

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078503.D
 Acq On : 21 Feb 2024 17:09
 Operator : RP/MD
 Sample : P1538-10
 Misc : 5.04G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241103-AMENDED-COMPOSITE-35N-N-4-02

Quant Time: Feb 22 00:06:07 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)

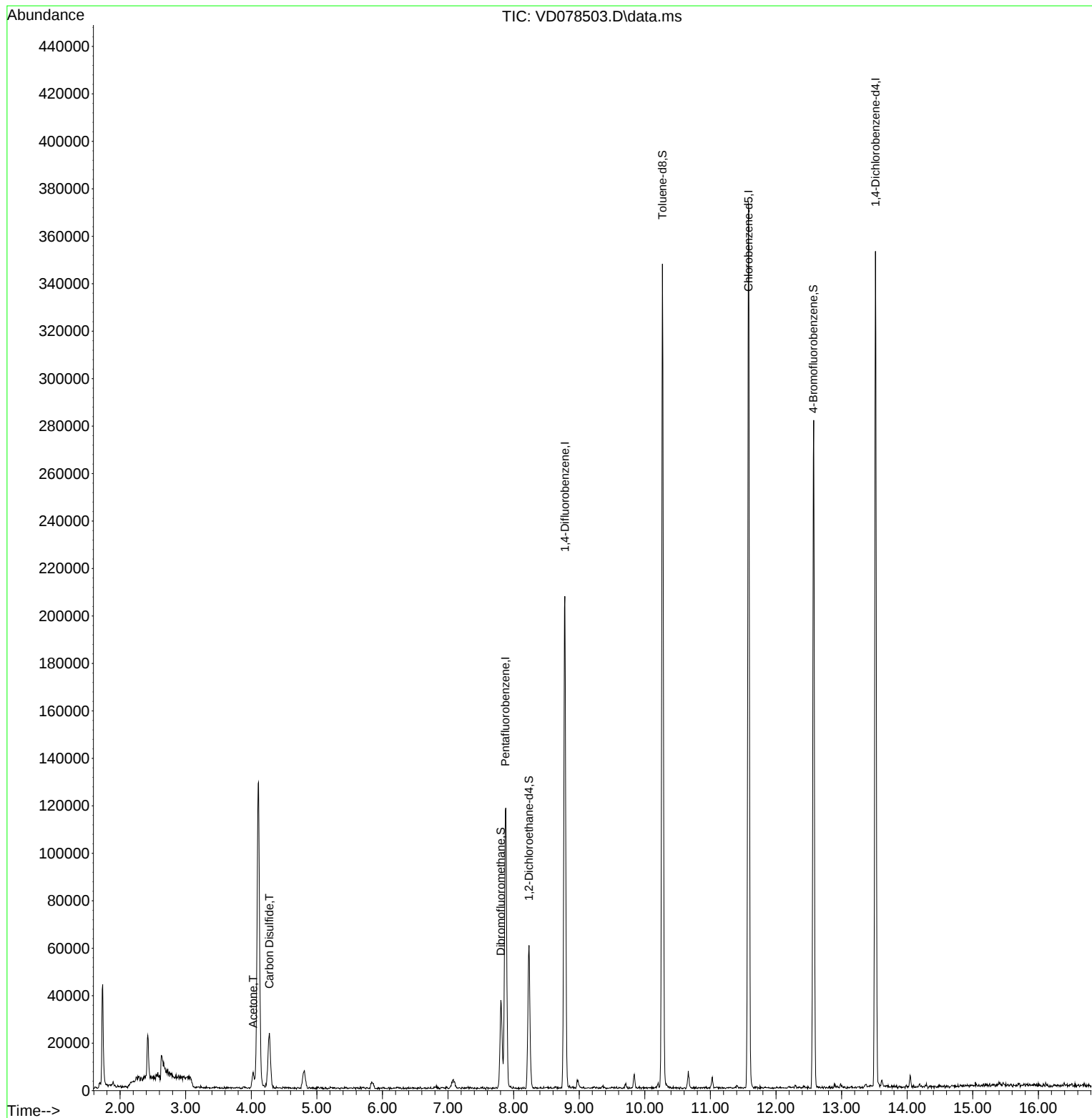
Internal Standards						
1) Pentafluorobenzene	7.875	168	94436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	190143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	220394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44726	43.802	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.600%
35) Dibromofluoromethane	7.805	113	27068	22.411	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	44.820%#
50) Toluene-d8	10.269	98	241629	50.010	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.020%
62) 4-Bromofluorobenzene	12.569	95	84793	60.307	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	120.620%
Target Compounds						
16) Acetone	4.028	43	10658	32.968	ug/l	94
17) Carbon Disulfide	4.275	76	48279	13.937	ug/l #	94

