

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
 Data File : VD078482.D
 Acq On : 20 Feb 2024 14:42
 Operator : RP/MD
 Sample : P1523-01
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20240763-COMPOSITE-39N-N-3-01

Quant Time: Feb 21 05:23:57 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)

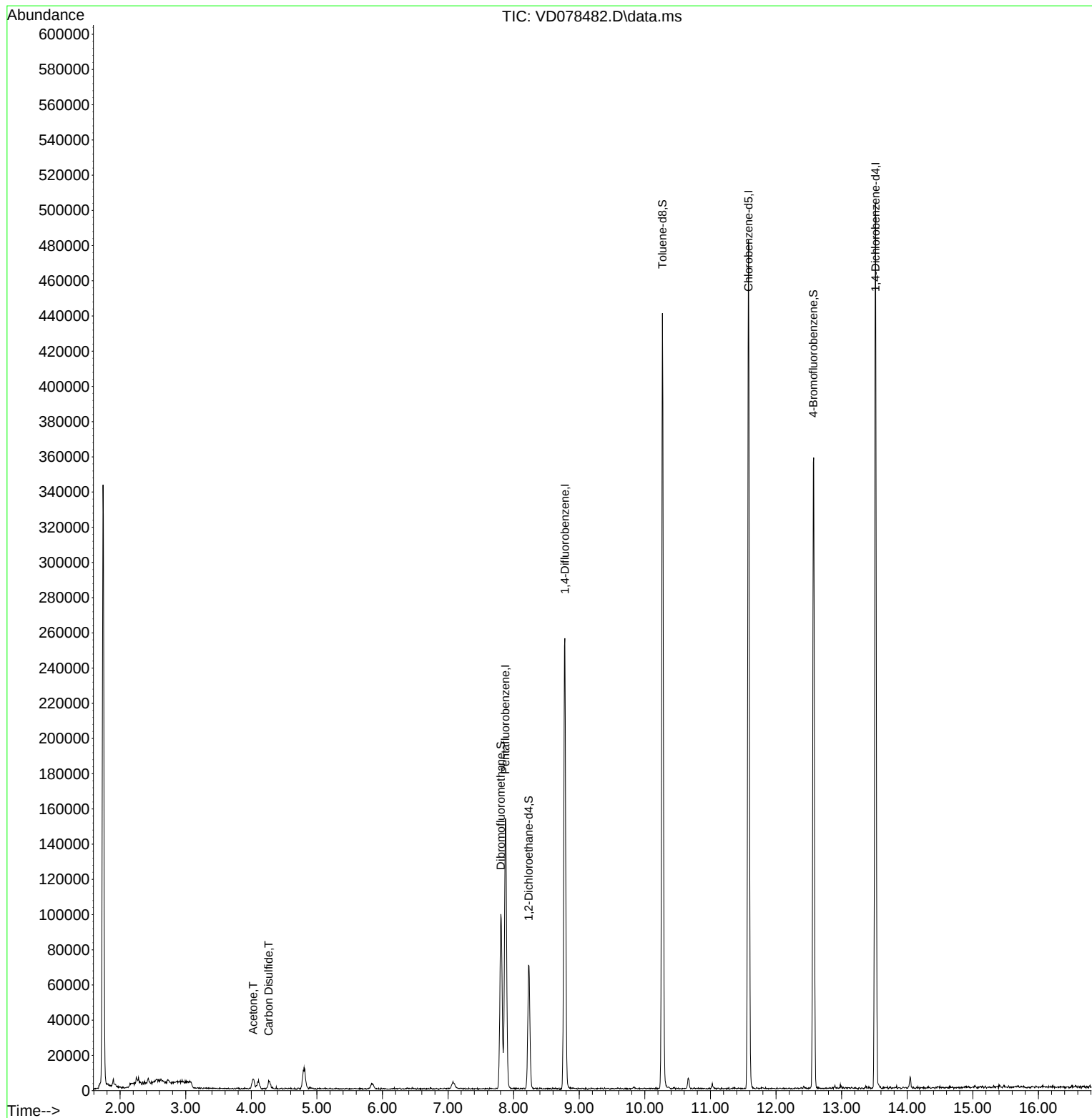
Internal Standards						
1) Pentafluorobenzene	7.875	168	118046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	232129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	281786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	130590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	55440	43.436	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.880%
35) Dibromofluoromethane	7.805	113	74432	50.479	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.960%
50) Toluene-d8	10.269	98	301378	51.094	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.180%
62) 4-Bromofluorobenzene	12.569	95	110727	64.508	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	129.020%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	10275	19.706	ug/l #	85
17) Carbon Disulfide	4.264	76	8625	1.992	ug/l	97

