

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077913.D
 Acq On : 25 May 2023 19:38
 Operator : JC\MD
 Sample : 02901-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50038

Quant Time: May 26 04:38:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

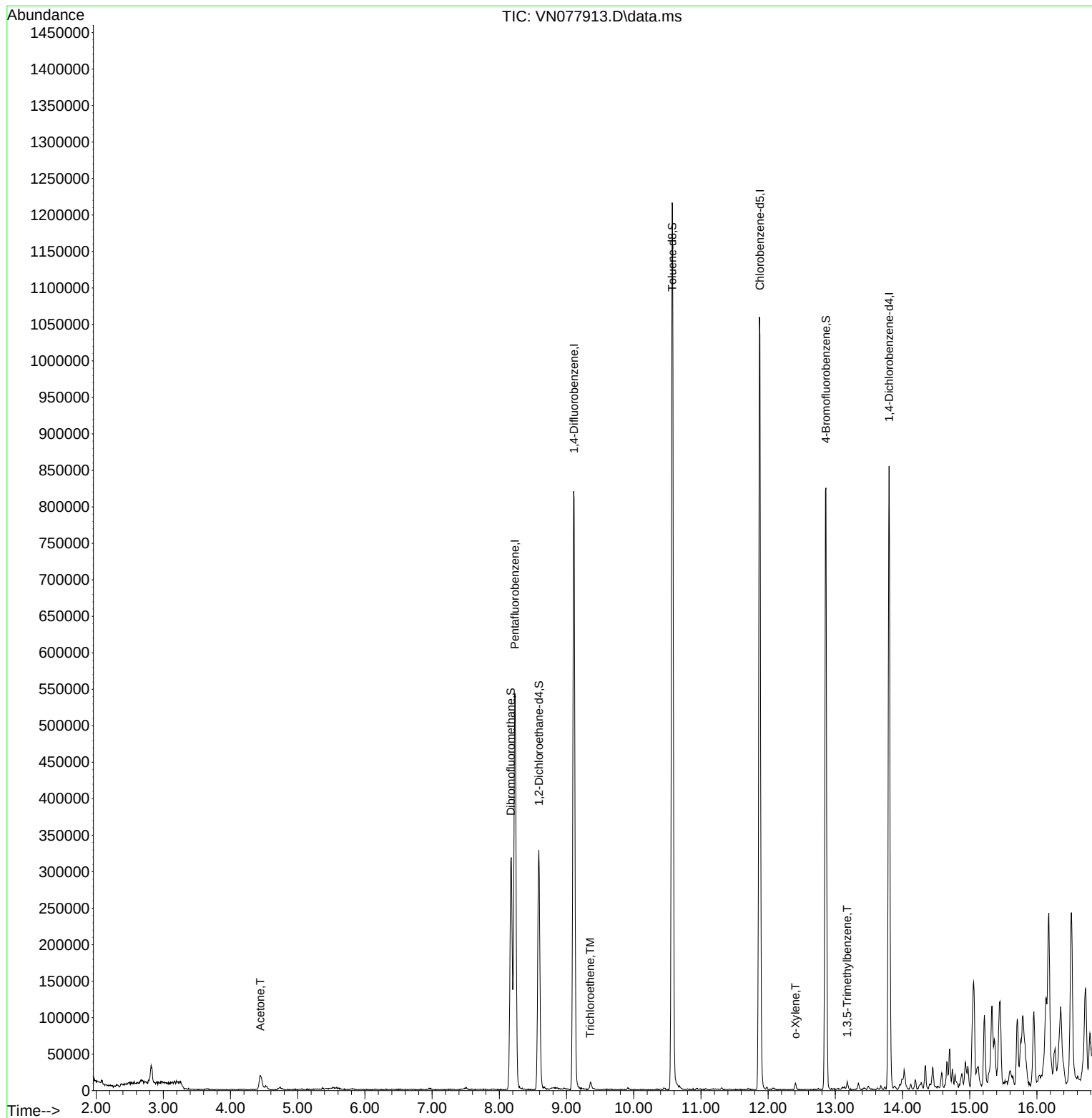
Internal Standards						
1) Pentafluorobenzene	8.230	168	397423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	738232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	645138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	229756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	271969	45.736	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.480%
35) Dibromofluoromethane	8.171	113	233149	48.432	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.860%
50) Toluene-d8	10.571	98	907162	48.959	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.859	95	305094	46.621	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.240%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	39230	20.969	ug/l #	83
44) Trichloroethene	9.353	130	3164	0.601	ug/l	88
69) o-Xylene	12.406	106	2558	0.274	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	4450	0.267	ug/l	96

