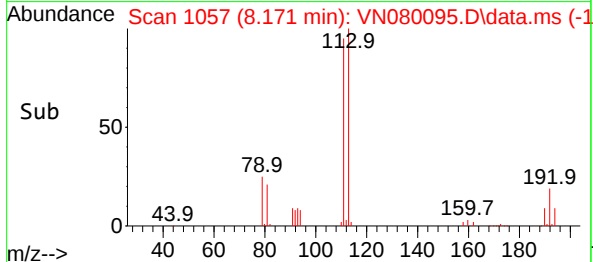
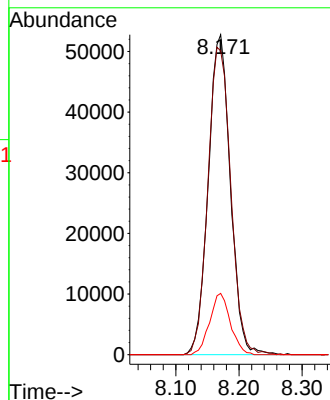
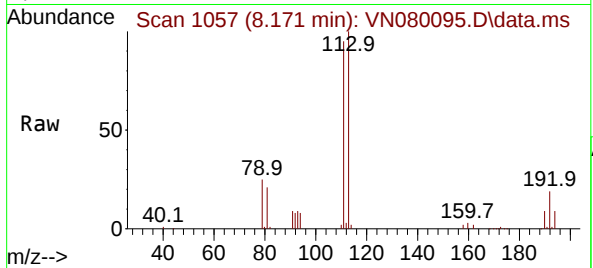


#35
 Dibromofluoromethane
 Concen: 51.731 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VN080095.D
 Acq: 14 Nov 2023 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:113 Resp: 128097

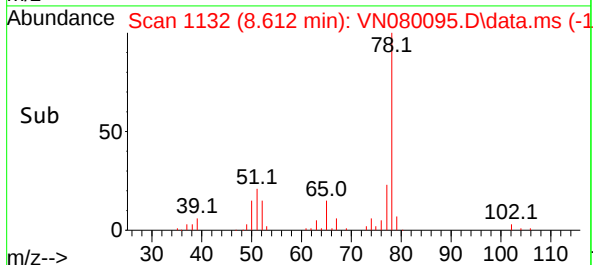
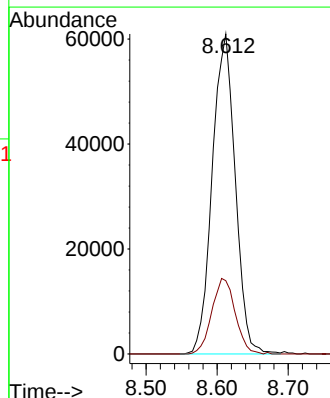
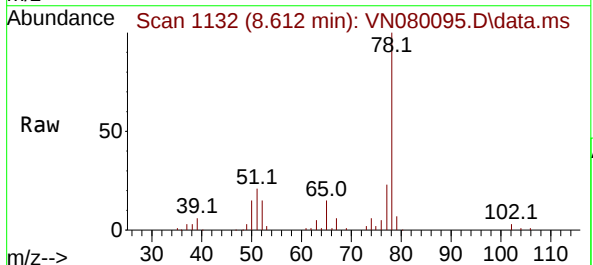
Ion	Ratio	Lower	Upper
113	100		
111	99.7	82.6	123.8
192	17.9	12.7	19.1

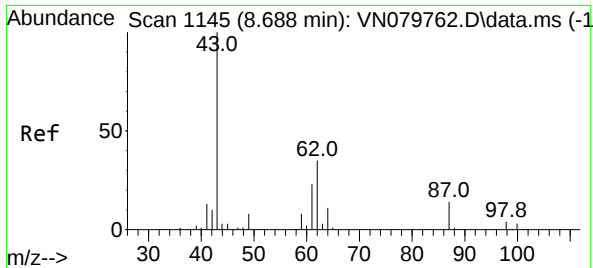


#40
 Benzene
 Concen: 12.937 ug/l
 RT: 8.612 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VN080095.D
 Acq: 14 Nov 2023 17:38