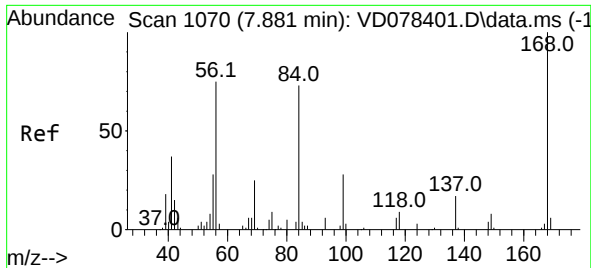
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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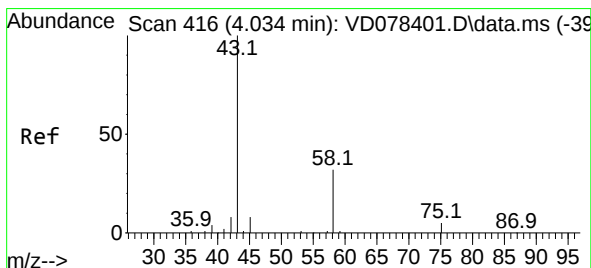
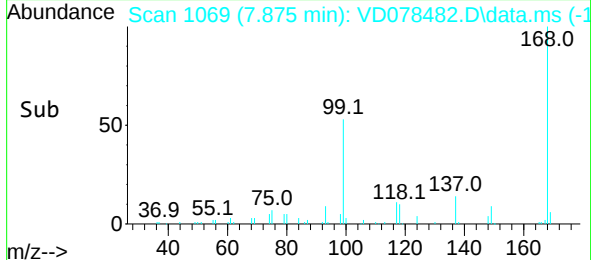
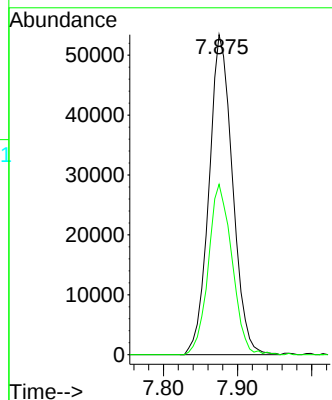
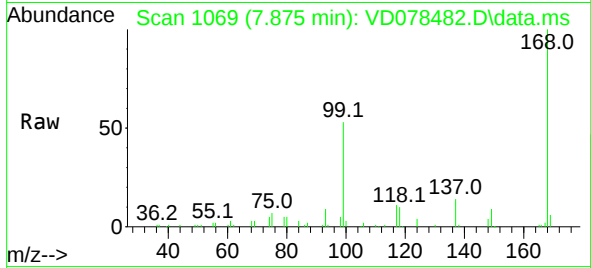




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078482.D
Acq: 20 Feb 2024 14:42