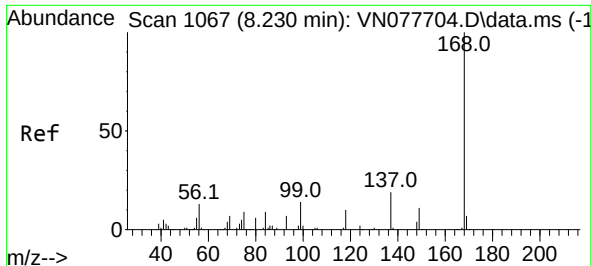
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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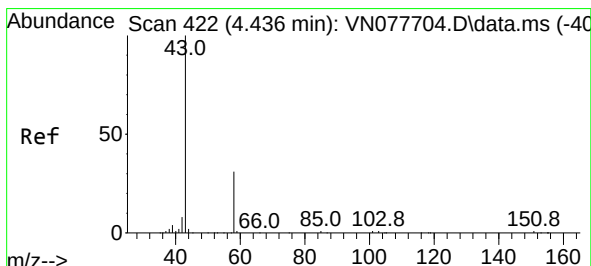
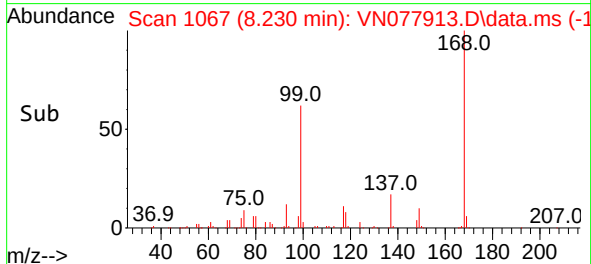
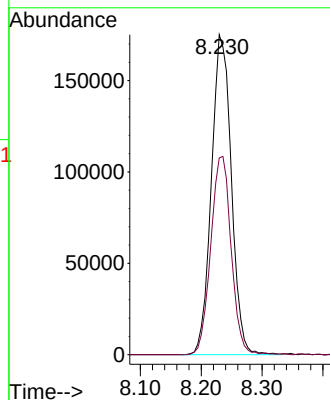
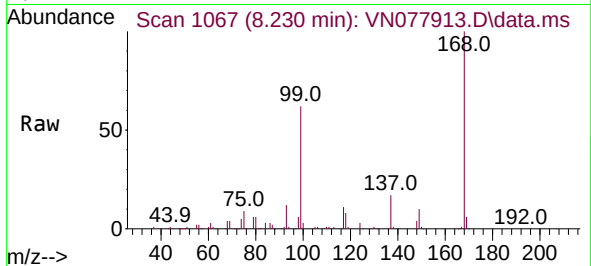




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077913.D
Acq: 25 May 2023 19:38