Tgt Ion: 78 Resp: 137002

Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.6

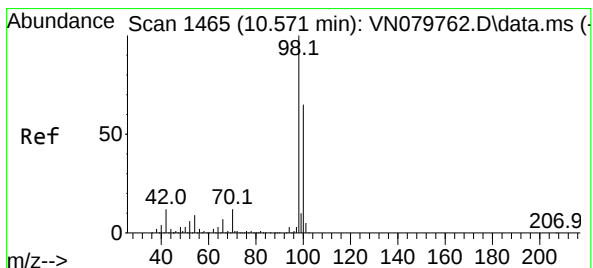
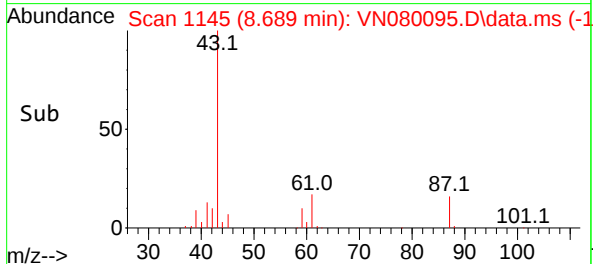
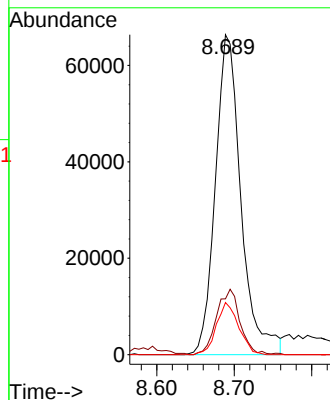
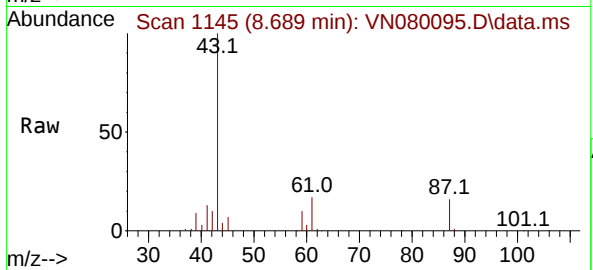




#43
Isopropyl Acetate
Concen: 26.816 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080095.D
Acq: 14 Nov 2023 17:38

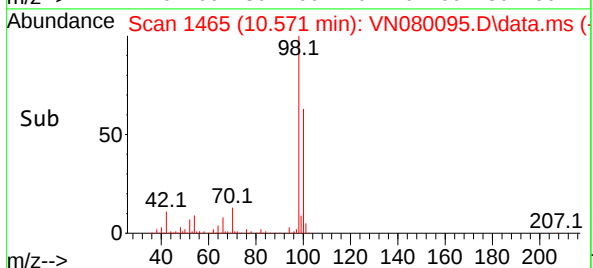
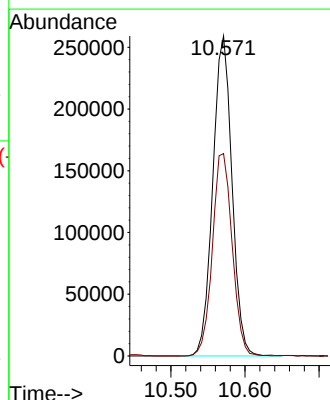
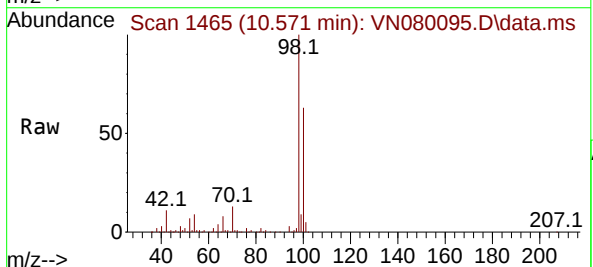
Instrument :
MSVOA_N
ClientSampleId :
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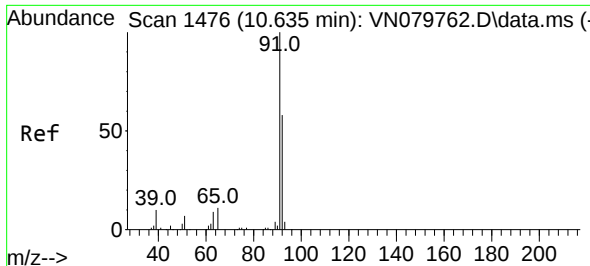
Tgt Ion: 43 Resp: 152487
Ion Ratio Lower Upper
43 100
61 18.7 24.7 37.1#
87 14.2 14.6 21.8#