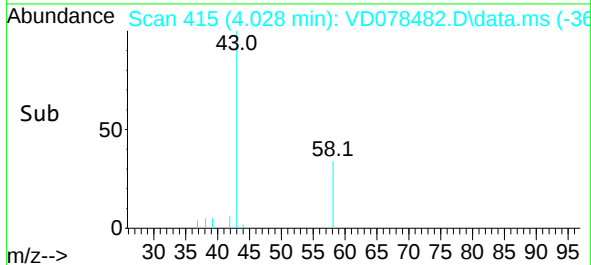
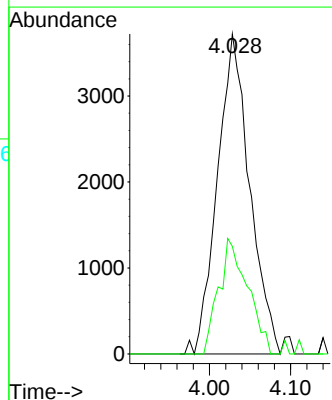
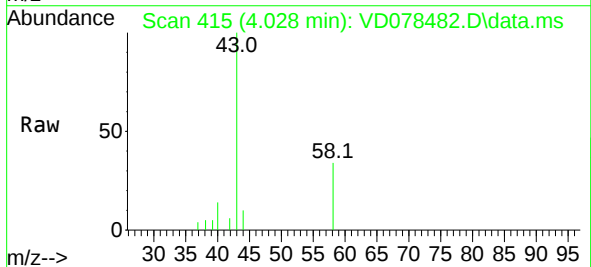
Instrument : MSVOA_D
ClientSampleId : 20240763-COMPOSITE-39N-N-3-01

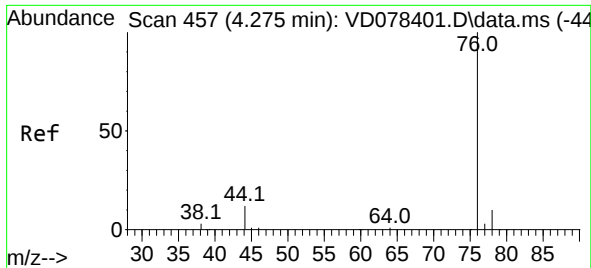
Tgt Ion:168 Resp: 118046
Ion Ratio Lower Upper
168 100
99 53.3 36.7 55.1



#16
Acetone
Concen: 19.706 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078482.D
Acq: 20 Feb 2024 14:42

Tgt Ion: 43 Resp: 10275
Ion Ratio Lower Upper
43 100
58 33.6 34.7 52.1#

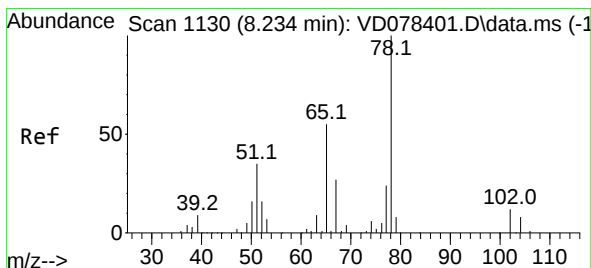
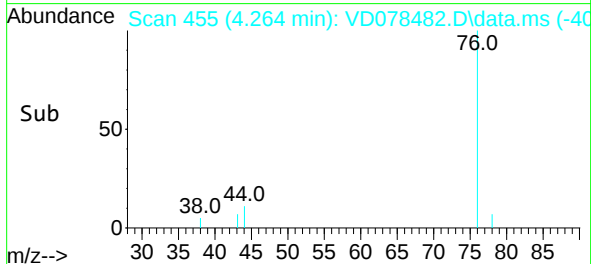
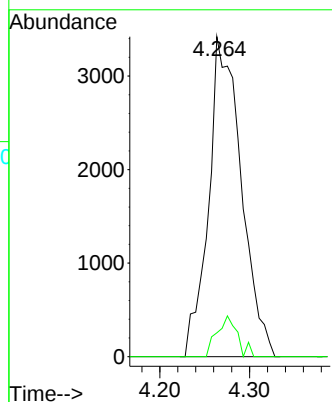
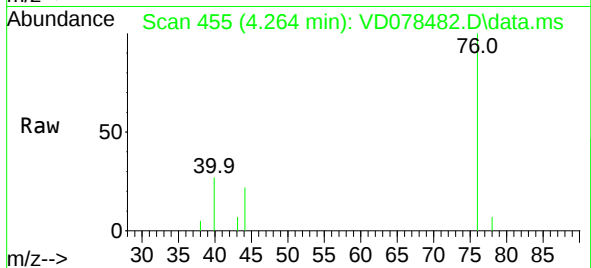




