

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078514.D
 Acq On : 22 Feb 2024 13:43
 Operator : RP/MD
 Sample : P1538-01
 Misc : 5.06G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241096-COMPOSITE-35N-N-4-01

Quant Time: Feb 23 01:03:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

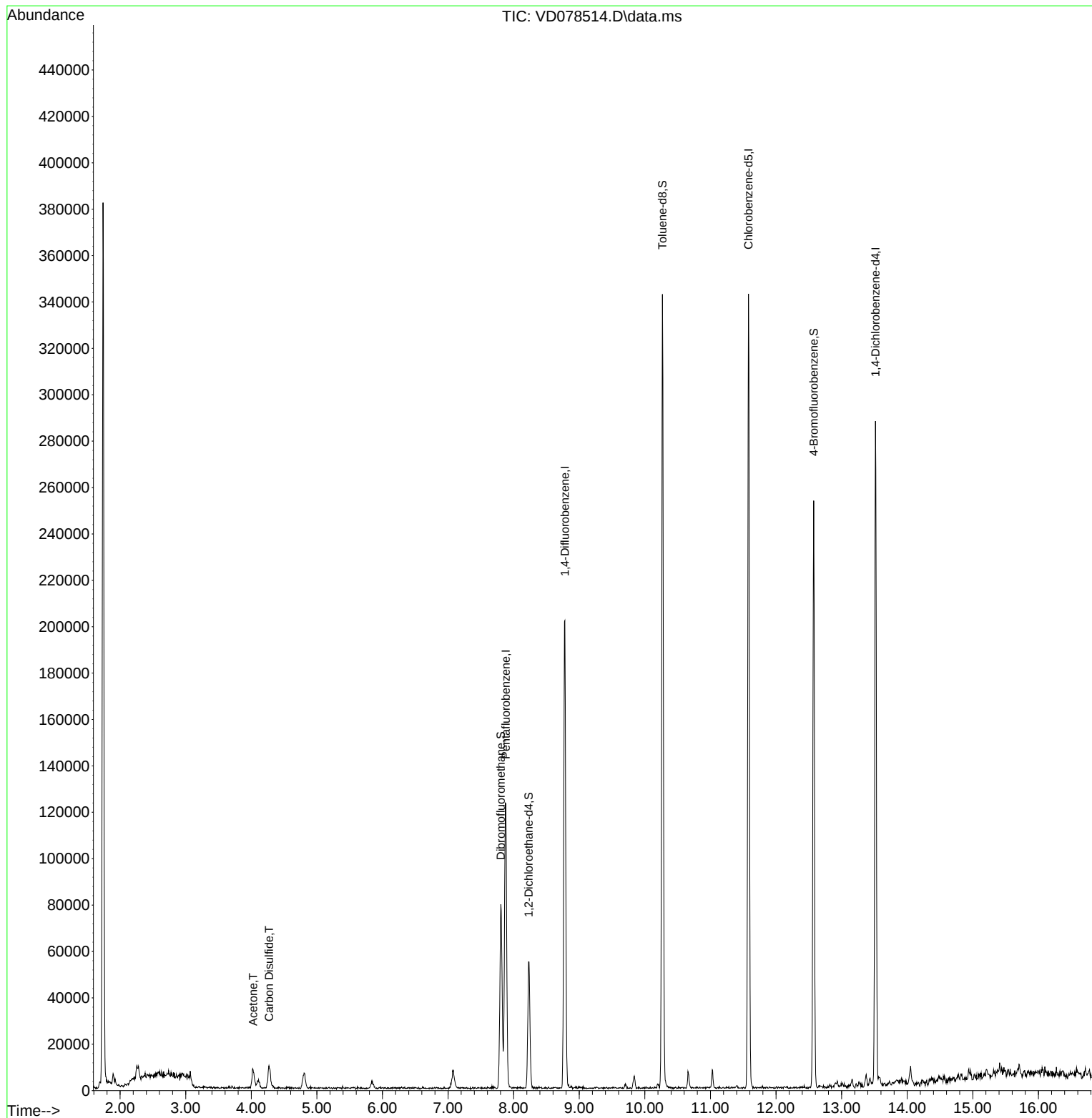
Internal Standards						
1) Pentafluorobenzene	7.881	168	99438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	187854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	203024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	78556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42476	39.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.020%
35) Dibromofluoromethane	7.804	113	59462	49.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.660%
50) Toluene-d8	10.269	98	235751	49.388	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.780%
62) 4-Bromofluorobenzene	12.575	95	74899	53.919	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.840%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	13684	45.736	ug/l #	75
17) Carbon Disulfide	4.269	76	18594	5.098	ug/l #	83

