

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062723\
 Data File : VN078426.D
 Acq On : 27 Jun 2023 19:05
 Operator : JC\MD
 Sample : 03417-03 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1622

Quant Time: Jun 28 07:14:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

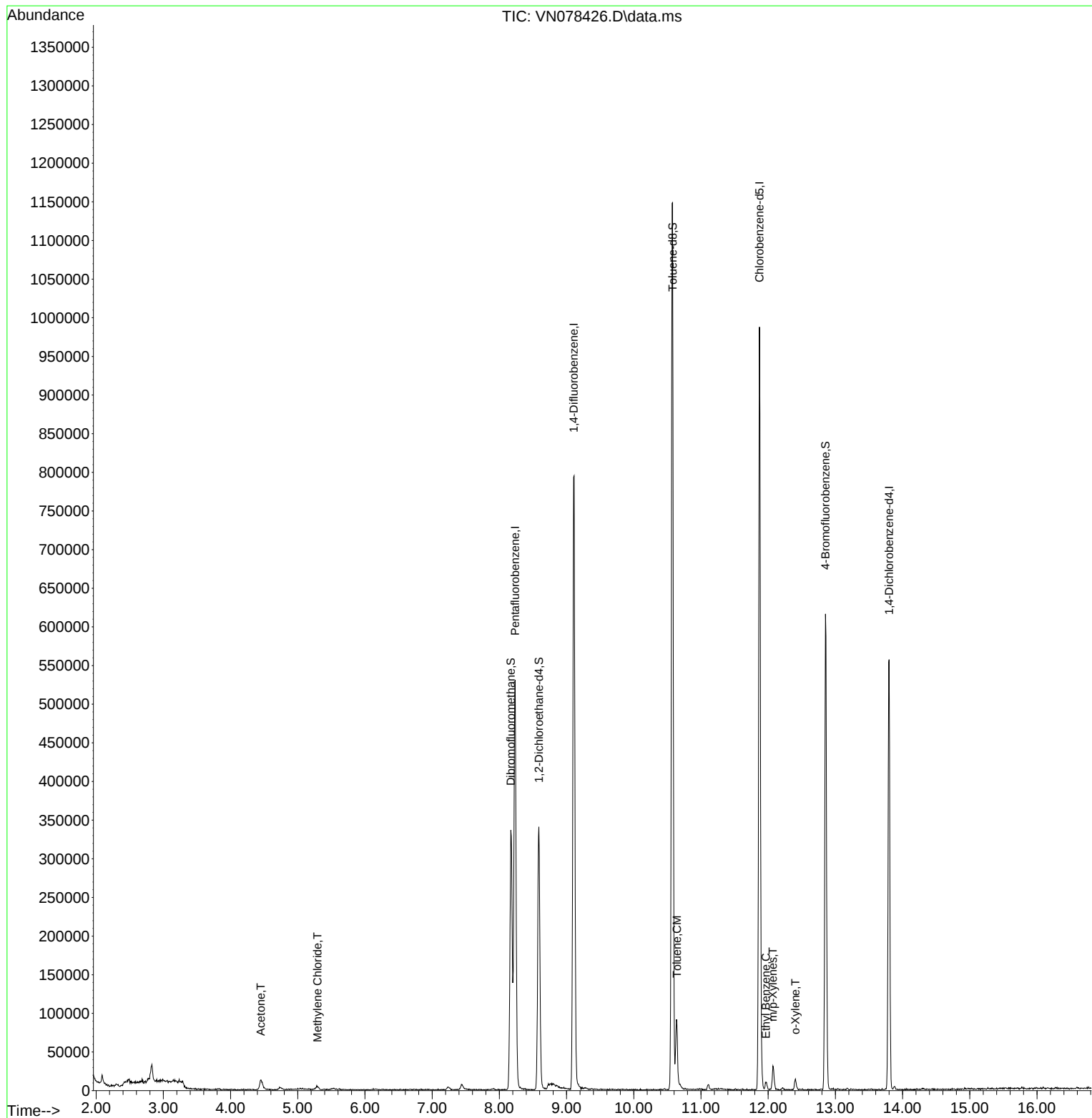
Internal Standards						
1) Pentafluorobenzene	8.235	168	386139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	719475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	593554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	157866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	280084	54.402	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.800%	
35) Dibromofluoromethane	8.171	113	245305	53.923	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.840%	
50) Toluene-d8	10.576	98	851643	48.561	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.120%	
62) 4-Bromofluorobenzene	12.853	95	220049	40.362	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 80.720%#	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	24229	16.350	ug/l	95
20) Methylene Chloride	5.294	84	3166	0.647	ug/l #	82
52) Toluene	10.641	92	38453	3.126	ug/l	100
67) Ethyl Benzene	11.965	91	7427	0.339	ug/l	96
68) m/p-Xylenes	12.070	106	10193	1.219	ug/l	99
69) o-Xylene	12.406	106	3659	0.446	ug/l	97