#50
Toluene-d8
Concen: 51.073 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080095.D
Acq: 14 Nov 2023 17:38

Tgt Ion: 98 Resp: 465573
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

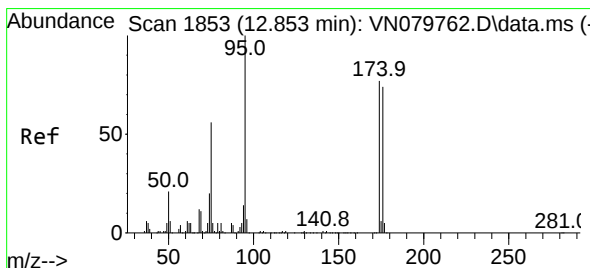
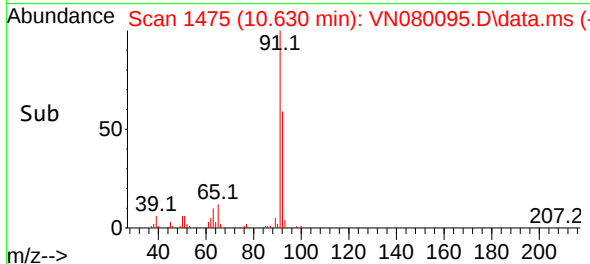
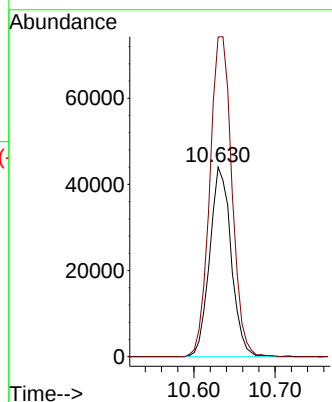
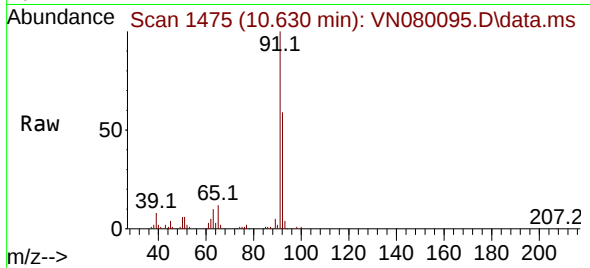




#52
Toluene
Concen: 12.836 ug/l
RT: 10.630 min Scan# 1476
Delta R.T. -0.005 min
Lab File: VN080095.D
Acq: 14 Nov 2023 17:38

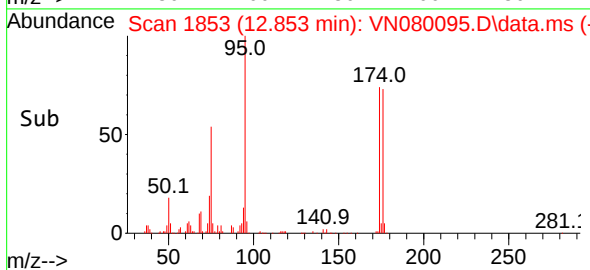
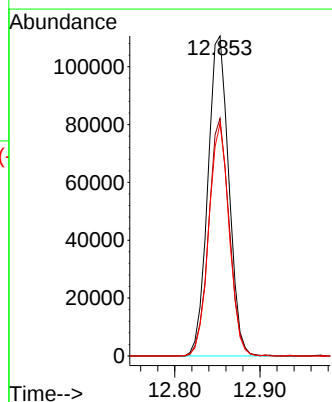
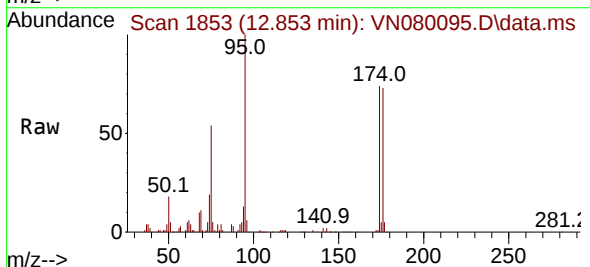
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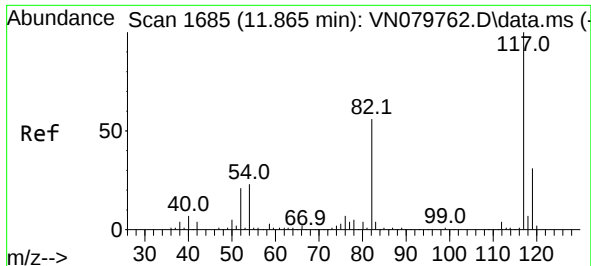
Tgt Ion: 92 Resp: 80587
Ion Ratio Lower Upper
92 100
91 174.8 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 62.403 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080095.D
Acq: 14 Nov 2023 17:38

