

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060723\
 Data File : VN078099.D
 Acq On : 07 Jun 2023 13:28
 Operator : JC\MD
 Sample : 03066-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 606

Quant Time: Jun 08 05:27:49 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)

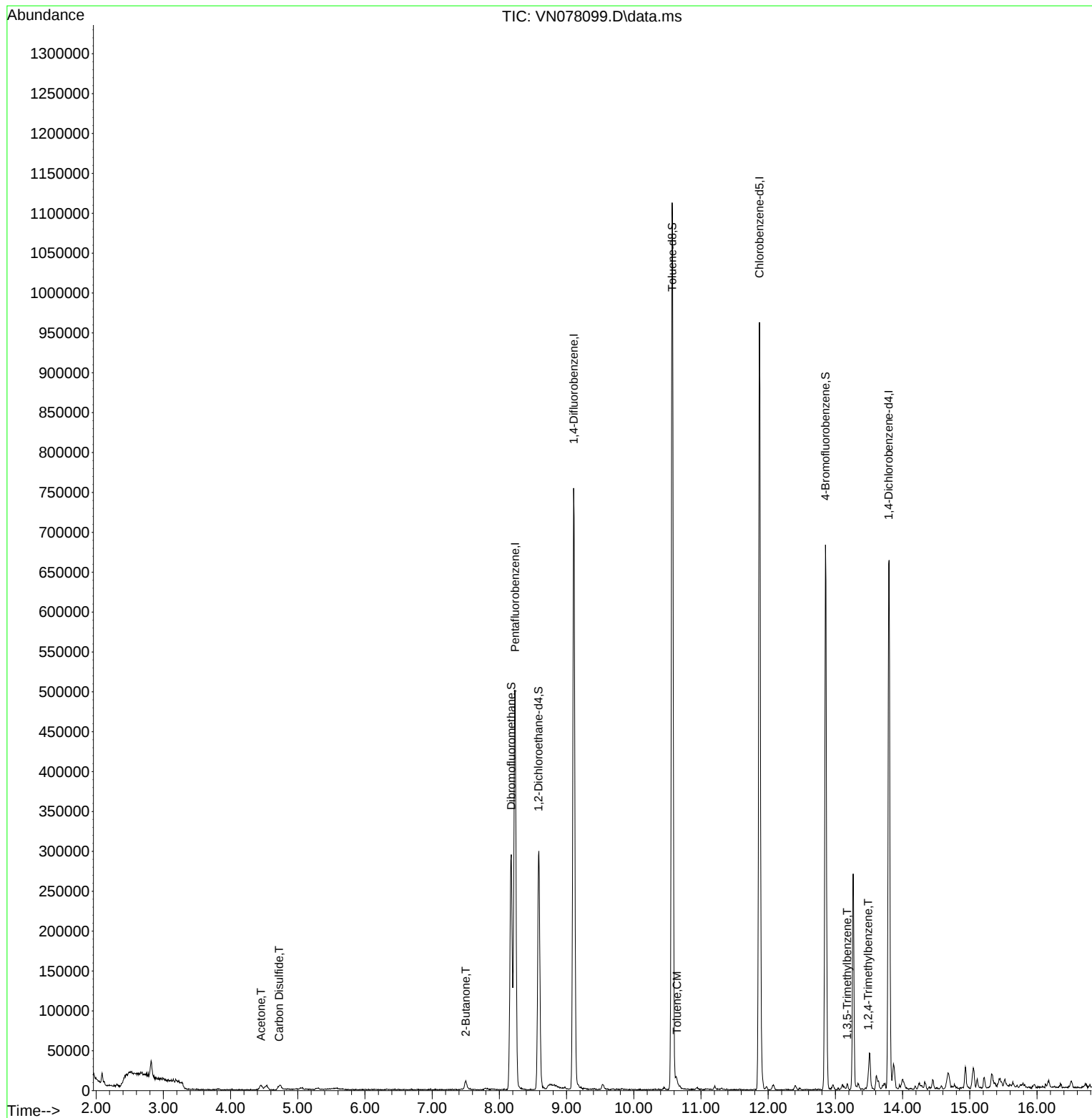
Internal Standards						
1) Pentafluorobenzene	8.236	168	363063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	674379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	592051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	251521	51.959	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.920%	
35) Dibromofluoromethane	8.177	113	215481	50.535	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.060%	
50) Toluene-d8	10.571	98	821729	49.989	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.980%	
62) 4-Bromofluorobenzene	12.853	95	237069	46.391	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.780%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	9984	7.165	ug/l	97
17) Carbon Disulfide	4.724	76	5982	0.586	ug/l	100
25) 2-Butanone	7.500	43	18059	8.428	ug/l #	74
52) Toluene	10.641	92	3424	0.297	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	3881	0.268	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	7995	0.569	ug/l	98