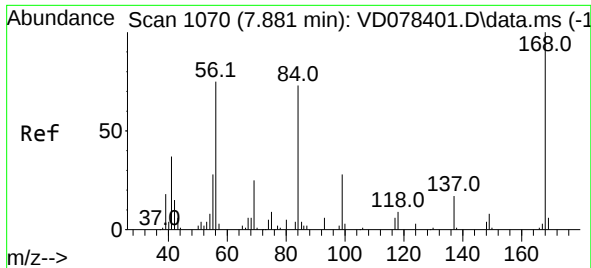
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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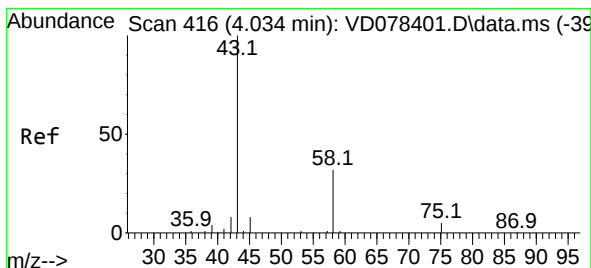
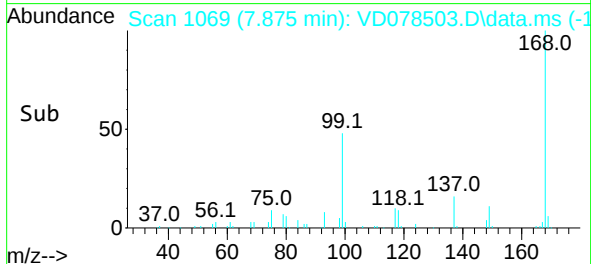
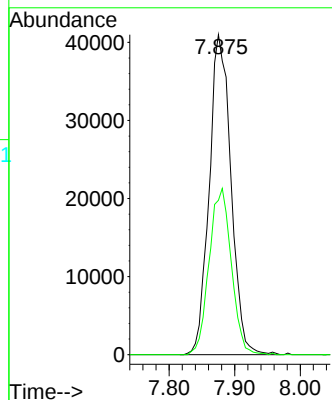
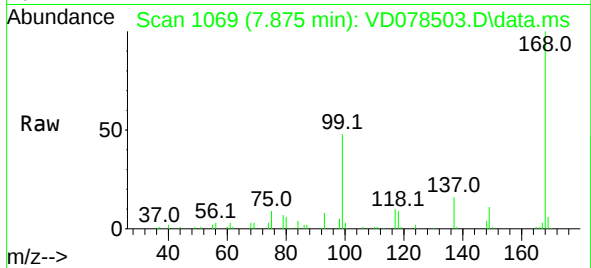




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD078503.D
Acq: 21 Feb 2024 17:09