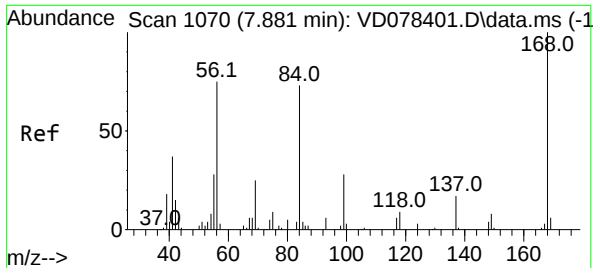
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
Data File : VD078514.D
Acq On : 22 Feb 2024 13:43
Operator : RP/MD
Sample : P1538-01
Misc : 5.06G/5ml/MSVOA_D/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20241096-COMPOSITE-35N-N-4-01

Quant Time: Feb 23 01:03:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

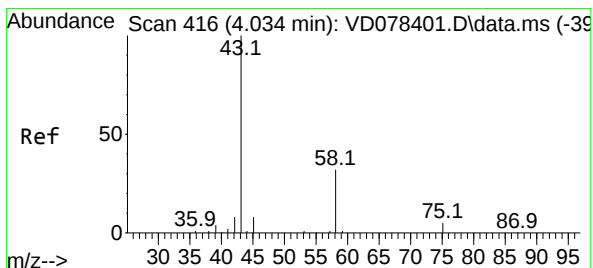
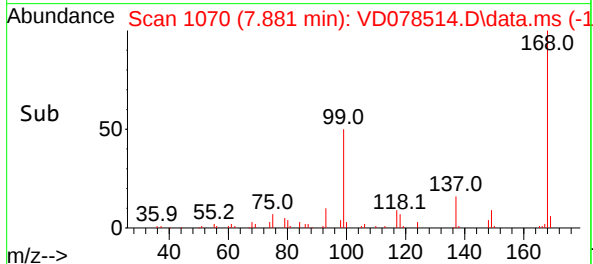
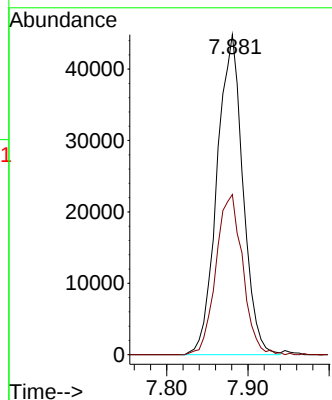
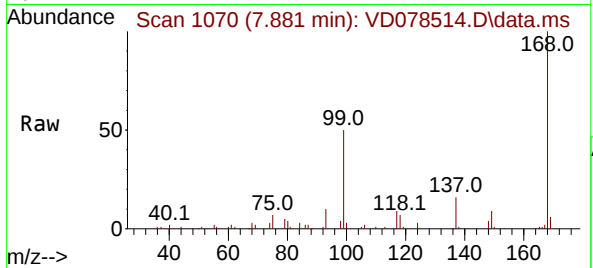




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

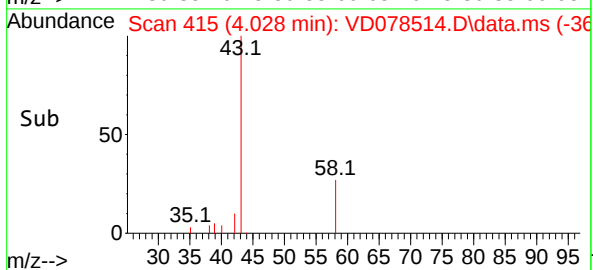
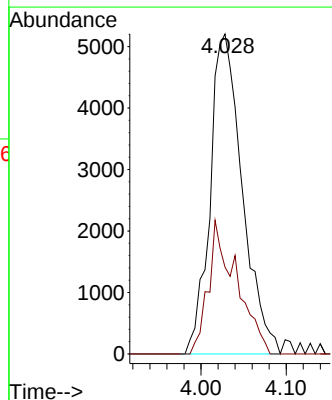
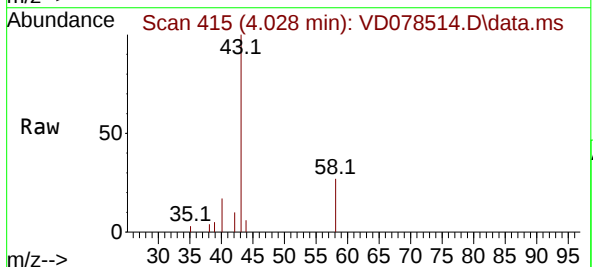
Instrument :
MSVOA_D
ClientSampleId :
20241096-COMPOSITE-35N-N-4-01