#17
Carbon Disulfide
Concen: 1.992 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD078482.D
Acq: 20 Feb 2024 14:42

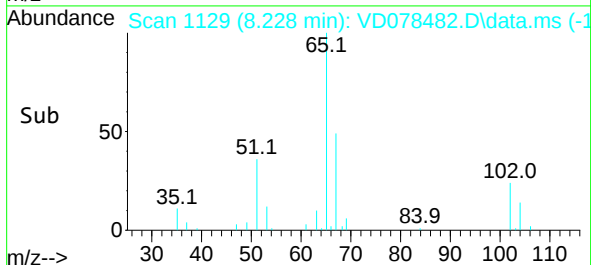
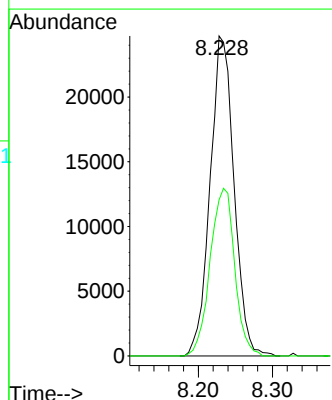
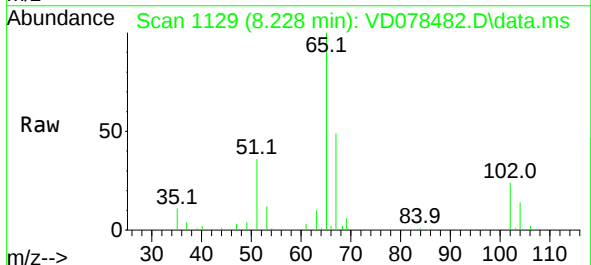
Instrument :
MSVOA_D
ClientSampleId :
20240763-COMPOSITE-39N-N-3-01

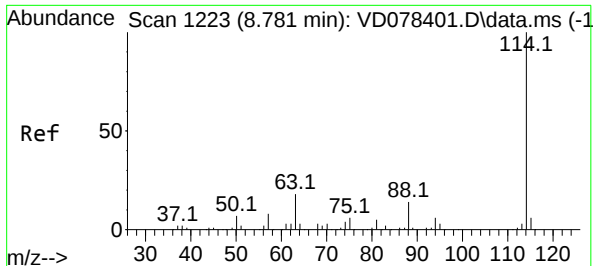
Tgt Ion: 76 Resp: 8625
Ion Ratio Lower Upper
76 100
78 7.4 6.8 10.2



#33
1,2-Dichloroethane-d4
Concen: 43.436 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078482.D
Acq: 20 Feb 2024 14:42

Tgt Ion: 65 Resp: 55440
Ion Ratio Lower Upper
65 100
67 53.7 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: VD078482.D

Acq: 20 Feb 2024 14:42

Instrument :

MSVOA_D

ClientSampleId :