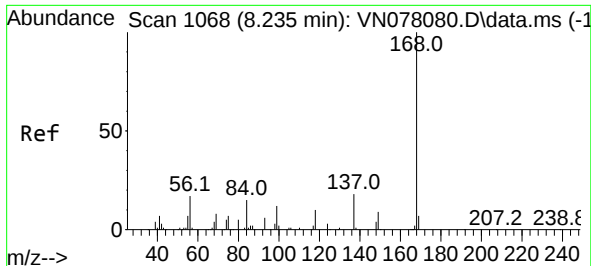
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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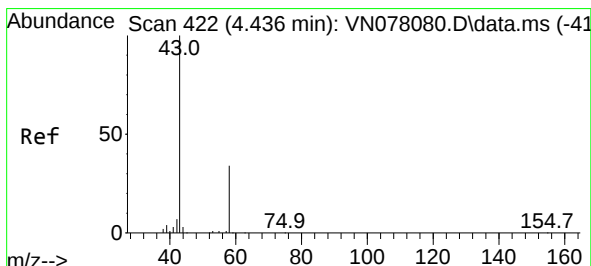
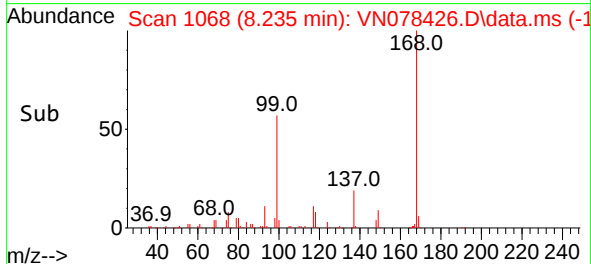
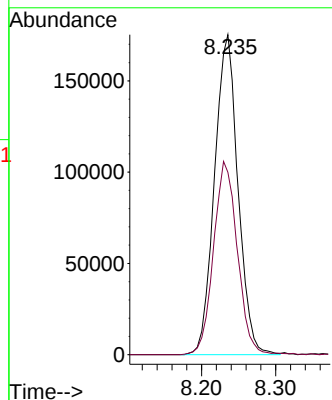
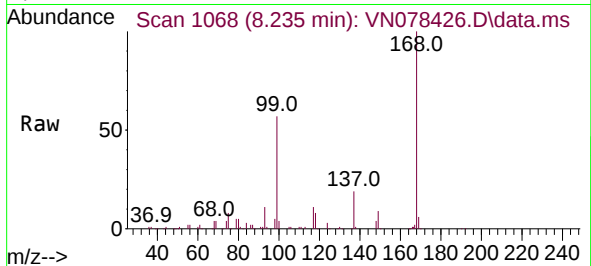




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN078426.D
Acq: 27 Jun 2023 19:05

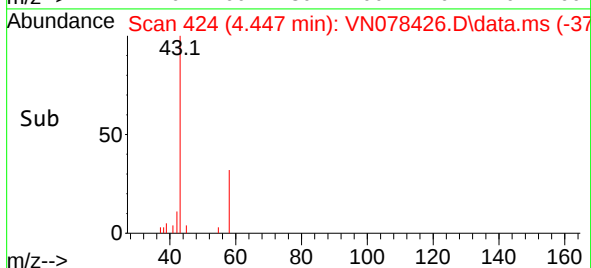
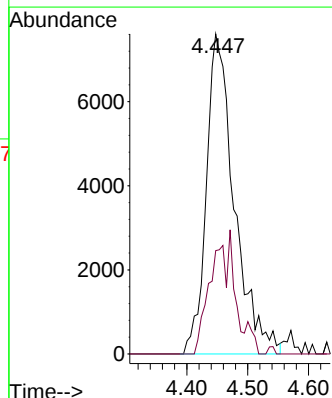
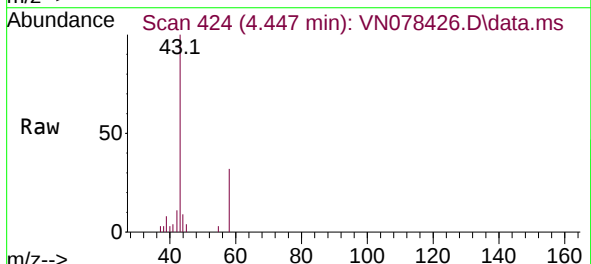
Instrument :
MSVOA_N
ClientSampleId :
1622