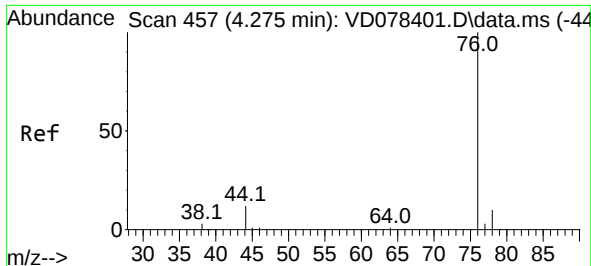
Tgt Ion:168 Resp: 99438
Ion Ratio Lower Upper
168 100
99 50.0 36.7 55.1



#16
Acetone
Concen: 45.736 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

Tgt Ion: 43 Resp: 13684
Ion Ratio Lower Upper
43 100
58 27.1 34.7 52.1#

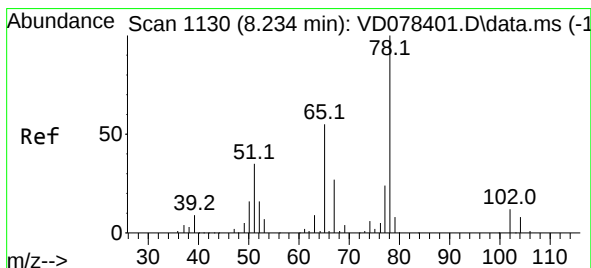
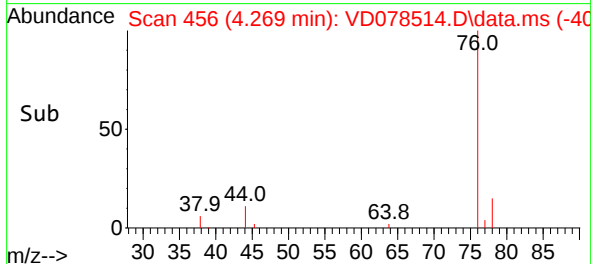
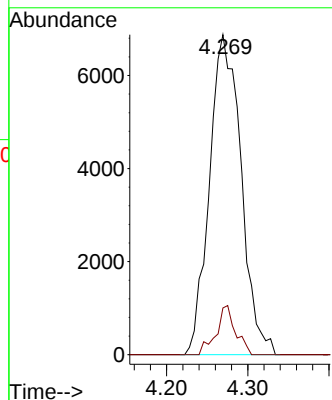
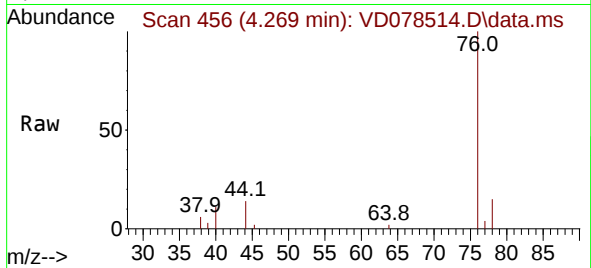




#17
Carbon Disulfide
Concen: 5.098 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

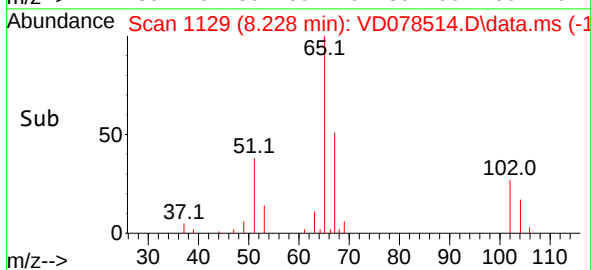
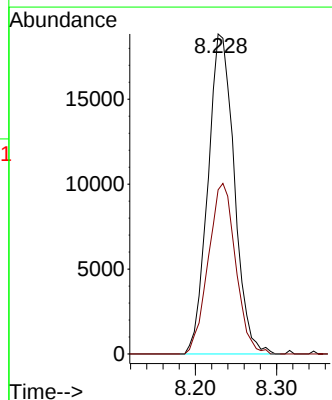
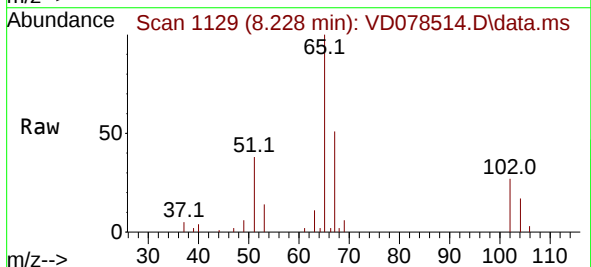
Instrument :
MSVOA_D
ClientSampleId :
20241096-COMPOSITE-35N-N-4-01