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

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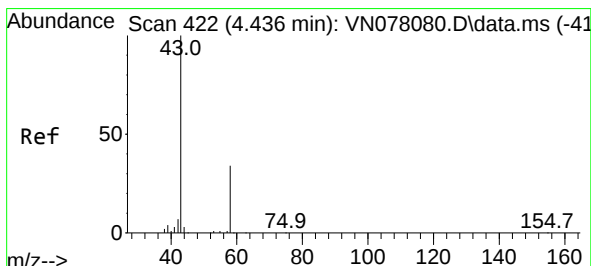
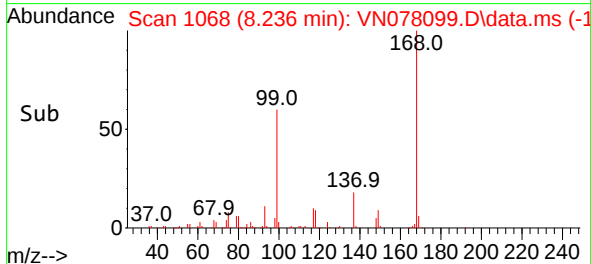
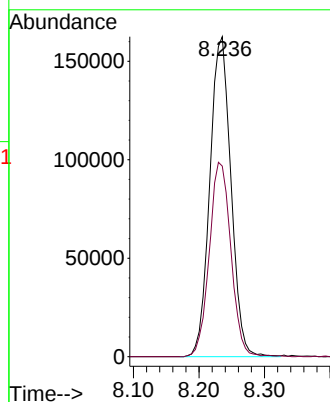
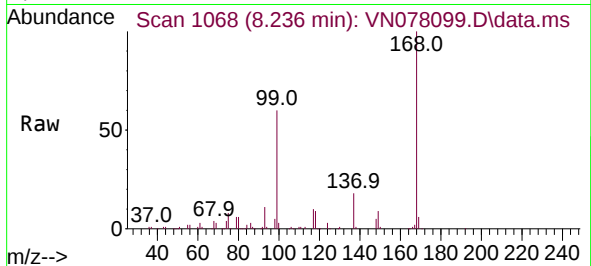




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN078099.D
Acq: 07 Jun 2023 13:28

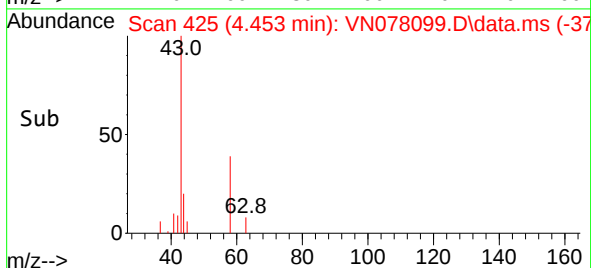
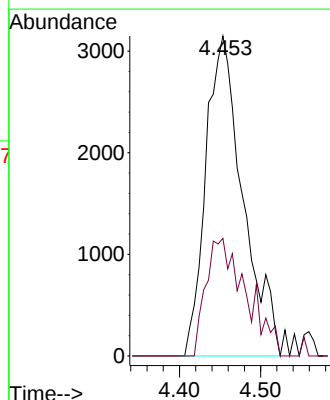
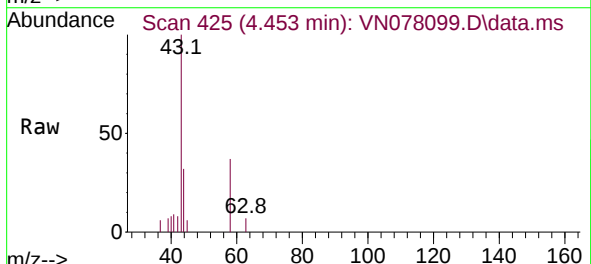
Instrument :
MSVOA_N
ClientSampleId :
606