20240763-COMPOSITE-39N-N-3-01

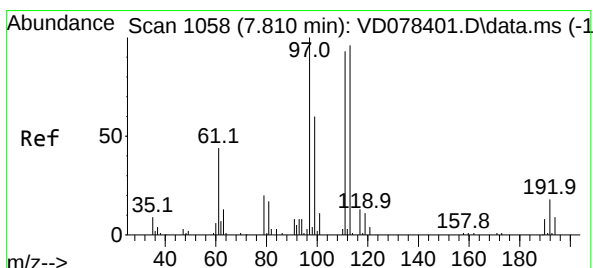
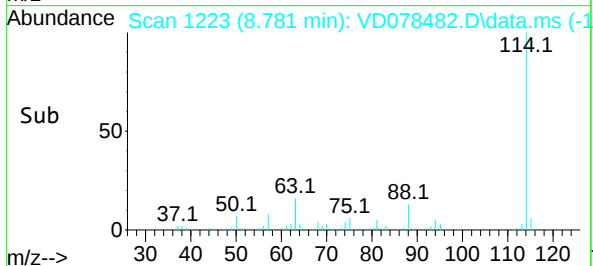
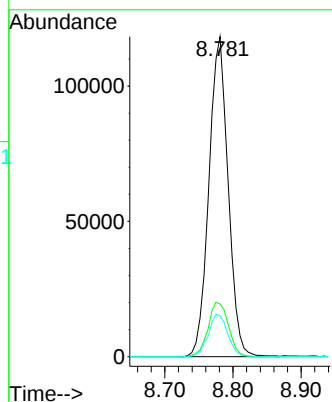
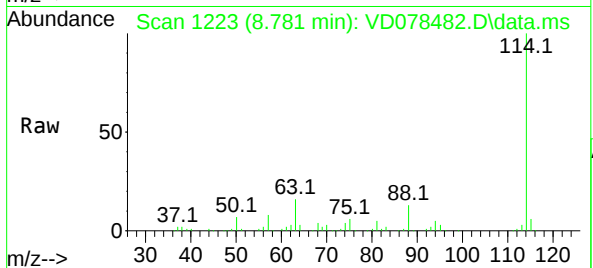
Tgt Ion:114 Resp: 232129

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

88 12.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 50.479 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078482.D

Acq: 20 Feb 2024 14:42

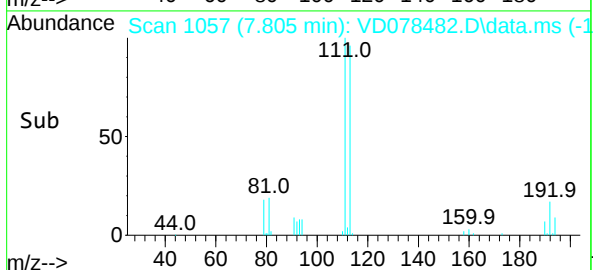
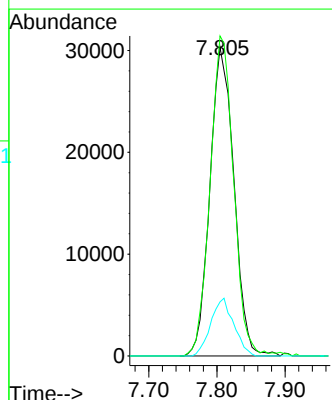
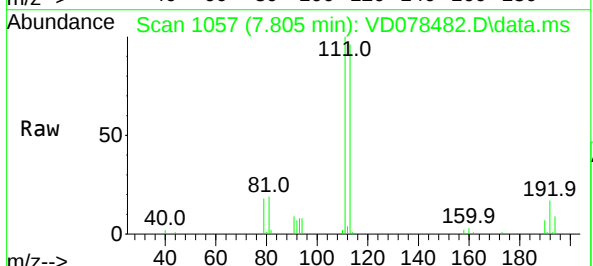
Tgt Ion:113 Resp: 74432