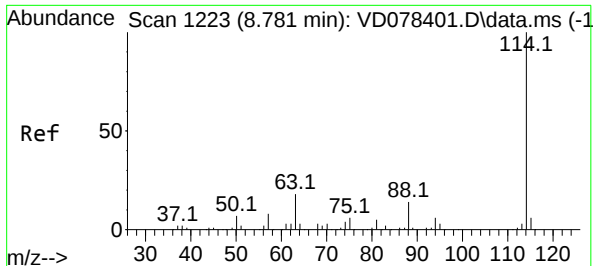
Tgt Ion: 76 Resp: 18594
Ion Ratio Lower Upper
76 100
78 14.6 6.8 10.2#



#33
1,2-Dichloroethane-d4
Concen: 39.506 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

Tgt Ion: 65 Resp: 42476
Ion Ratio Lower Upper
65 100
67 55.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078514.D

Acq: 22 Feb 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :

20241096-COMPOSITE-35N-N-4-01

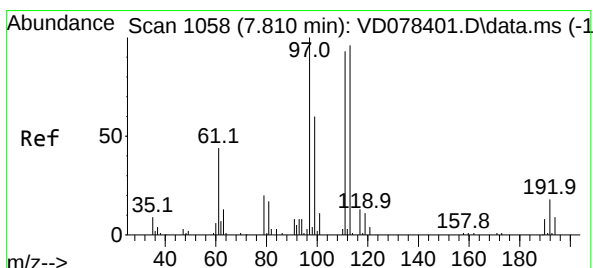
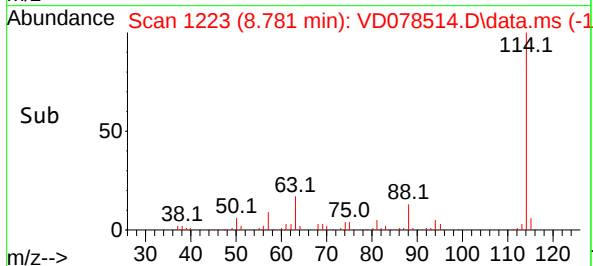
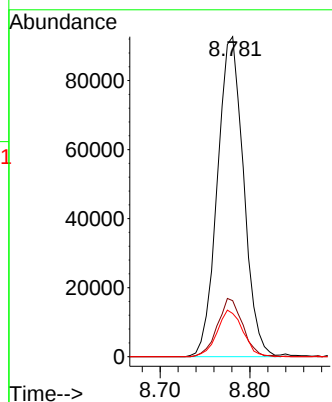
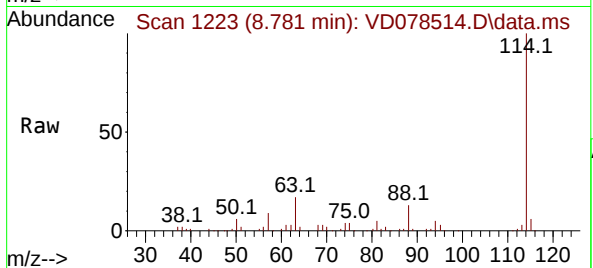
Tgt Ion:114 Resp: 187854

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 13.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 49.831 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078514.D