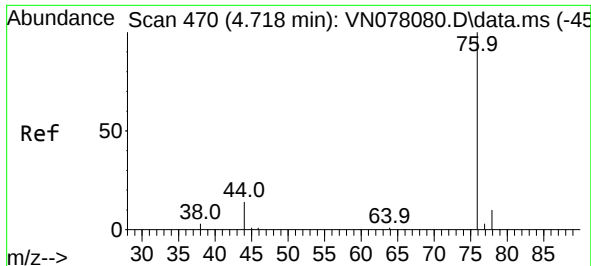
Tgt Ion:168 Resp: 363063
Ion Ratio Lower Upper
168 100
99 59.6 53.0 79.6



#16
Acetone
Concen: 7.165 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078099.D
Acq: 07 Jun 2023 13:28

Tgt Ion: 43 Resp: 9984
Ion Ratio Lower Upper
43 100
58 36.7 28.0 42.0

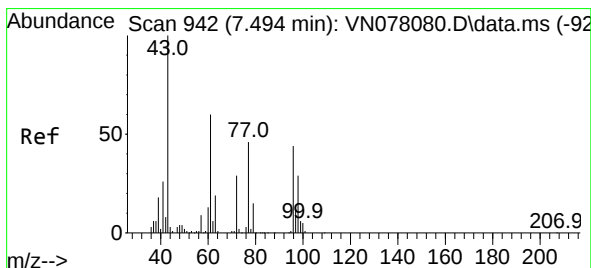
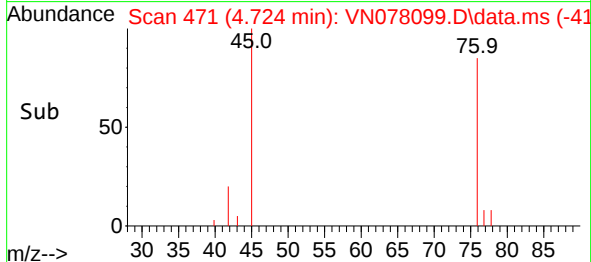
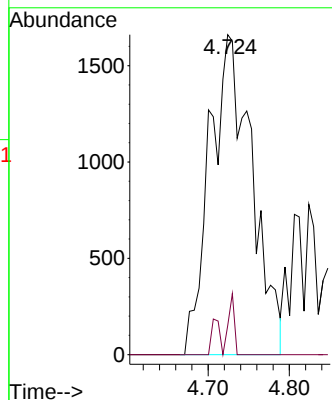
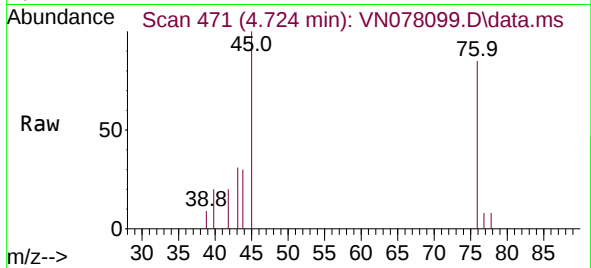




#17
Carbon Disulfide
Concen: 0.586 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078099.D
Acq: 07 Jun 2023 13:28

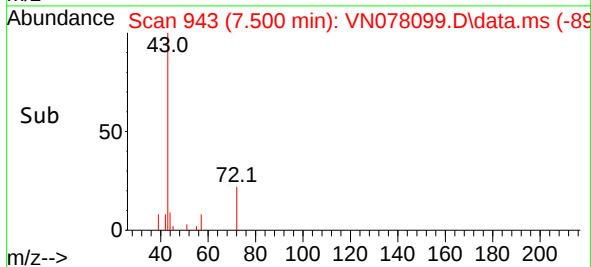
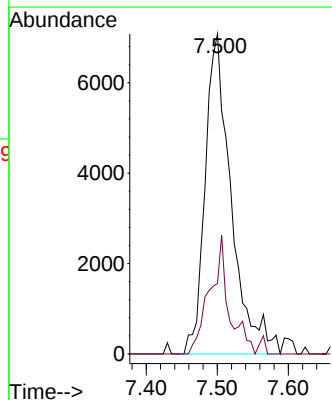
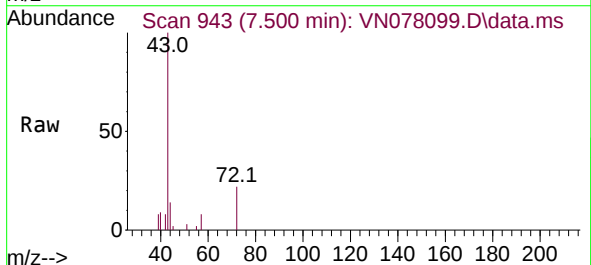
Instrument :
MSVOA_N
ClientSampleId :
606