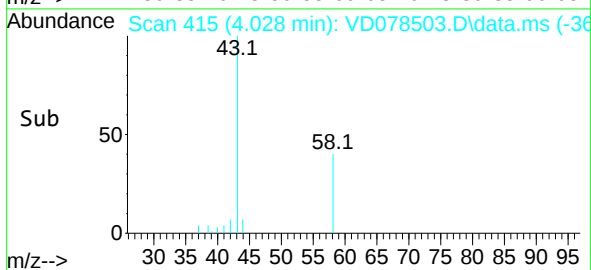
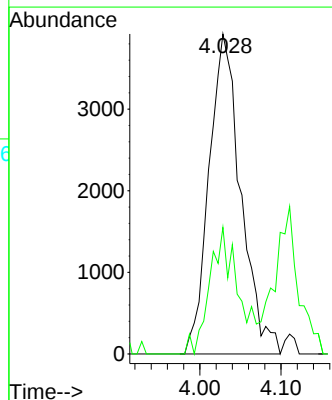
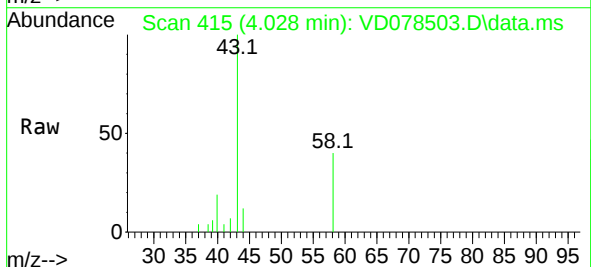
Instrument : MSVOA_D
ClientSampleId : 20241103-AMENDED-COMPOSITE-35N-N-4-02

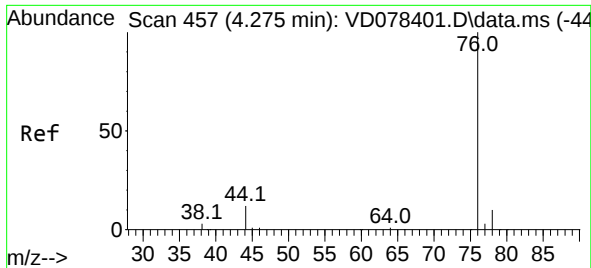
Tgt Ion:168 Resp: 94436
Ion Ratio Lower Upper
168 100
99 48.2 36.7 55.1



#16
Acetone
Concen: 32.968 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078503.D
Acq: 21 Feb 2024 17:09

Tgt Ion: 43 Resp: 10658
Ion Ratio Lower Upper
43 100
58 39.5 34.7 52.1





#17
Carbon Disulfide
Concen: 13.937 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078503.D
Acq: 21 Feb 2024 17:09

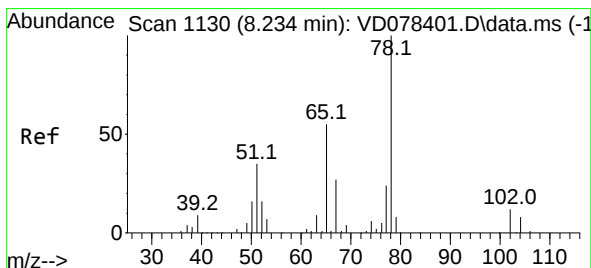
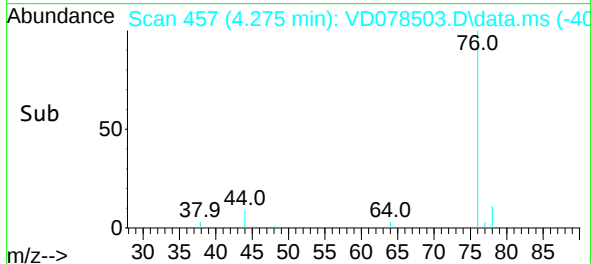
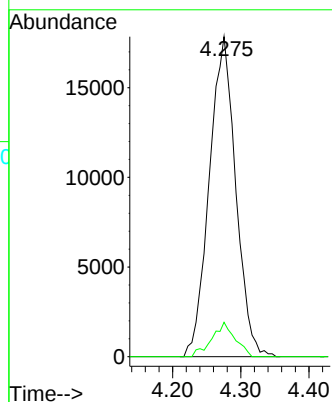
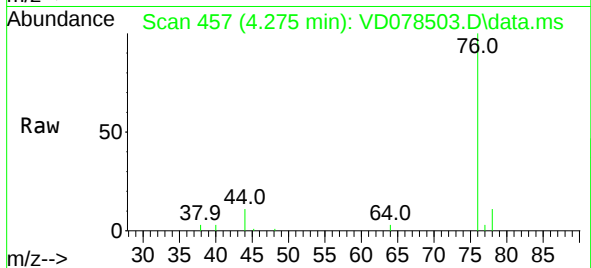
Instrument :