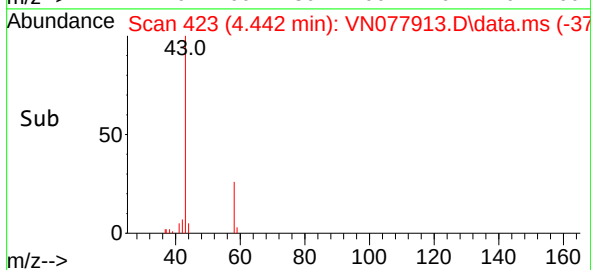
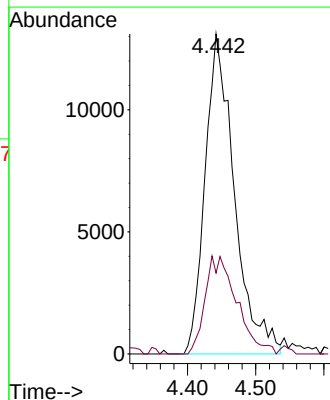
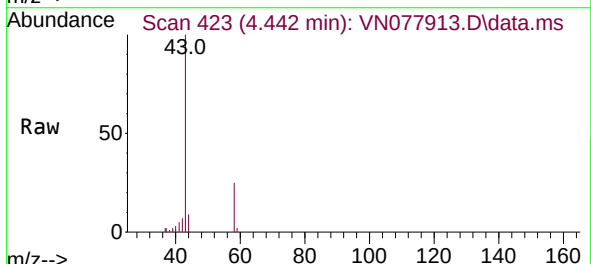
Instrument :
MSVOA_N
ClientSampleId :
50038

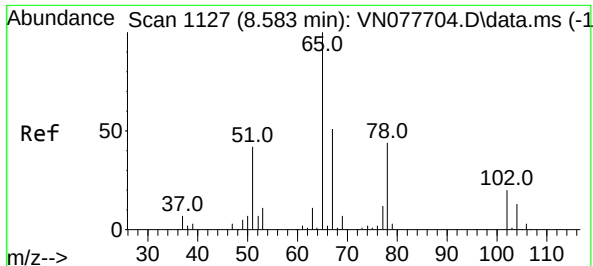
Tgt Ion:168 Resp: 397423
Ion Ratio Lower Upper
168 100
99 61.5 53.0 79.6



#16
Acetone
Concen: 20.969 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077913.D
Acq: 25 May 2023 19:38

Tgt Ion: 43 Resp: 39230
Ion Ratio Lower Upper
43 100
58 25.3 28.0 42.0#





#33

1,2-Dichloroethane-d4

Concen: 45.736 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077913.D

Acq: 25 May 2023 19:38

Instrument :

MSVOA_N

ClientSampleId :

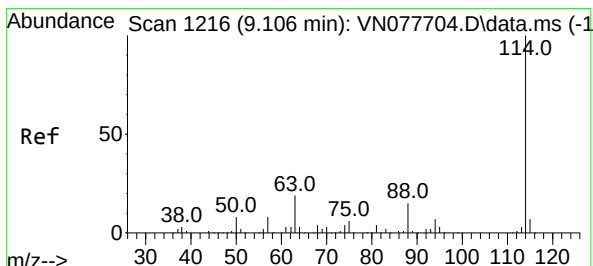
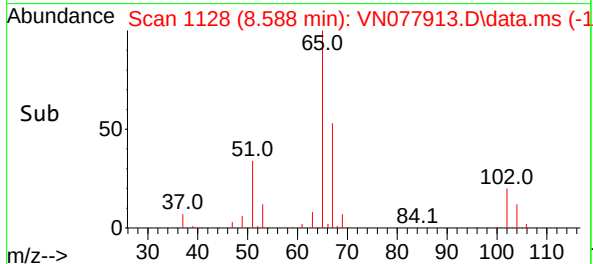
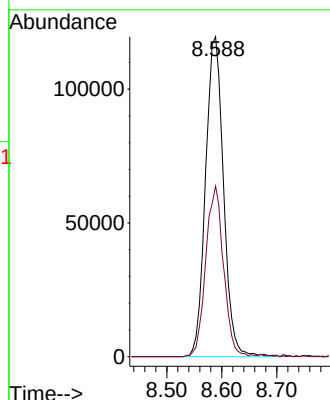
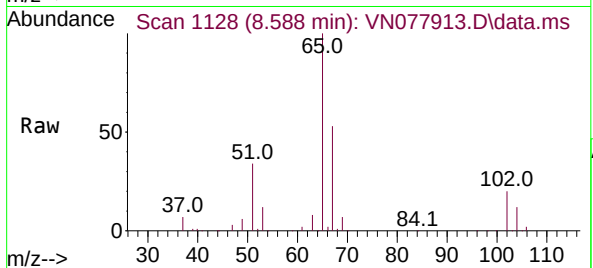
50038