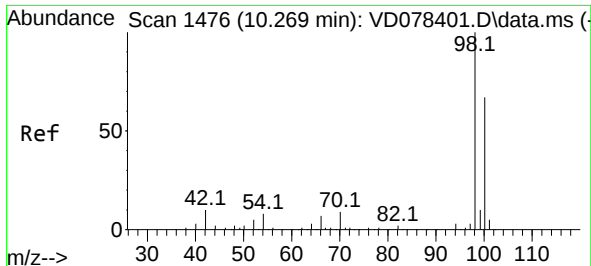
Ion Ratio Lower Upper

113 100

111 101.5 84.7 127.1

192 17.9 16.8 25.2

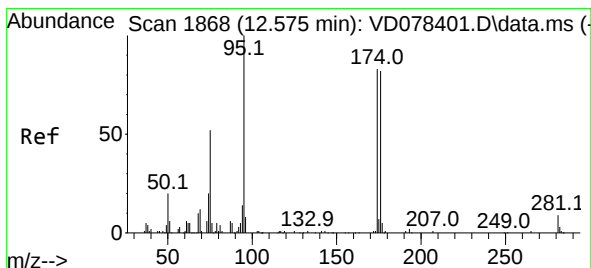
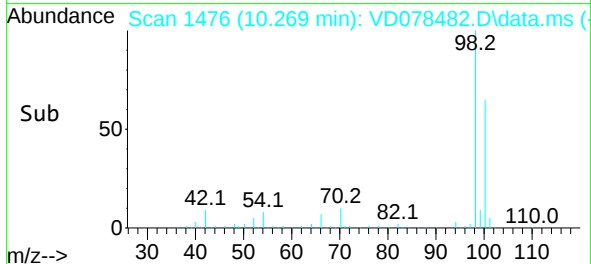
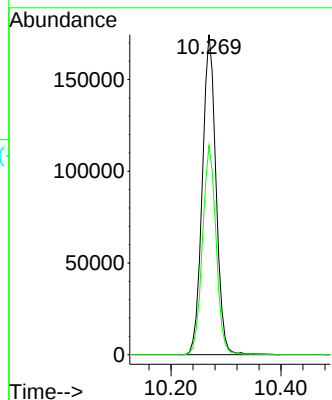
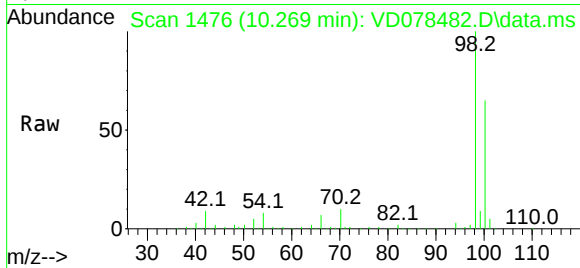




#50
Toluene-d8
Concen: 51.094 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078482.D
Acq: 20 Feb 2024 14:42

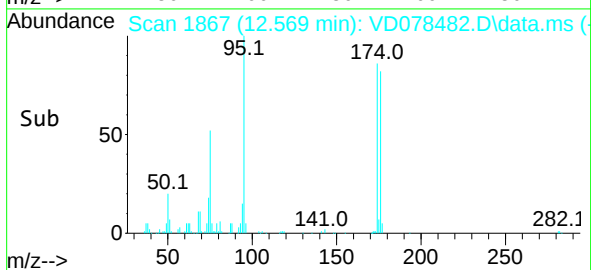
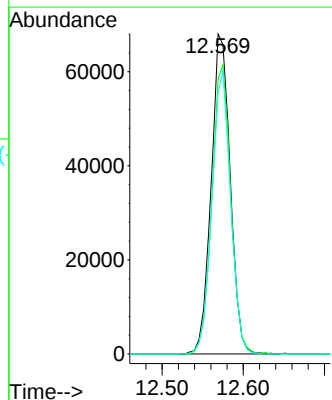
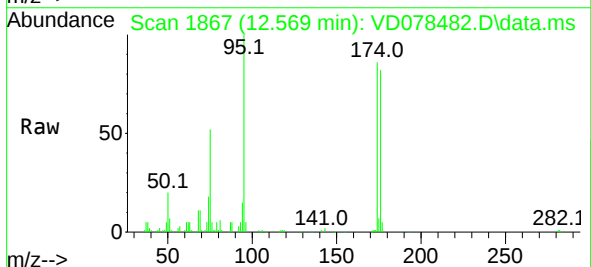
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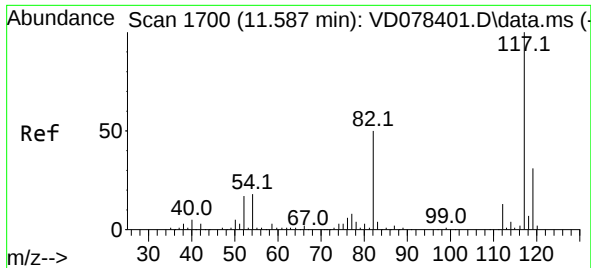
Tgt Ion: 98 Resp: 301378
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 64.508 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078482.D
Acq: 20 Feb 2024 14:42