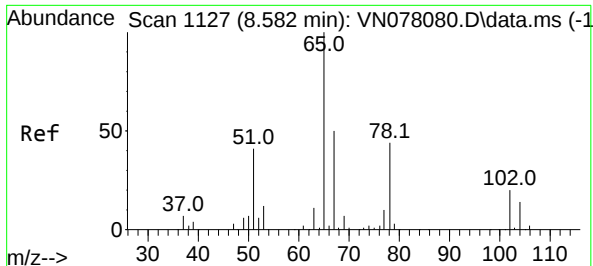
Tgt Ion: 76 Resp: 5982
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#25
2-Butanone
Concen: 8.428 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078099.D
Acq: 07 Jun 2023 13:28

Tgt Ion: 43 Resp: 18059
Ion Ratio Lower Upper
43 100
72 22.0 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 51.959 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078099.D

Acq: 07 Jun 2023 13:28

Instrument :

MSVOA_N

ClientSampleId :

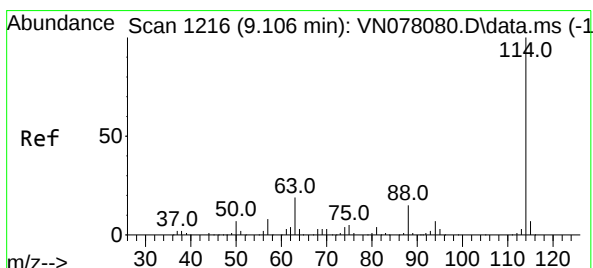
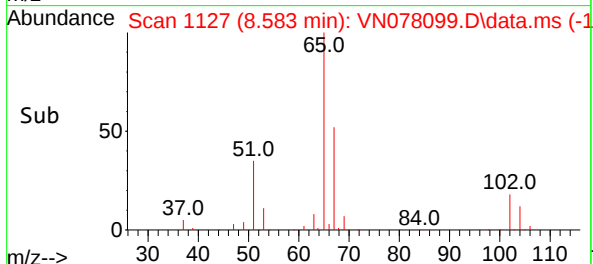
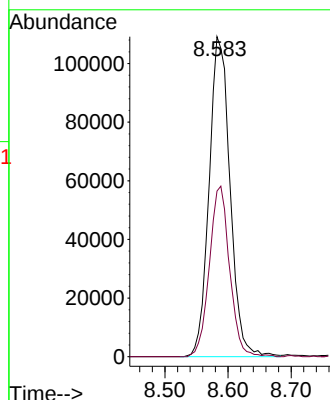
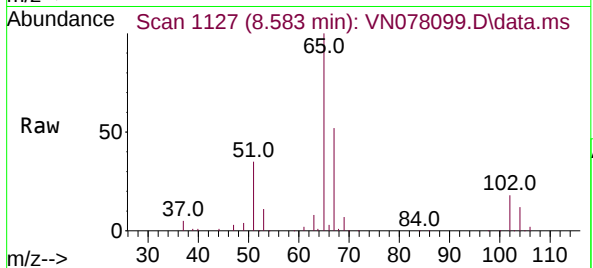
606

Tgt Ion: 65 Resp: 251521

Ion Ratio Lower Upper

65 100

67 51.5 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: VN078099.D

Acq: 07 Jun 2023 13:28

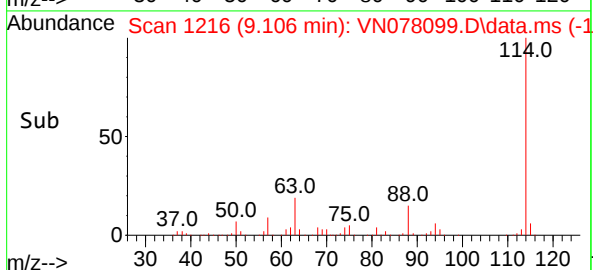
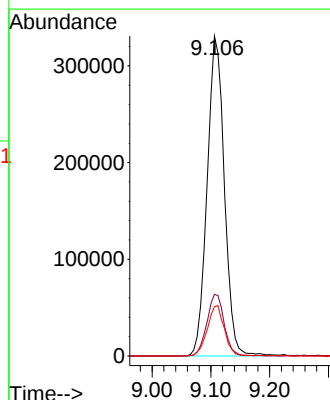
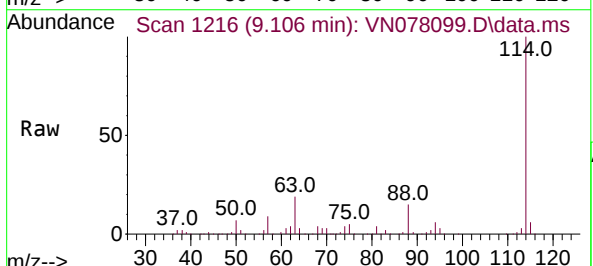
Tgt Ion: 114 Resp: 674379