Tgt Ion: 65 Resp: 271969

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077913.D

Acq: 25 May 2023 19:38

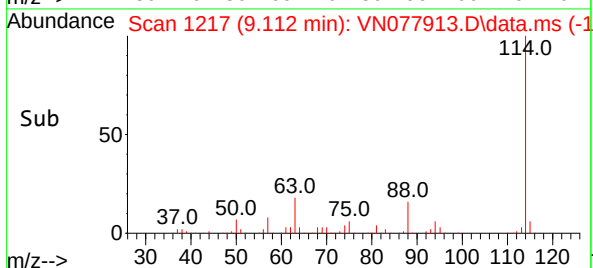
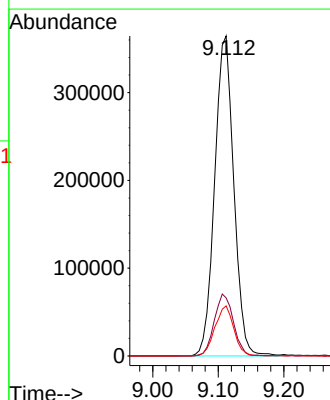
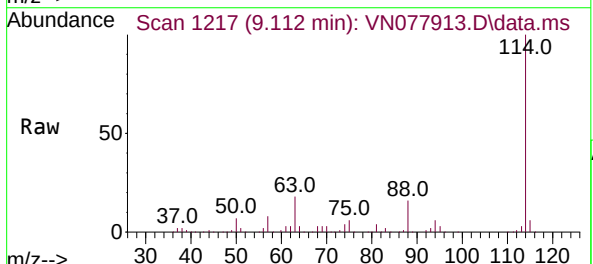
Tgt Ion: 114 Resp: 738232

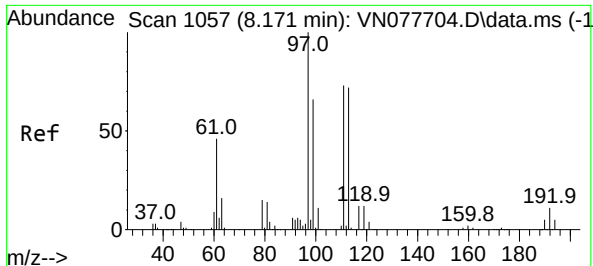
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.432 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077913.D

Acq: 25 May 2023 19:38

Instrument :

MSVOA_N

ClientSampleId :