Tgt Ion: 95 Resp: 188659
Ion Ratio Lower Upper
95 100
174 72.7 0.0 143.8
176 70.7 0.0 135.8

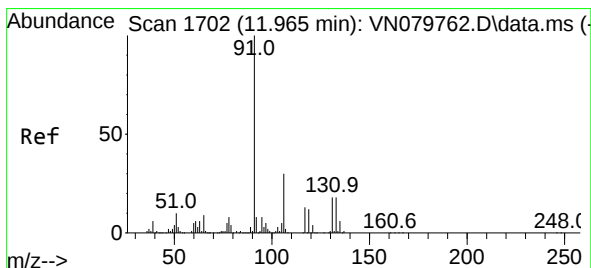
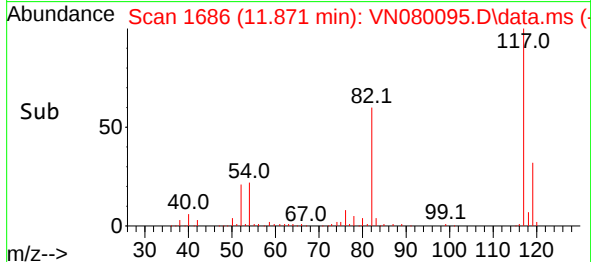
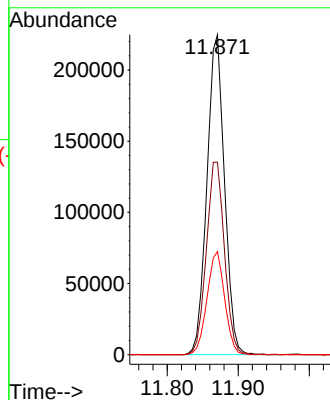
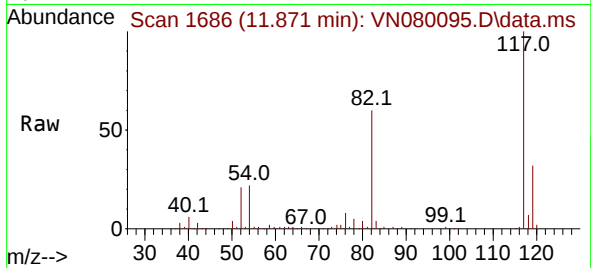




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080095.D
Acq: 14 Nov 2023 17:38

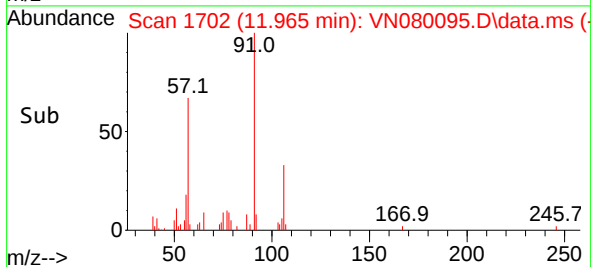
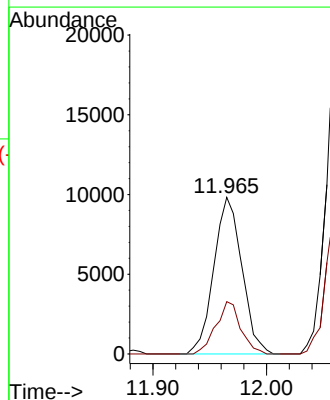
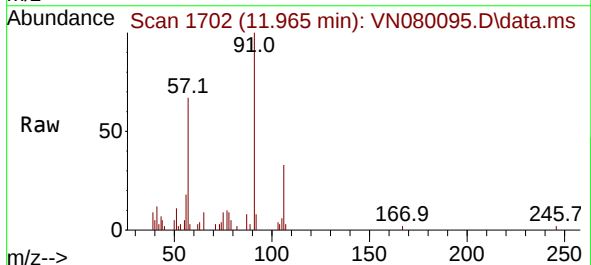
Instrument :
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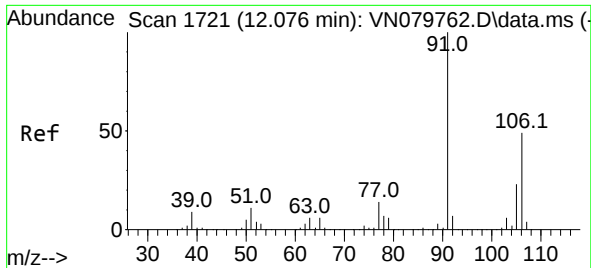
Tgt Ion:117 Resp: 386561
Ion Ratio Lower Upper
117 100
82 60.2 44.0 66.0
119 32.2 25.6 38.4



