

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078522.D
 Acq On : 22 Feb 2024 17:26
 Operator : RP/MD
 Sample : P1538-14
 Misc : 5.09G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06

Quant Time: Feb 23 01:06:20 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)

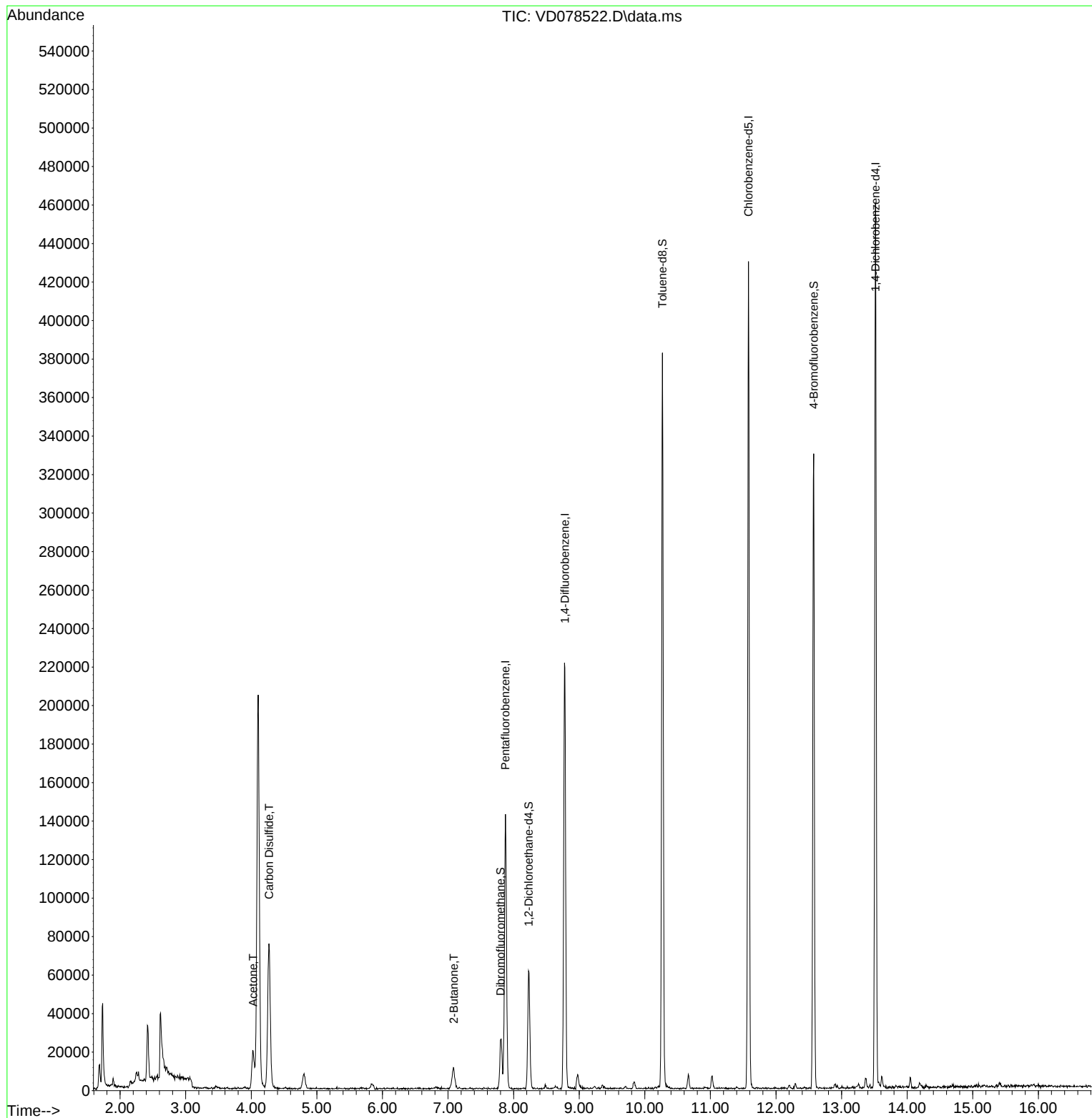
Internal Standards						
1) Pentafluorobenzene	7.875	168	107931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	207319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	249574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	122359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	46755	40.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.120%
35) Dibromofluoromethane	7.799	113	20863	15.842	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	31.680%#
50) Toluene-d8	10.269	98	267078	50.698	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.400%
62) 4-Bromofluorobenzene	12.575	95	99252	64.742	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	129.480%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	33385	135.748	ug/l	90
17) Carbon Disulfide	4.269	76	158282	39.979	ug/l	97
25) 2-Butanone	7.087	43	7969	12.006	ug/l #	87