50038

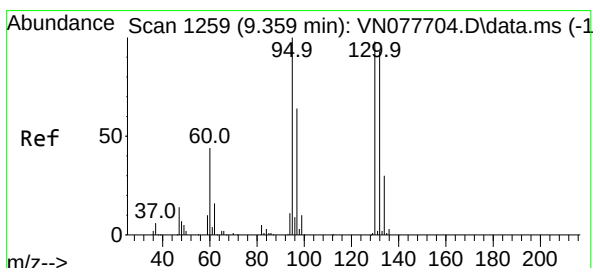
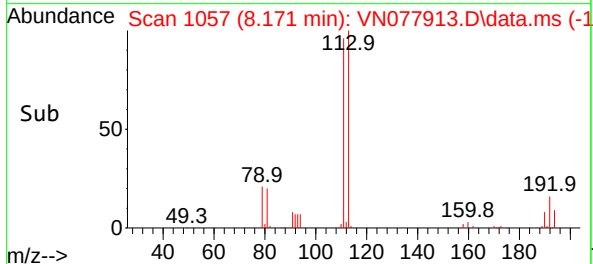
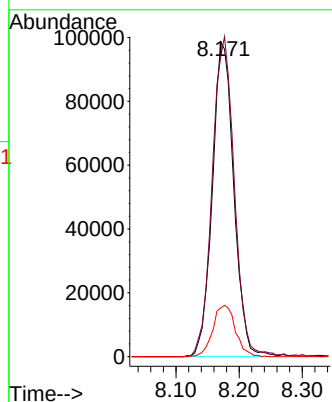
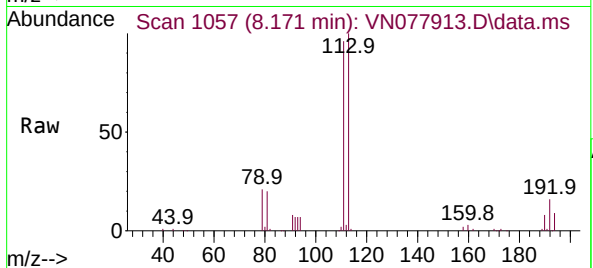
Tgt Ion:113 Resp: 233149

Ion Ratio Lower Upper

113 100

111 104.7 82.6 123.8

192 17.1 12.7 19.1



#44

Trichloroethene

Concen: 0.601 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.006 min

Lab File: VN077913.D

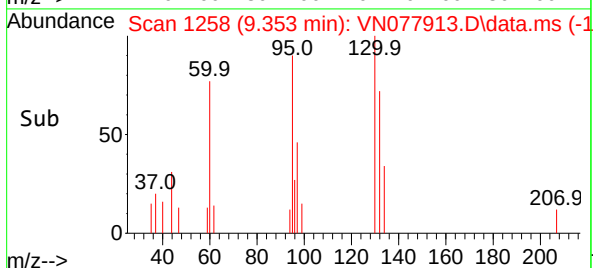
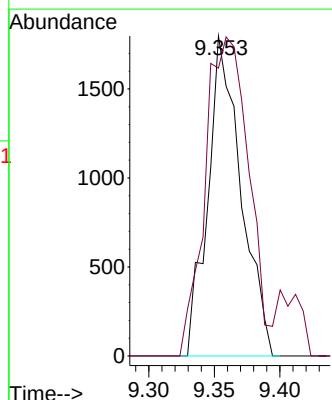
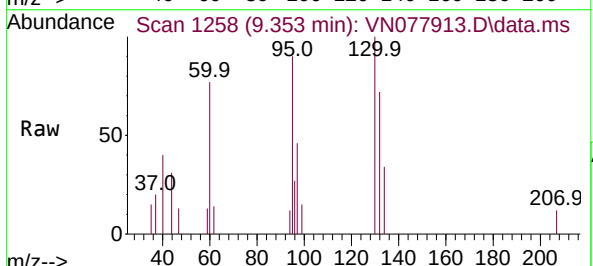
Acq: 25 May 2023 19:38