#67
Ethyl Benzene
Concen: 1.154 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080095.D
Acq: 14 Nov 2023 17:38

Tgt Ion: 91 Resp: 16866
Ion Ratio Lower Upper
91 100
106 33.4 25.6 38.4

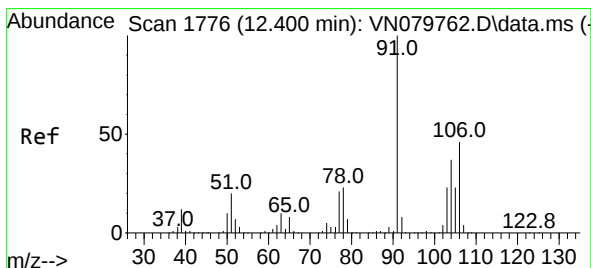
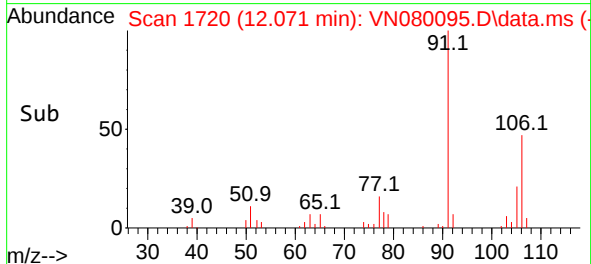
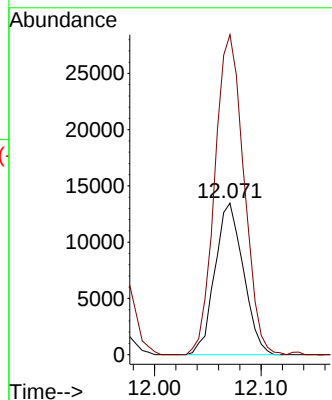
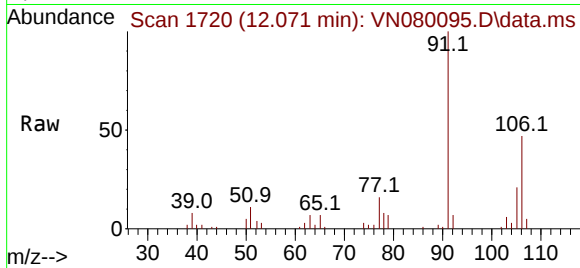




#68
m/p-Xylenes
Concen: 4.587 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080095.D
Acq: 14 Nov 2023 17:38

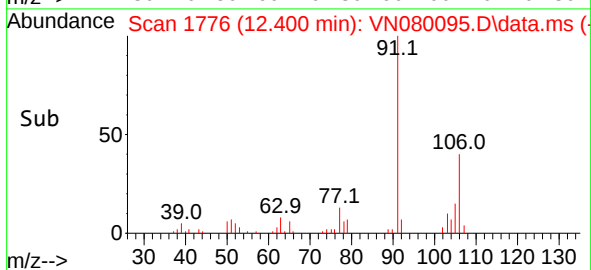
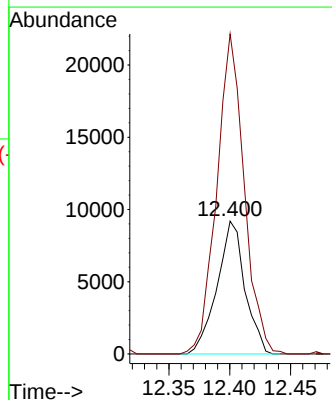
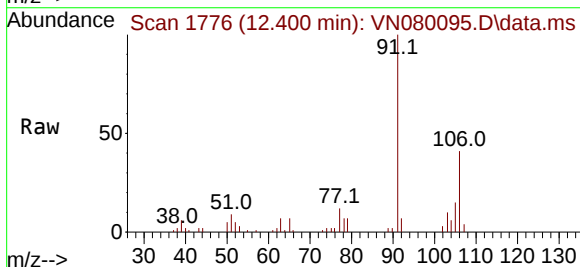
Instrument :
MSVOA_N
ClientSampleId :
S-17