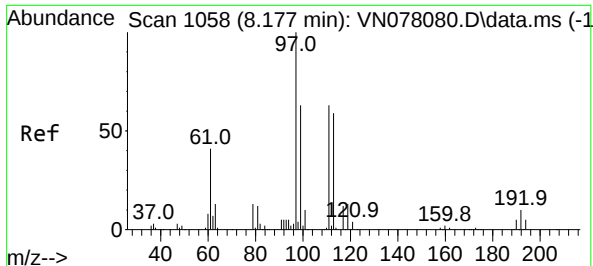
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 15.4 0.0 30.6

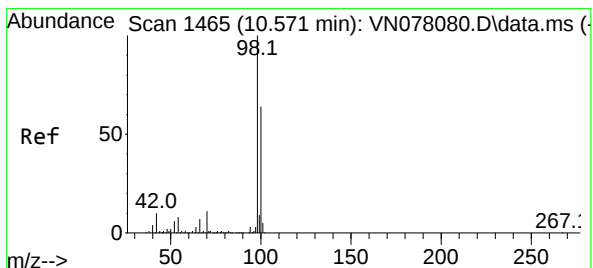
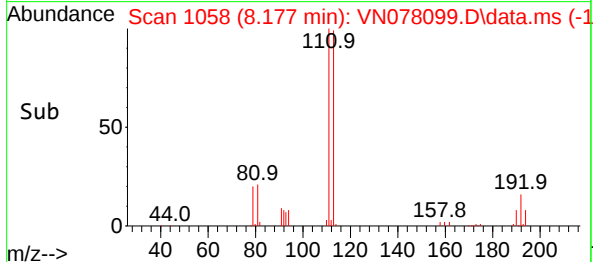
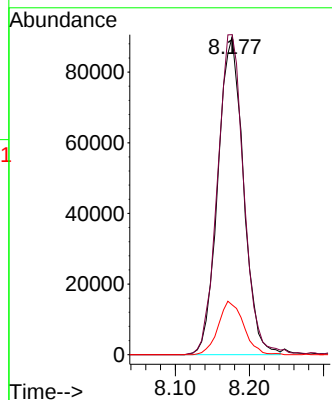
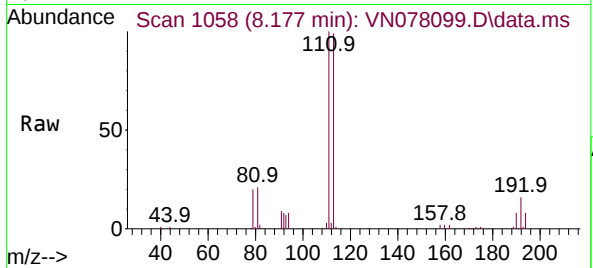




#35
Dibromofluoromethane
Concen: 50.535 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078099.D
Acq: 07 Jun 2023 13:28