MSVOA_D

ClientSampleId :

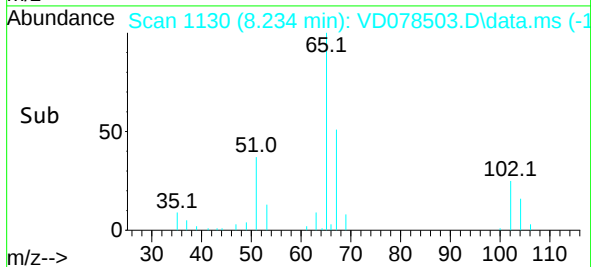
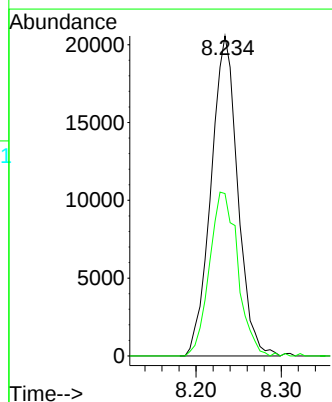
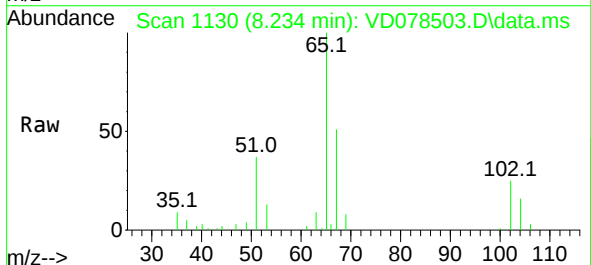
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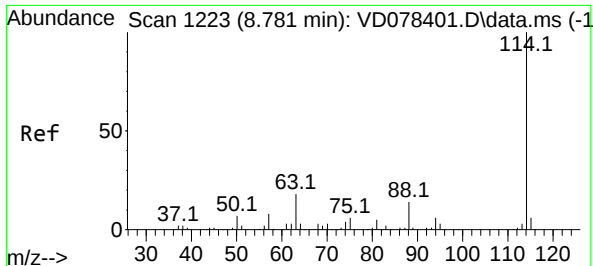
Tgt Ion: 76 Resp: 48279
Ion Ratio Lower Upper
76 100
78 10.8 6.8 10.2#



#33
1,2-Dichloroethane-d4
Concen: 43.802 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078503.D
Acq: 21 Feb 2024 17:09

Tgt Ion: 65 Resp: 44726
Ion Ratio Lower Upper
65 100
67 54.3 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: VD078503.D
Acq: 21 Feb 2024 17:09