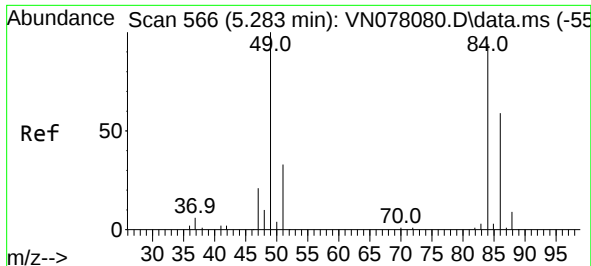
Tgt Ion:168 Resp: 386139
Ion Ratio Lower Upper
168 100
99 57.0 53.0 79.6



#16
Acetone
Concen: 16.350 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078426.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 43 Resp: 24229
Ion Ratio Lower Upper
43 100
58 32.3 28.0 42.0

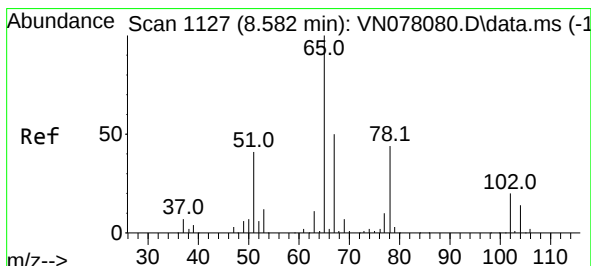
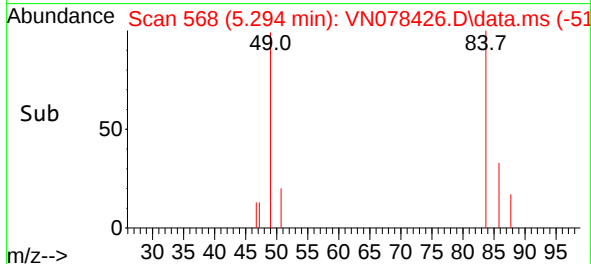
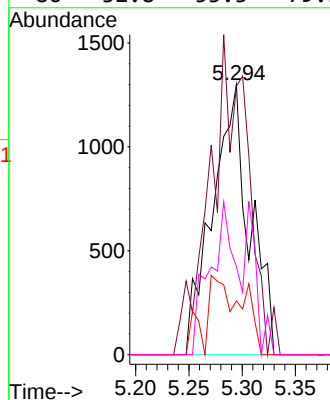
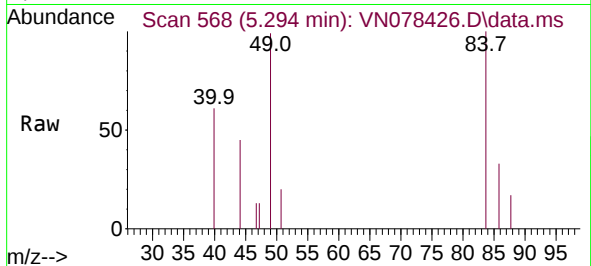




#20
Methylene Chloride
Concen: 0.647 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078426.D
Acq: 27 Jun 2023 19:05

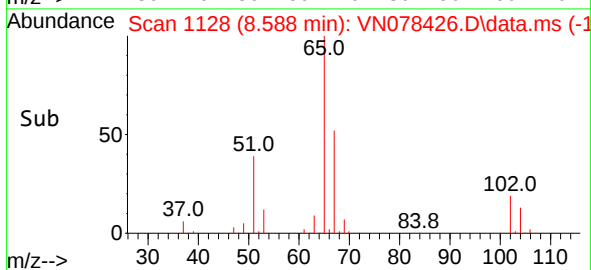
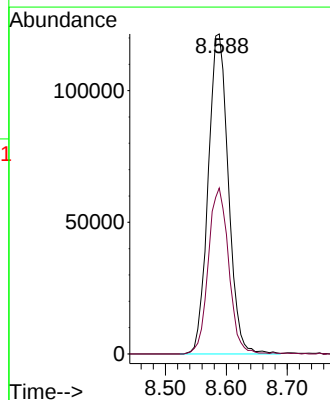
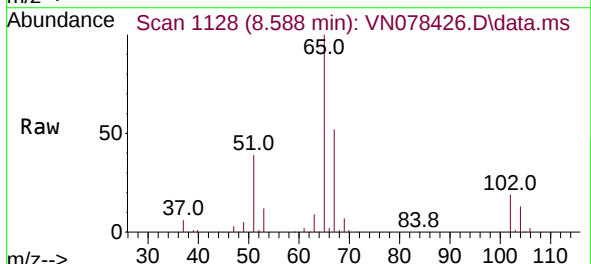
Instrument :
MSVOA_N
ClientSampleId :
1622