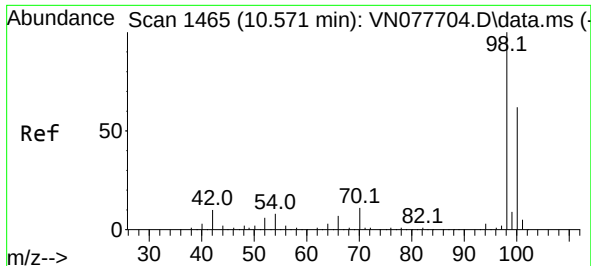
Tgt Ion:130 Resp: 3164

Ion Ratio Lower Upper

130 100

95 89.9 0.0 204.6

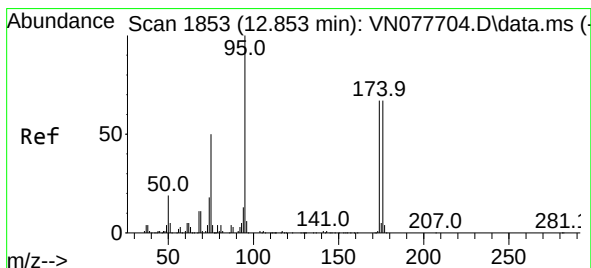
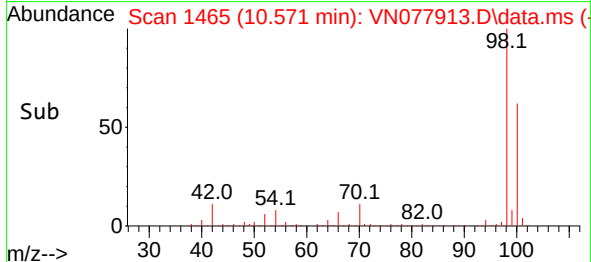
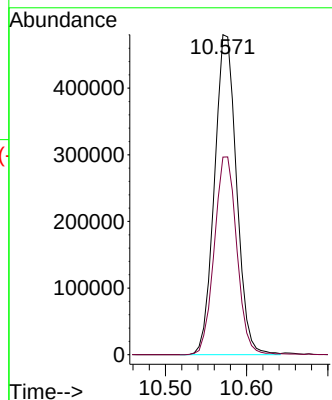
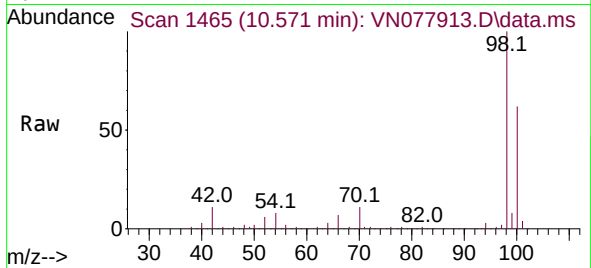




#50
Toluene-d8
Concen: 48.959 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077913.D
Acq: 25 May 2023 19:38

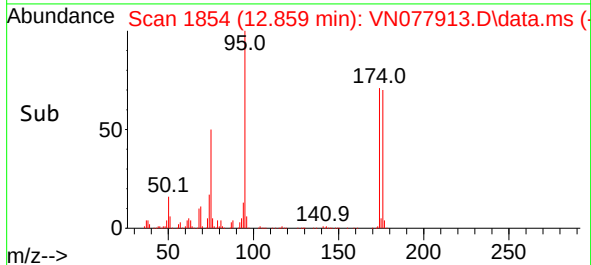
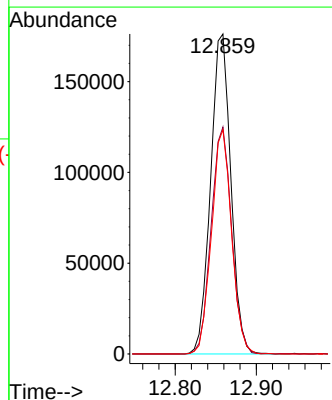
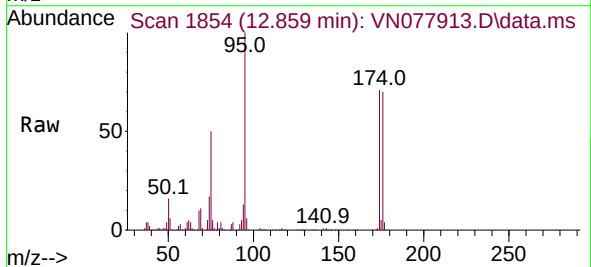
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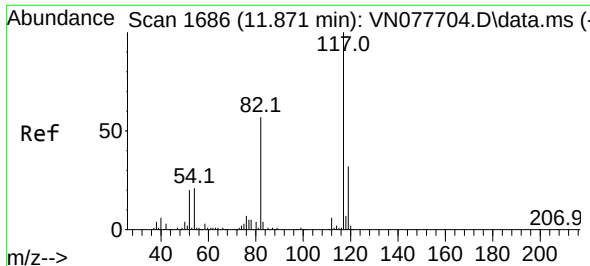
Tgt Ion: 98 Resp: 907162
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.621 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077913.D
Acq: 25 May 2023 19:38