Acq: 22 Feb 2024 13:43

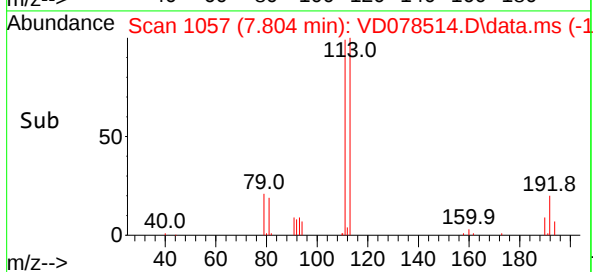
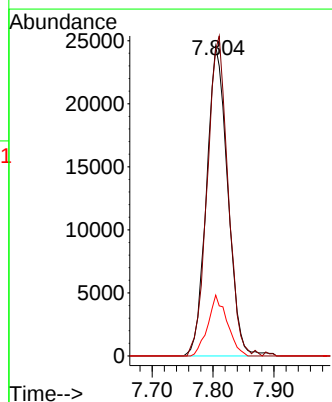
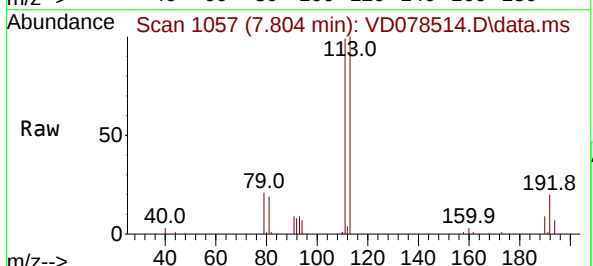
Tgt Ion:113 Resp: 59462

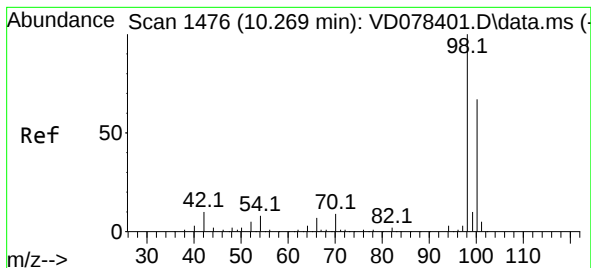
Ion Ratio Lower Upper

113 100

111 100.6 84.7 127.1

192 17.9 16.8 25.2

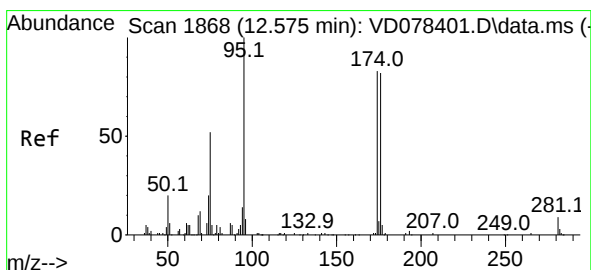
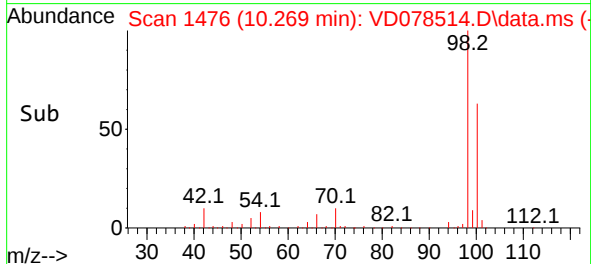
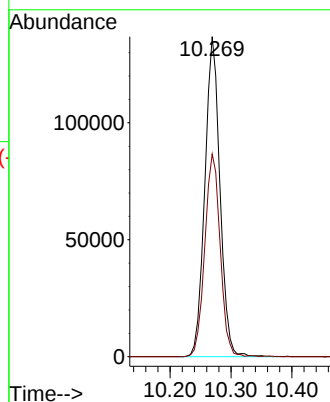
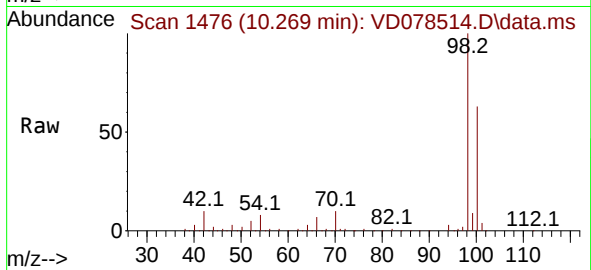




#50
Toluene-d8
Concen: 49.388 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