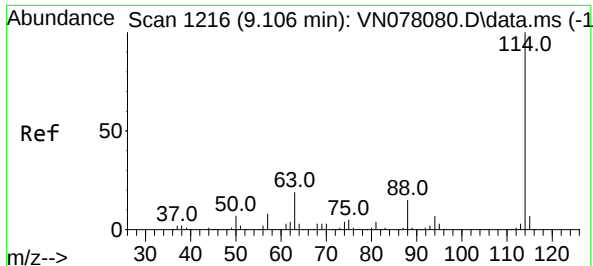
Tgt Ion: 84	Resp: 3166
Ion Ratio	Lower Upper
84 100	
49 99.3	79.7 119.5
51 19.9	25.2 37.8#
86 32.8	53.3 79.9#



#33
1,2-Dichloroethane-d4
Concen: 54.402 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078426.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 65	Resp: 280084
Ion Ratio	Lower Upper
65 100	
67 52.3	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078426.D

Acq: 27 Jun 2023 19:05

Instrument :

MSVOA_N

ClientSampleId :

1622

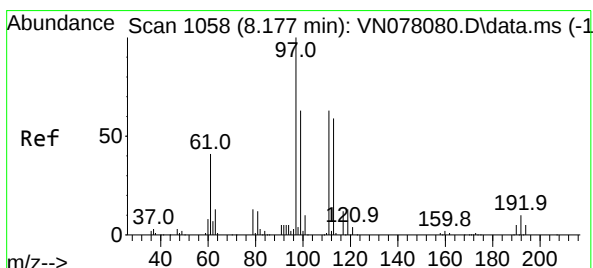
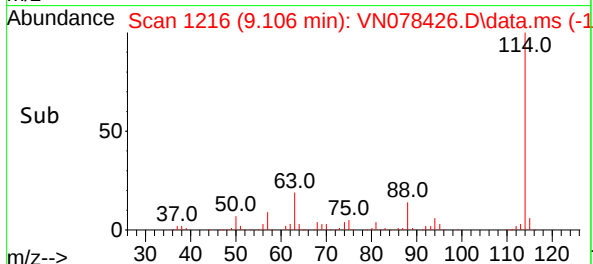
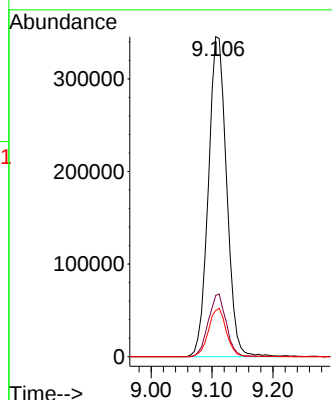
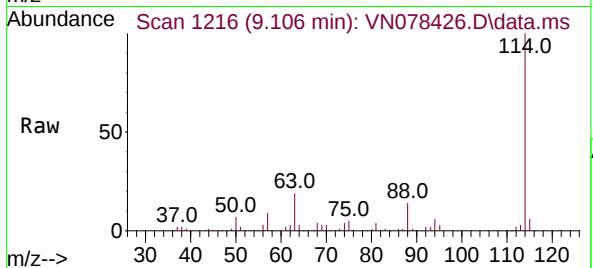
Tgt Ion:114 Resp: 719475

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.923 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078426.D