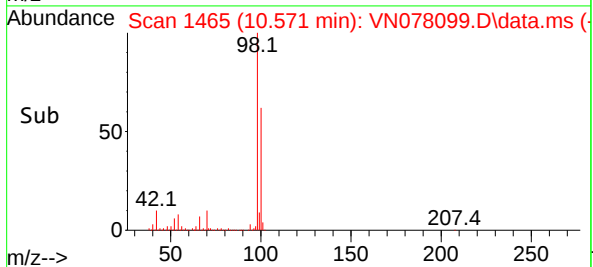
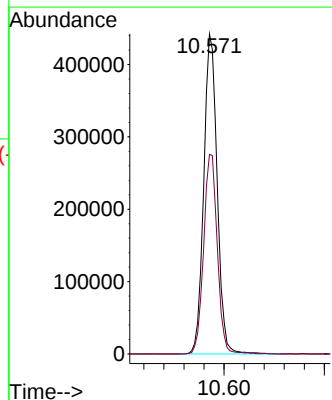
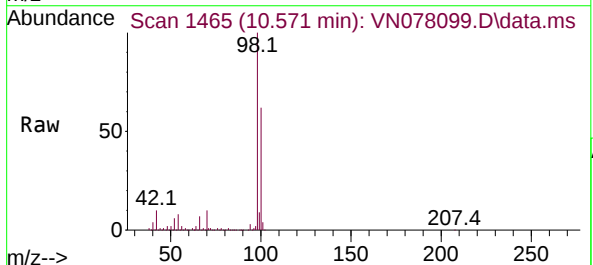
Instrument :
MSVOA_N
ClientSampleId :
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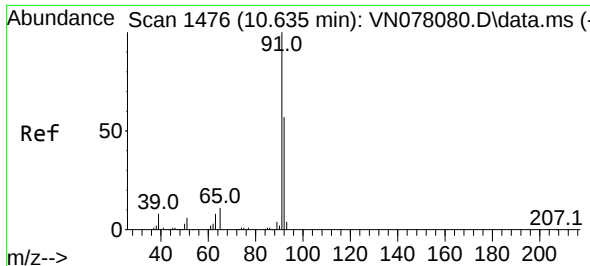
Tgt Ion:113 Resp: 215481
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 16.7 12.7 19.1



#50
Toluene-d8
Concen: 49.989 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078099.D
Acq: 07 Jun 2023 13:28

Tgt Ion: 98 Resp: 821729
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

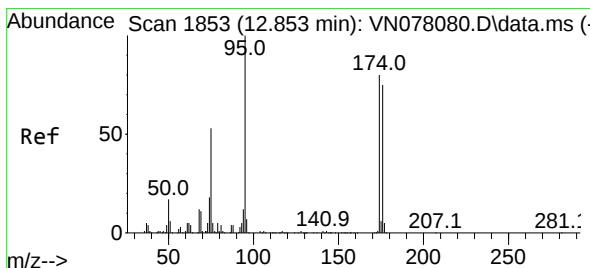
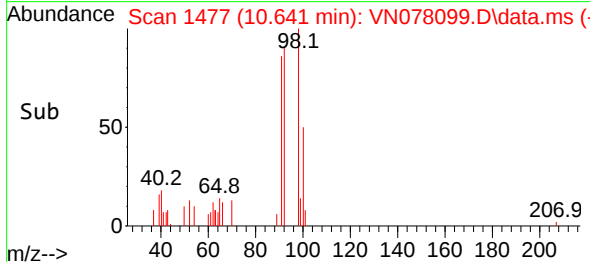
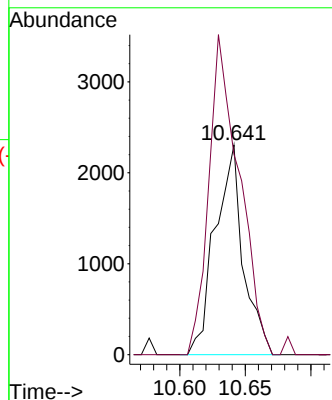
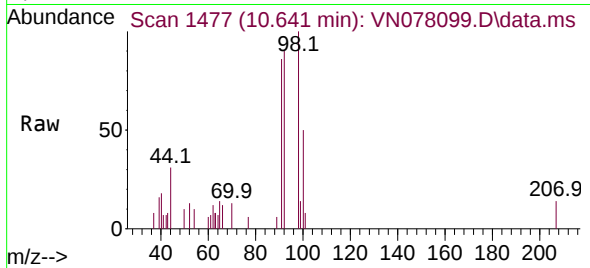




#52
Toluene
Concen: 0.297 ug/l
RT: 10.641 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN078099.D
Acq: 07 Jun 2023 13:28