Tgt Ion: 95 Resp: 110727
Ion Ratio Lower Upper
95 100
174 89.6 0.0 201.8
176 86.4 0.0 191.8

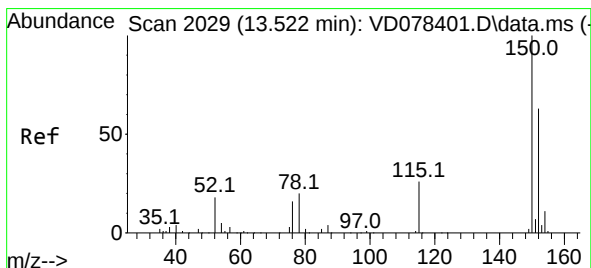
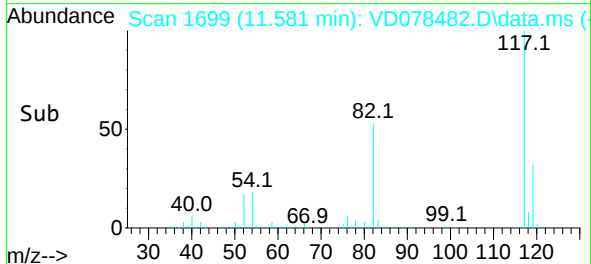
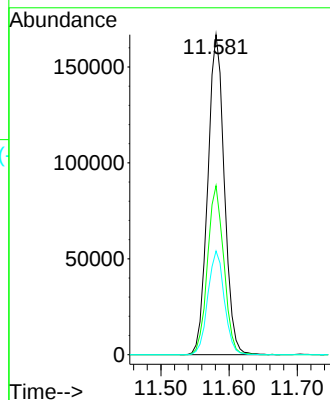
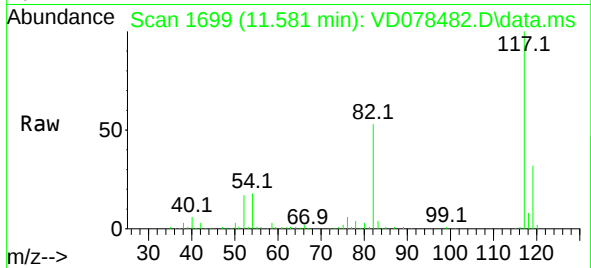




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078482.D
Acq: 20 Feb 2024 14:42

Instrument :
MSVOA_D
ClientSampleId :
20240763-COMPOSITE-39N-N-3-01

Tgt Ion:117 Resp: 281786
Ion Ratio Lower Upper
117 100
82 52.8 38.3 57.5
119 32.4 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: VD078482.D
Acq: 20 Feb 2024 14:42

Tgt Ion:152 Resp: 130590
Ion Ratio Lower Upper
152 100
115 55.9 27.1 81.3
150 159.8 0.0 353.6