Acq: 27 Jun 2023 19:05

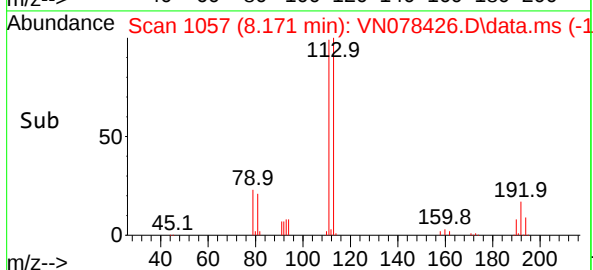
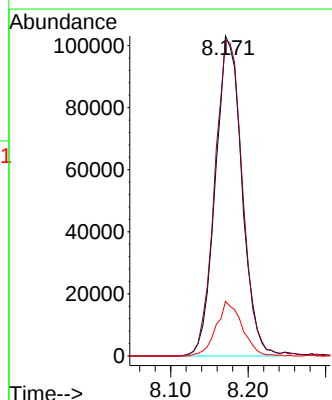
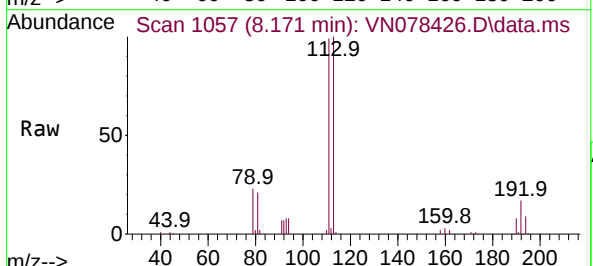
Tgt Ion:113 Resp: 245305

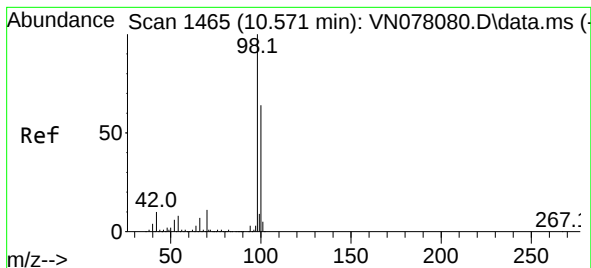
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 16.6 12.7 19.1

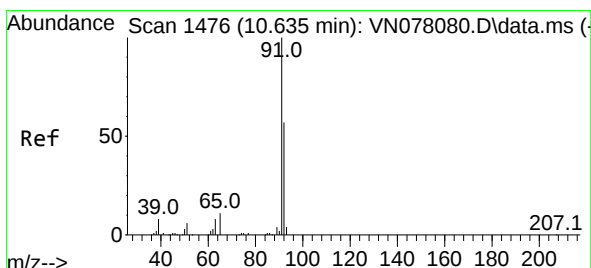
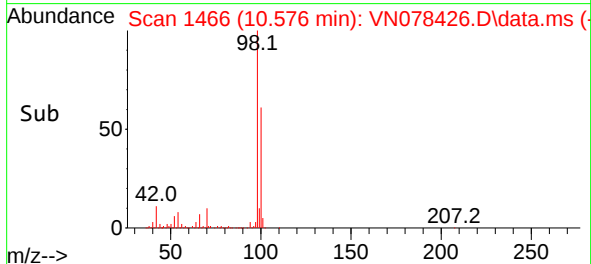
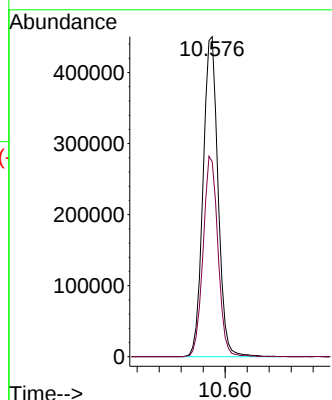
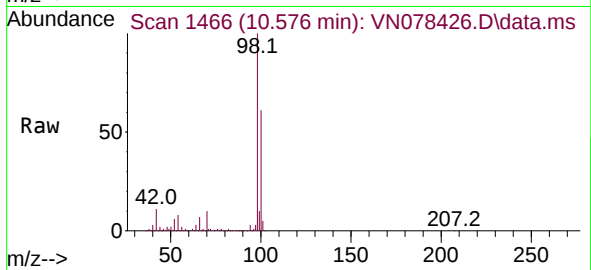




#50
Toluene-d8
Concen: 48.561 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078426.D
Acq: 27 Jun 2023 19:05