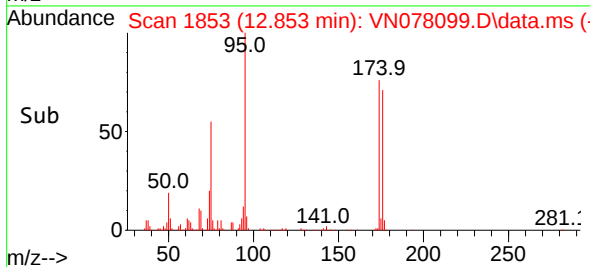
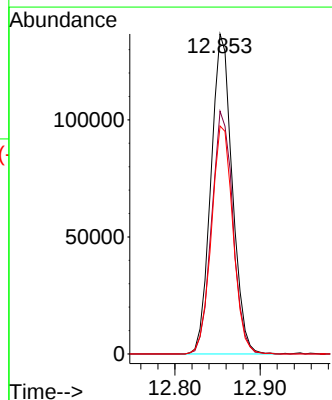
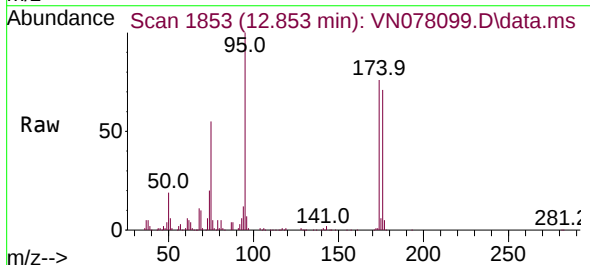
Instrument :
MSVOA_N
ClientSampleId :
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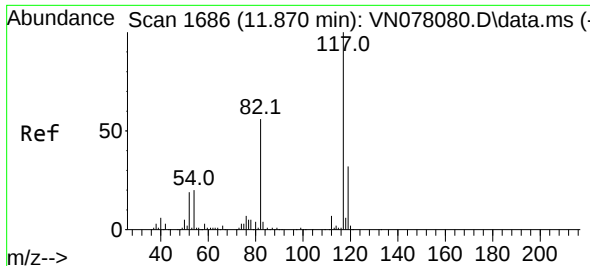
Tgt Ion: 92 Resp: 3424
Ion Ratio Lower Upper
92 100
91 165.9 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 46.391 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078099.D
Acq: 07 Jun 2023 13:28

Tgt Ion: 95 Resp: 237069
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 72.2 0.0 135.8

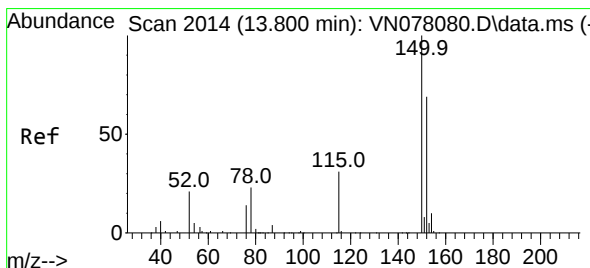
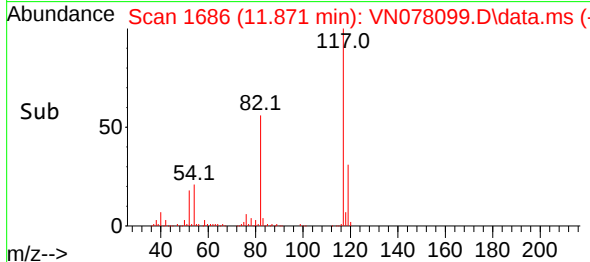
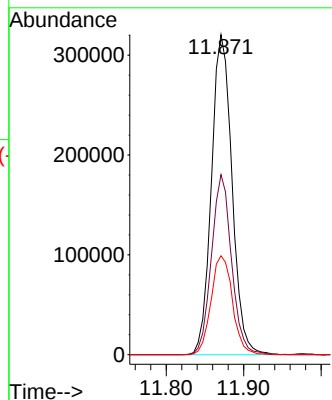
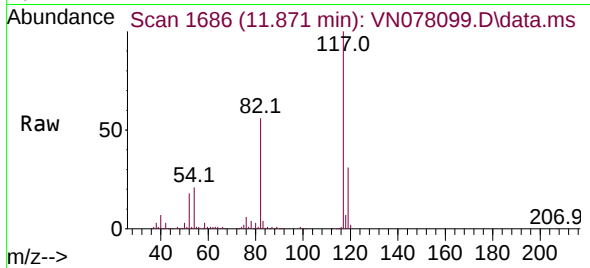




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078099.D
Acq: 07 Jun 2023 13:28