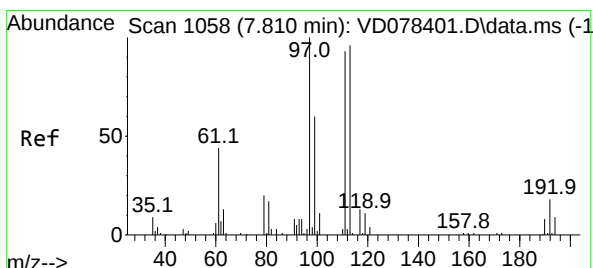
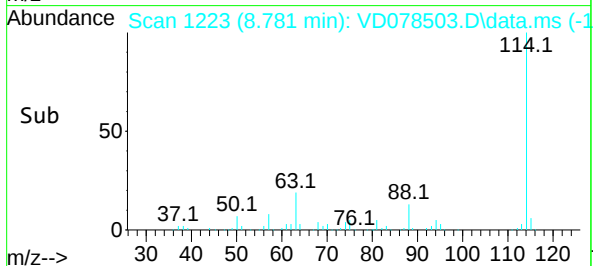
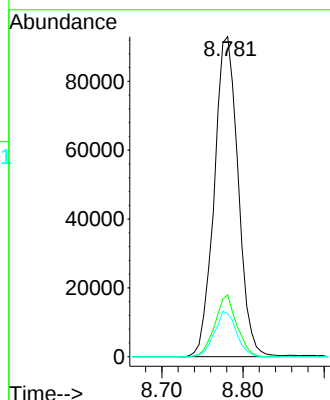
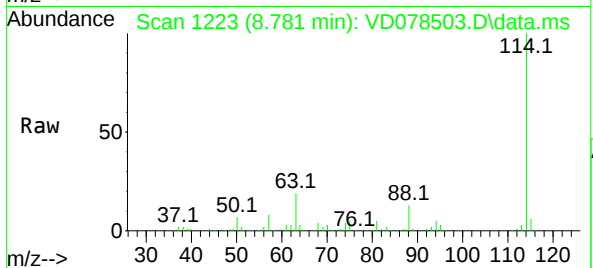
Instrument :

MSVOA_D

ClientSampleId :

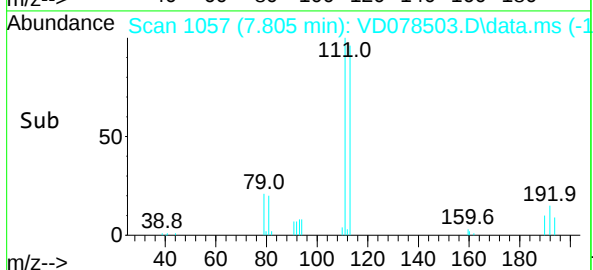
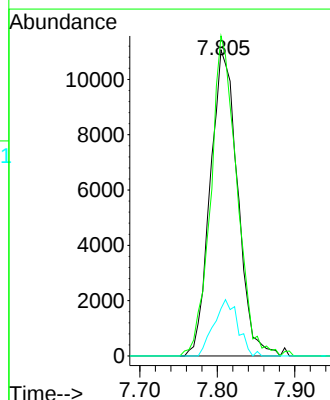
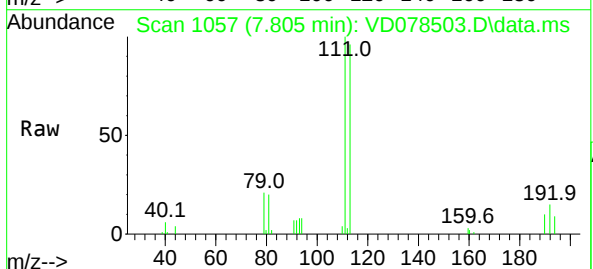
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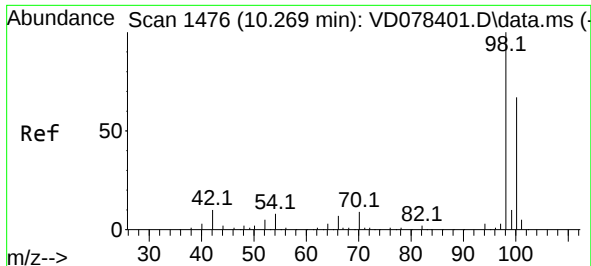
Tgt Ion:114 Resp: 190143
Ion Ratio Lower Upper
114 100
63 19.3 0.0 33.4
88 13.5 0.0 26.2