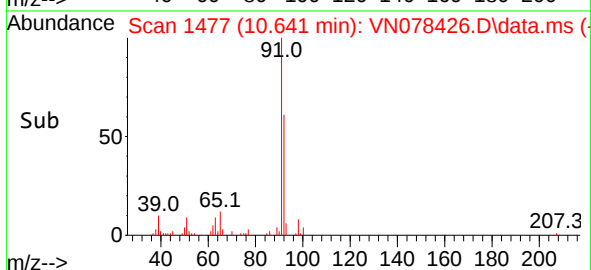
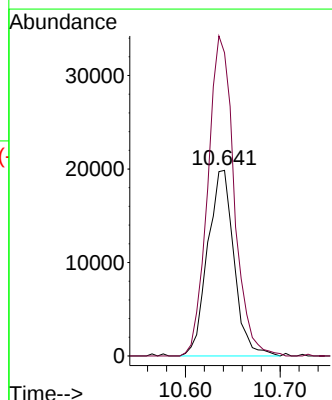
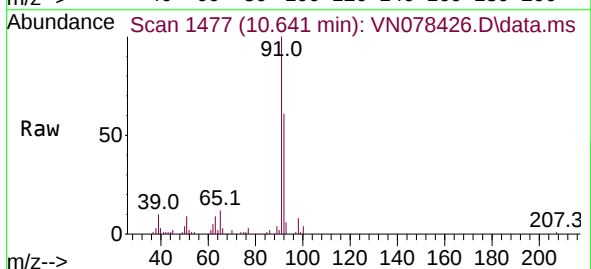
Instrument :
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ClientSampleId :
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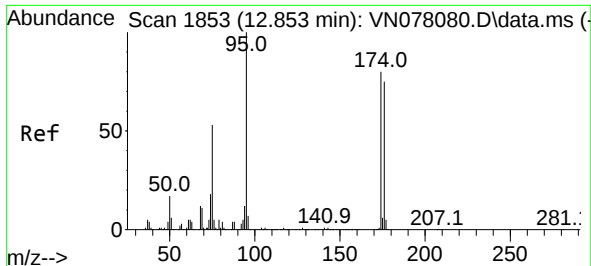
Tgt Ion: 98 Resp: 851643
Ion Ratio Lower Upper
98 100
100 62.2 52.0 78.0



#52
Toluene
Concen: 3.126 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VN078426.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 92 Resp: 38453
Ion Ratio Lower Upper
92 100
91 172.3 137.4 206.0

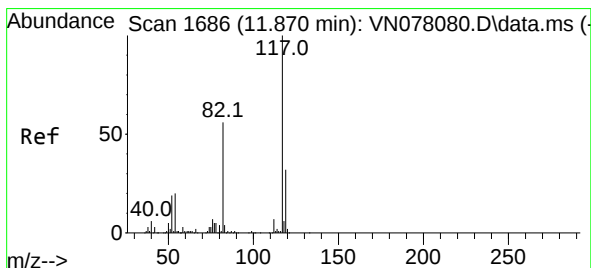
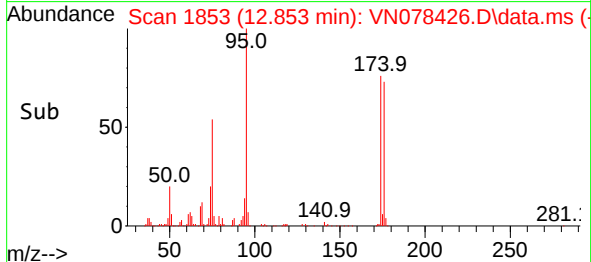
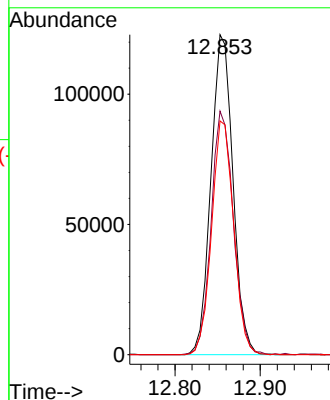
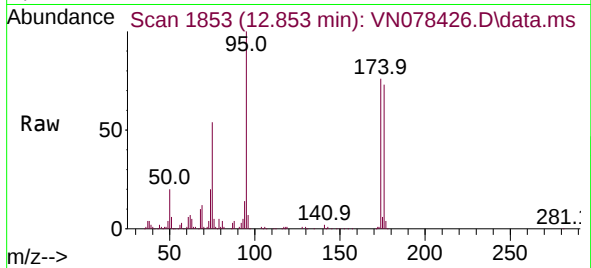




#62
4-Bromofluorobenzene
Concen: 40.362 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078426.D
Acq: 27 Jun 2023 19:05