Tgt Ion: 95 Resp: 305094
Ion Ratio Lower Upper
95 100
174 71.8 0.0 143.8
176 69.5 0.0 135.8

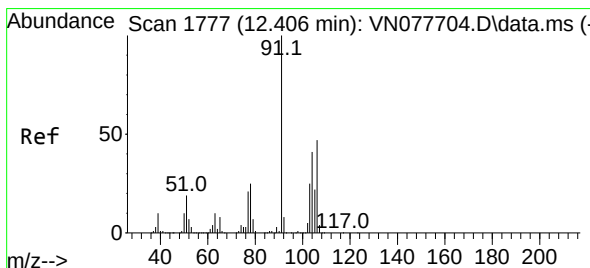
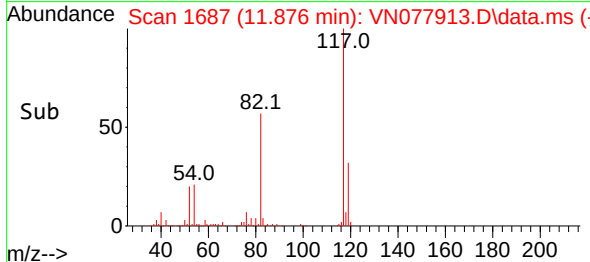
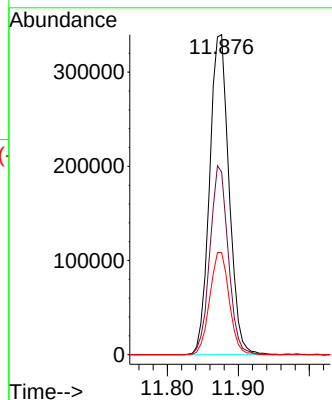
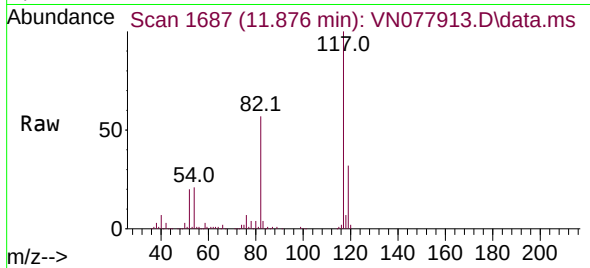




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN077913.D
Acq: 25 May 2023 19:38

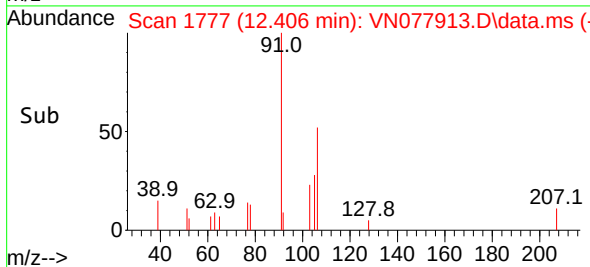
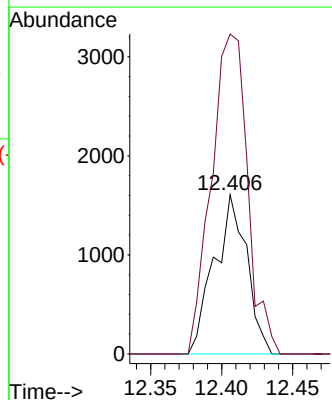
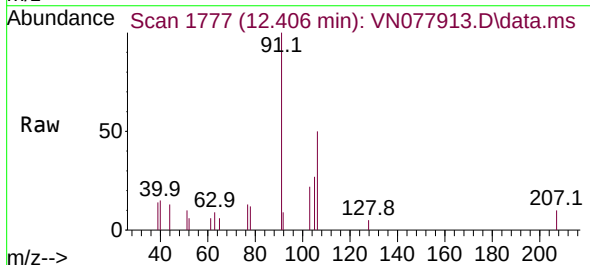
Instrument :
MSVOA_N
ClientSampleId :
50038