#35
Dibromofluoromethane
Concen: 22.411 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078503.D
Acq: 21 Feb 2024 17:09

Tgt Ion:113 Resp: 27068
Ion Ratio Lower Upper
113 100
111 100.4 84.7 127.1
192 16.2 16.8 25.2#





#50
Toluene-d8
Concen: 50.010 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078503.D
Acq: 21 Feb 2024 17:09

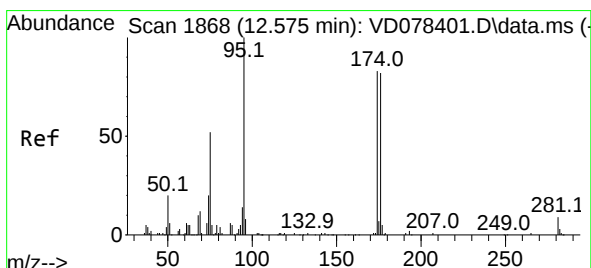
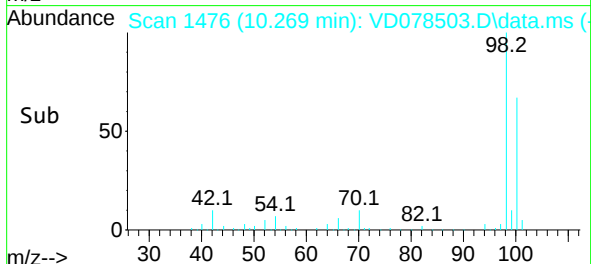
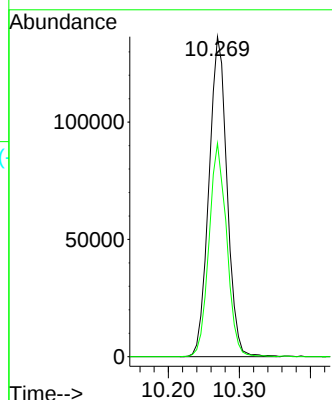
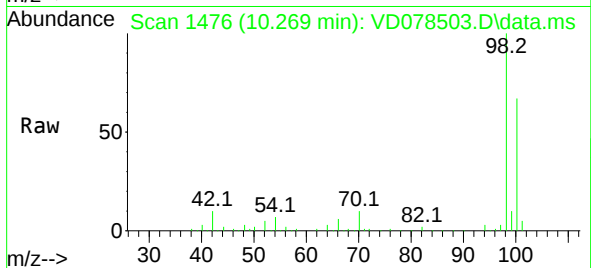
Instrument :

MSVOA_D

ClientSampleId :

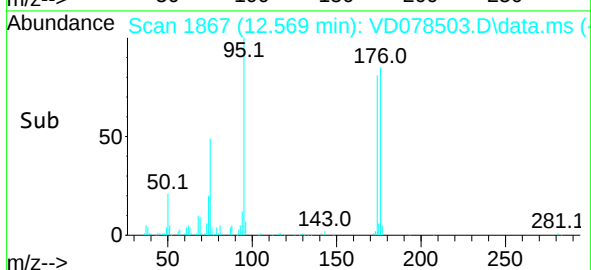
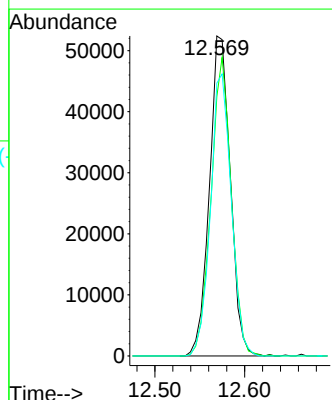
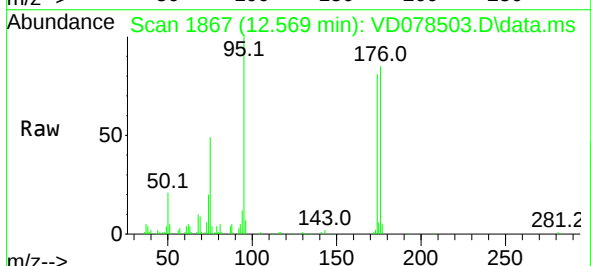
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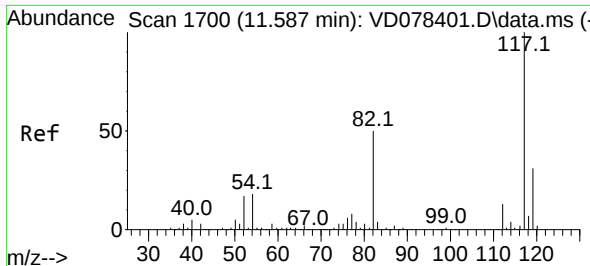
Tgt Ion: 98 Resp: 241629
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 60.307 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078503.D
Acq: 21 Feb 2024 17:09