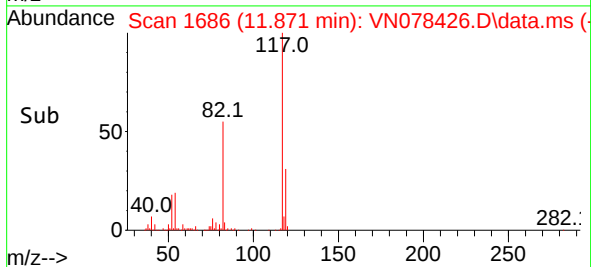
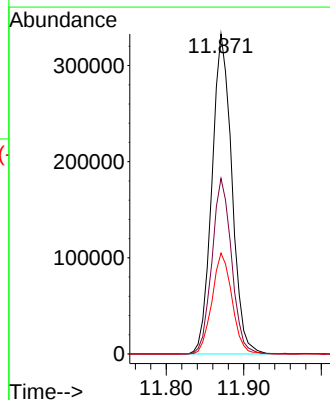
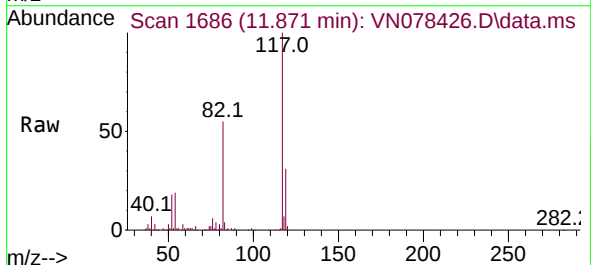
Instrument :
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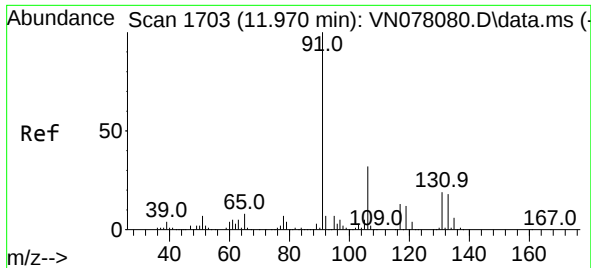
Tgt Ion: 95 Resp: 220049
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.8
176 73.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078426.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 117 Resp: 593554
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 31.5 25.6 38.4

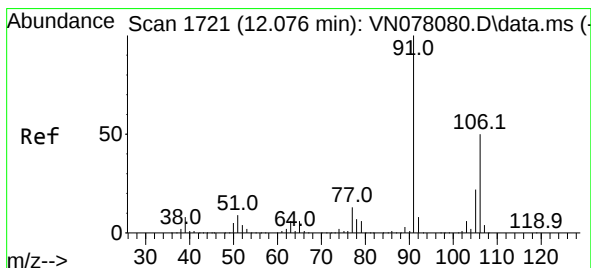
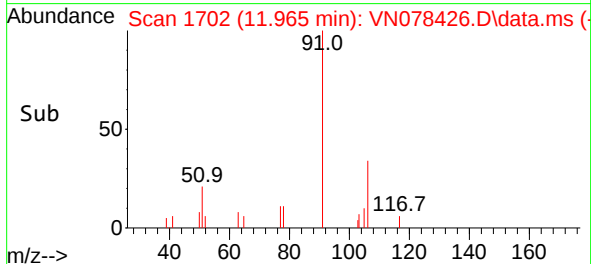
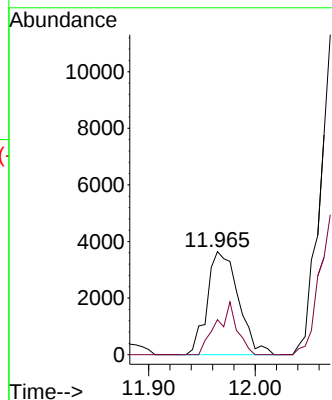
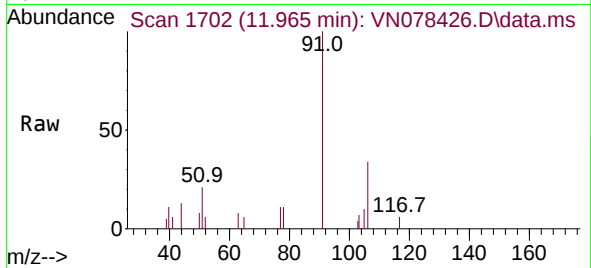




#67
Ethyl Benzene
Concen: 0.339 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN078426.D
Acq: 27 Jun 2023 19:05