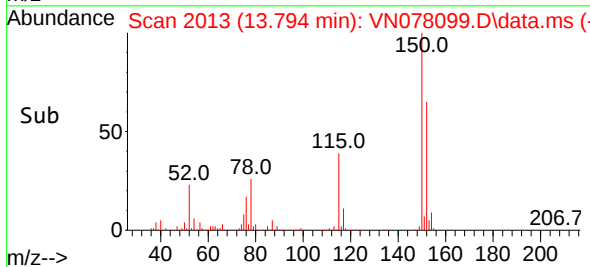
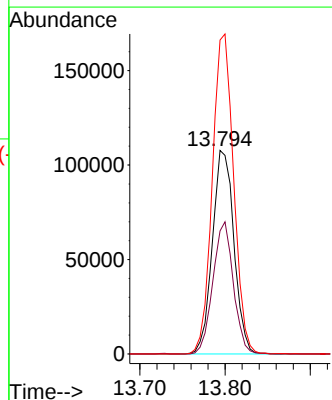
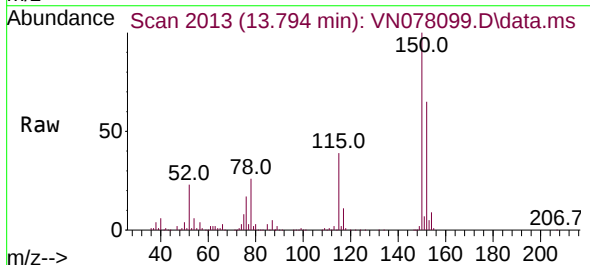
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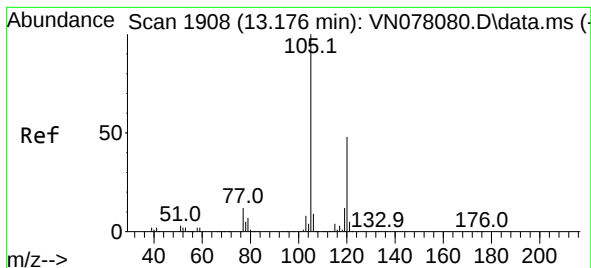
Tgt Ion:117 Resp: 592051
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 30.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078099.D
Acq: 07 Jun 2023 13:28

Tgt Ion:152 Resp: 189438
Ion Ratio Lower Upper
152 100
115 61.4 32.3 96.8
150 155.1 0.0 355.8





#80

1,3,5-Trimethylbenzene

Concen: 0.268 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078099.D

Acq: 07 Jun 2023 13:28

Instrument :

MSVOA_N

ClientSampleId :

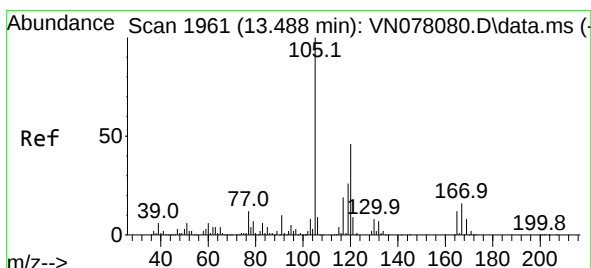
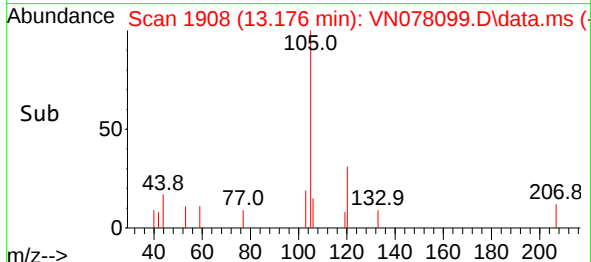
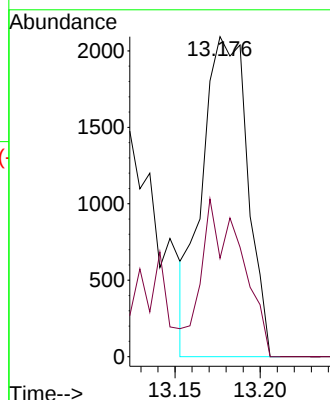
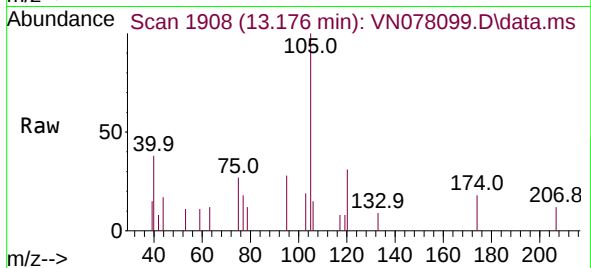
606

Tgt Ion:105 Resp: 3881

Ion Ratio Lower Upper

105 100

120 43.4 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 0.569 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078099.D

Acq: 07 Jun 2023 13:28

Tgt Ion:105 Resp: 7995

Ion Ratio Lower Upper

105 100

120 42.5 22.0 66.0