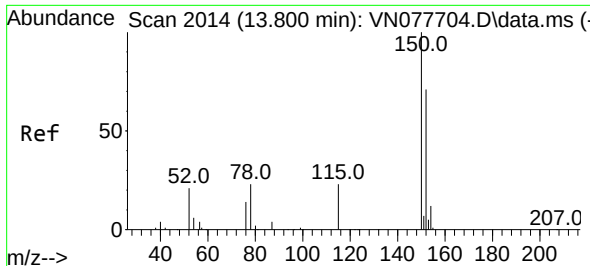
Tgt Ion:117 Resp: 645138
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 31.9 25.6 38.4



#69
o-Xylene
Concen: 0.274 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077913.D
Acq: 25 May 2023 19:38

Tgt Ion:106 Resp: 2558
Ion Ratio Lower Upper
106 100
91 224.2 105.2 315.5

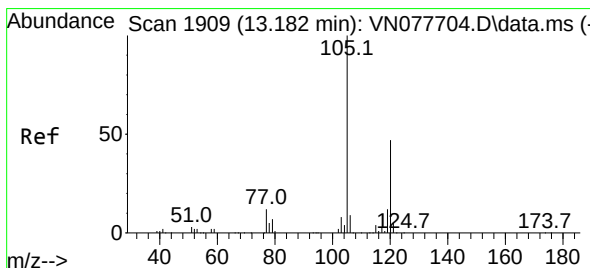
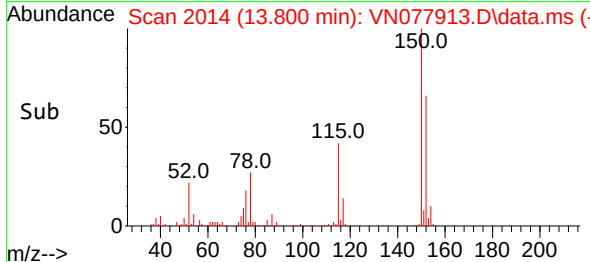
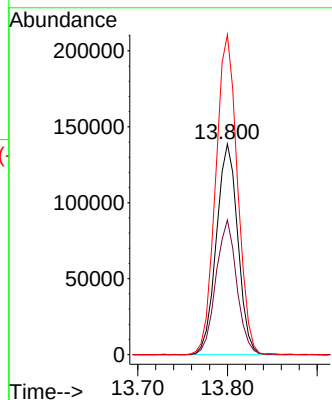
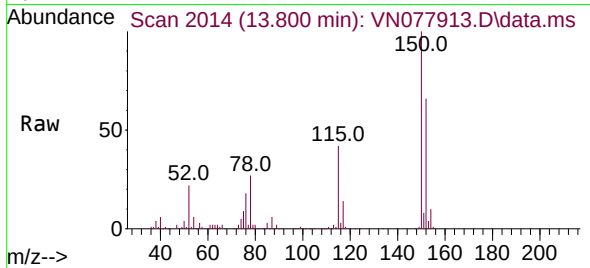




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN077913.D
 Acq: 25 May 2023 19:38

Instrument :
 MSVOA_N
 ClientSampleId :
 50038

Tgt Ion:152 Resp: 229756
 Ion Ratio Lower Upper
 152 100
 115 62.4 32.3 96.8
 150 154.4 0.0 355.8



#80
 1,3,5-Trimethylbenzene
 Concen: 0.267 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: VN077913.D
 Acq: 25 May 2023 19:38

Tgt Ion:105 Resp: 4450
 Ion Ratio Lower Upper
 105 100
 120 51.1 24.1 72.3