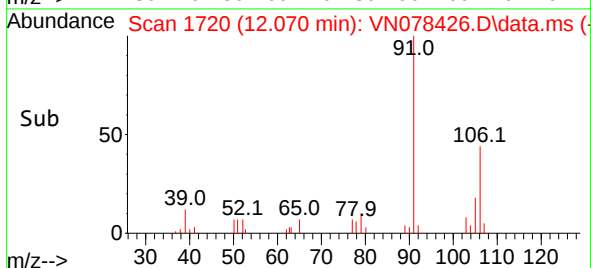
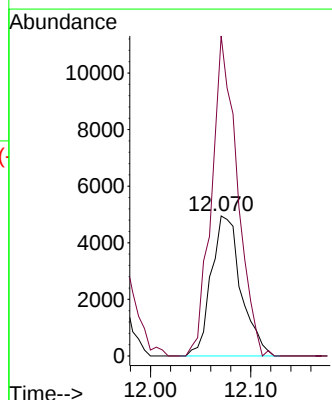
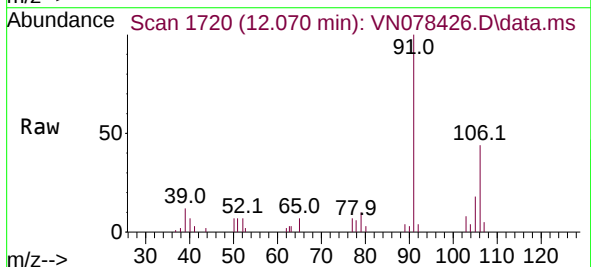
Instrument :
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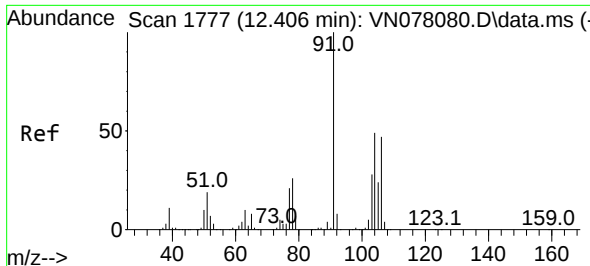
Tgt Ion: 91 Resp: 7427
Ion Ratio Lower Upper
91 100
106 34.1 25.6 38.4



#68
m/p-Xylenes
Concen: 1.219 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN078426.D
Acq: 27 Jun 2023 19:05

Tgt Ion: 106 Resp: 10193
Ion Ratio Lower Upper
106 100
91 198.4 159.6 239.4

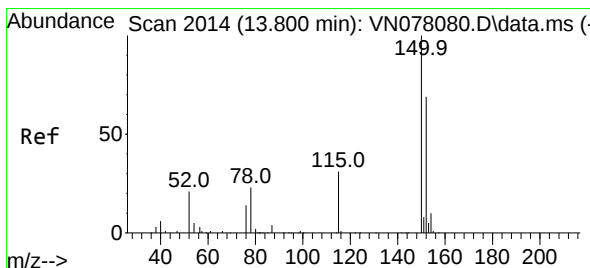
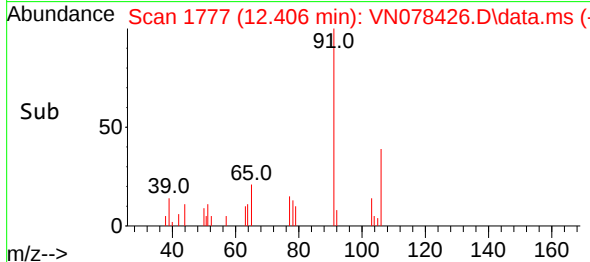
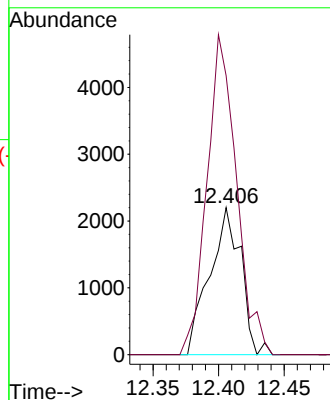
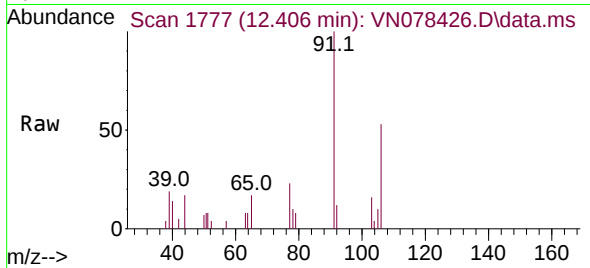




#69
o-Xylene
Concen: 0.446 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078426.D
Acq: 27 Jun 2023 19:05

Instrument :
MSVOA_N
ClientSampleId :
1622

Tgt Ion:106 Resp: 3659
Ion Ratio Lower Upper
106 100
91 205.5 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078426.D
Acq: 27 Jun 2023 19:05

Tgt Ion:152 Resp: 157866
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 156.6 0.0 355.8