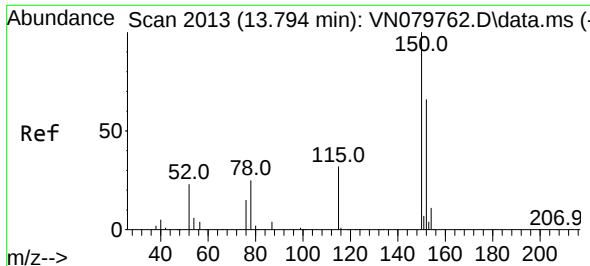
Tgt Ion:106 Resp: 24966
Ion Ratio Lower Upper
106 100
91 216.0 159.6 239.4



#69
o-Xylene
Concen: 2.792 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080095.D
Acq: 14 Nov 2023 17:38

Tgt Ion:106 Resp: 14632
Ion Ratio Lower Upper
106 100
91 237.1 105.2 315.5

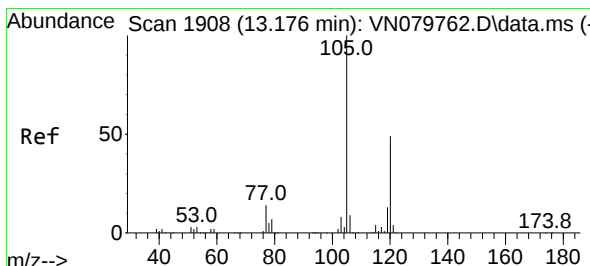
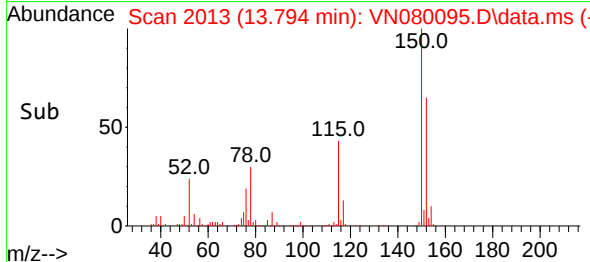
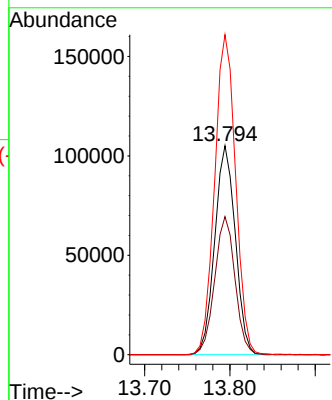
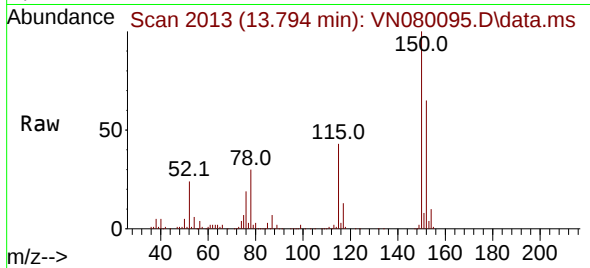




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080095.D
Acq: 14 Nov 2023 17:38