Tgt Ion: 95 Resp: 84793
Ion Ratio Lower Upper
95 100
174 90.1 0.0 201.8
176 87.7 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078503.D
Acq: 21 Feb 2024 17:09

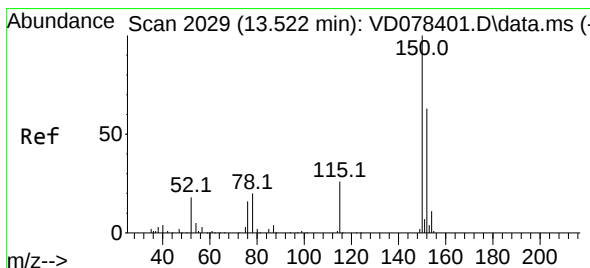
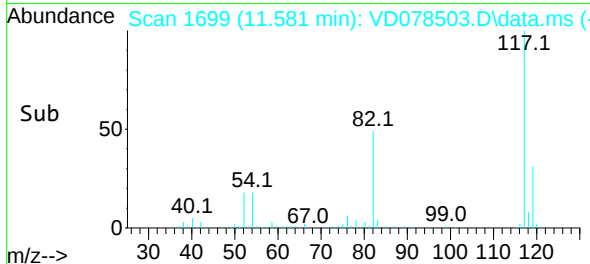
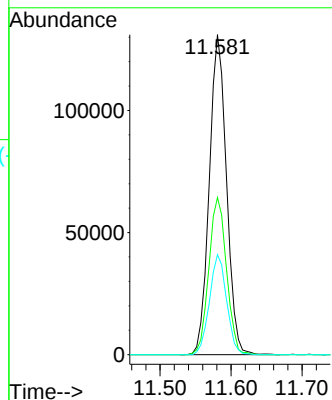
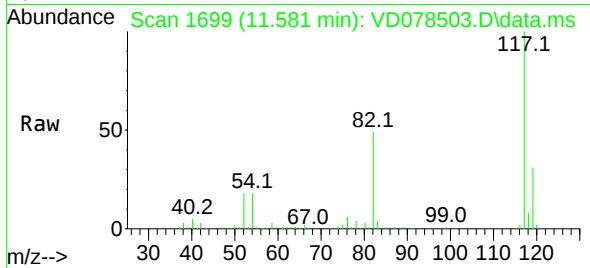
Instrument :

MSVOA_D

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20241103-AMENDED-COMPOSITE-35N-N-4-02

Tgt Ion:117 Resp: 220394
Ion Ratio Lower Upper
117 100
82 49.1 38.3 57.5
119 31.3 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: VD078503.D
Acq: 21 Feb 2024 17:09

Tgt Ion:152 Resp: 93226
Ion Ratio Lower Upper
152 100
115 57.1 27.1 81.3
150 157.9 0.0 353.6