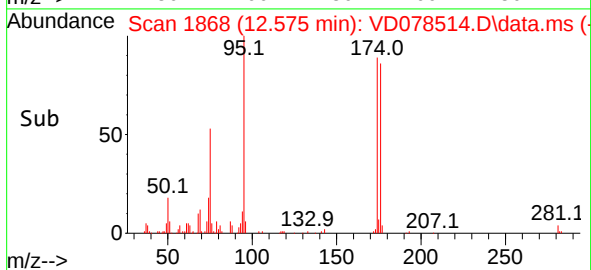
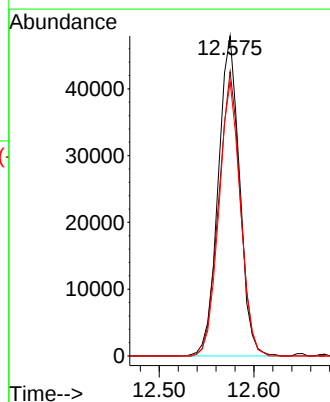
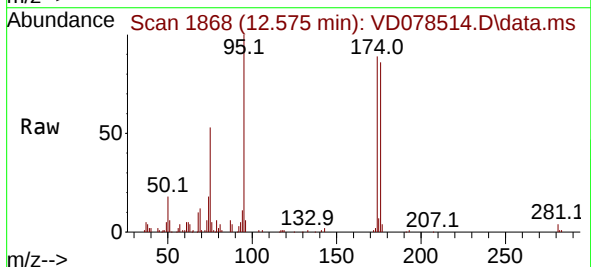
Instrument : MSVOA_D
ClientSampleId : 20241096-COMPOSITE-35N-N-4-01

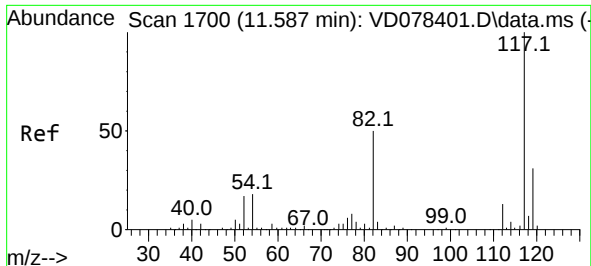
Tgt Ion: 98 Resp: 235751
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 53.919 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

Tgt Ion: 95 Resp: 74899
Ion Ratio Lower Upper
95 100
174 90.2 0.0 201.8
176 86.4 0.0 191.8

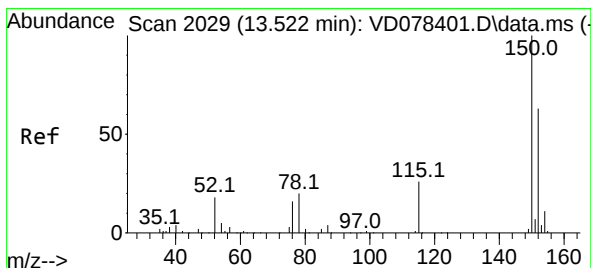
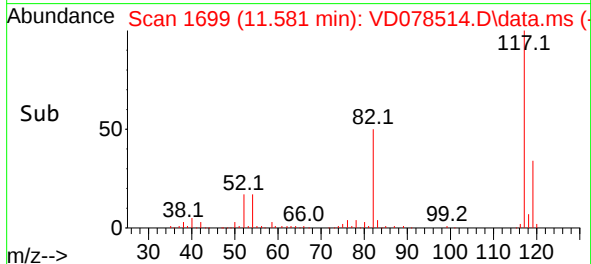
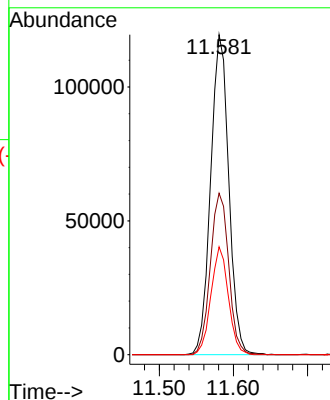
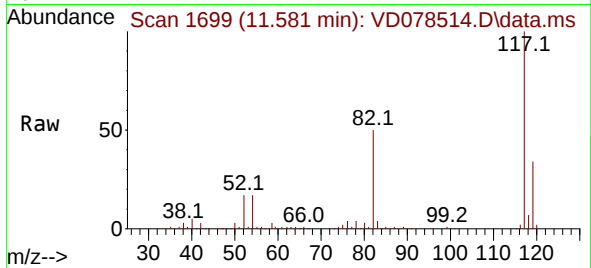




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

Instrument :
MSVOA_D
ClientSampleId :
20241096-COMPOSITE-35N-N-4-01

Tgt Ion:117 Resp: 203024
Ion Ratio Lower Upper
117 100
82 50.4 38.3 57.5
119 33.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

Tgt Ion:152 Resp: 78556
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 159.5 0.0 353.6