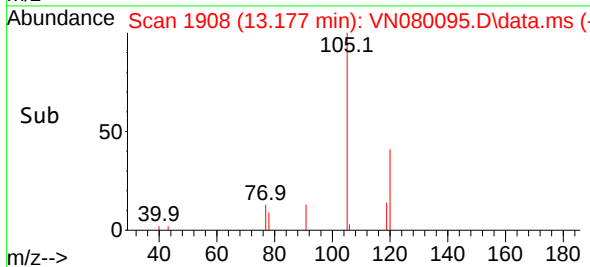
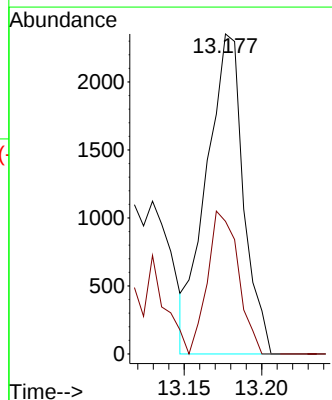
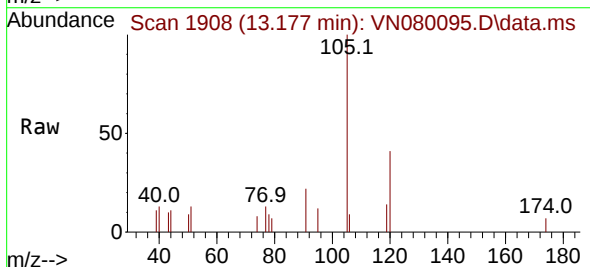
Instrument :
MSVOA_N
ClientSampleId :
S-17

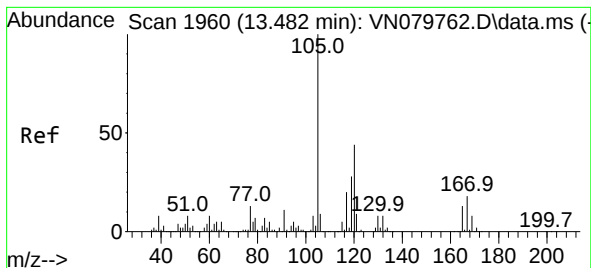
Tgt Ion:152 Resp: 176209
Ion Ratio Lower Upper
152 100
115 65.4 32.3 96.8
150 155.9 0.0 355.8



#80
1,3,5-Trimethylbenzene
Concen: 0.377 ug/l
RT: 13.177 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080095.D
Acq: 14 Nov 2023 17:38

Tgt Ion:105 Resp: 3924
Ion Ratio Lower Upper
105 100
120 36.9 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 1.022 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080095.D

Acq: 14 Nov 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

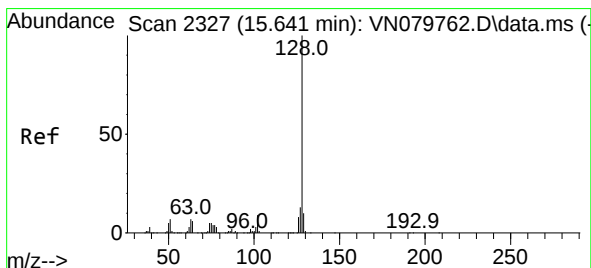
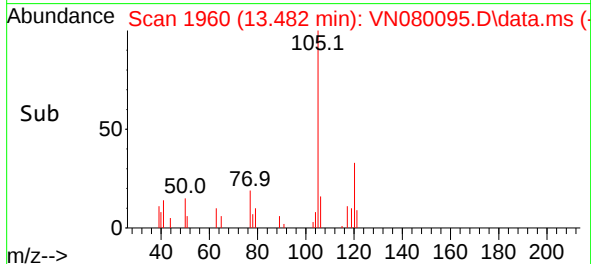
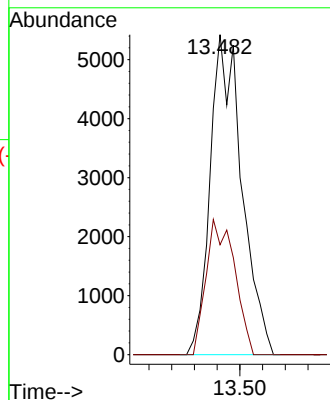
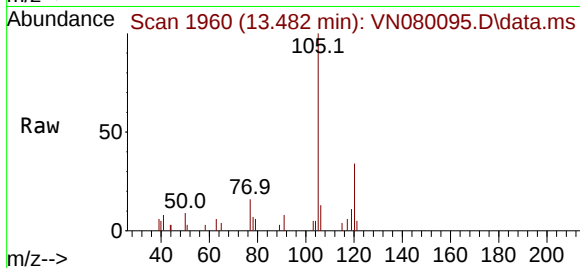
S-17

Tgt Ion:105 Resp: 10458

Ion Ratio Lower Upper

105 100

120 38.2 22.0 66.0



#95

Naphthalene

Concen: 8.529 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080095.D

Acq: 14 Nov 2023 17:38

Tgt Ion:128 Resp: 79078

Ion Ratio Lower Upper

128 100

127 12.1 10.0 15.0

129 11.5 8.7 13.1