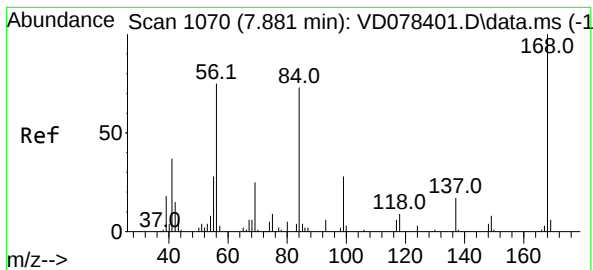
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

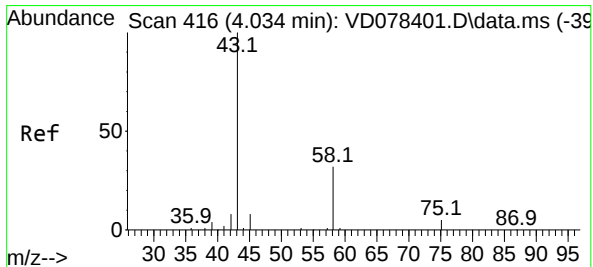
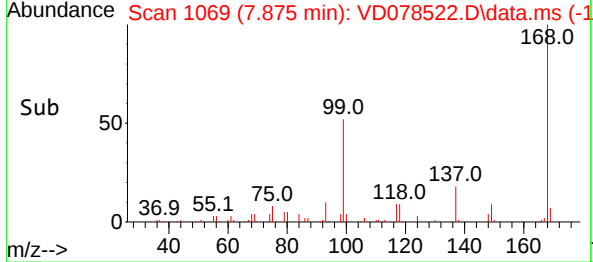
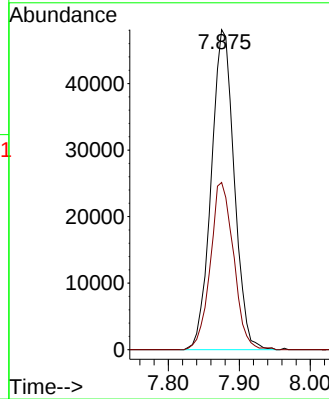
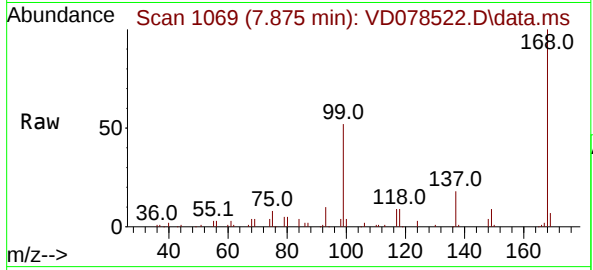




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD078522.D
Acq: 22 Feb 2024 17:26

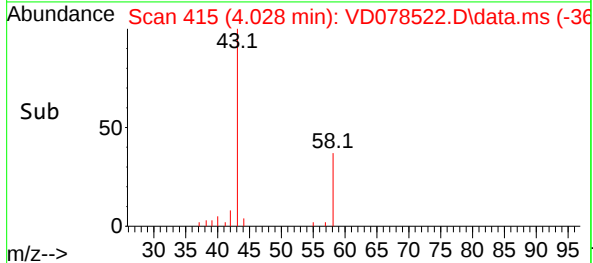
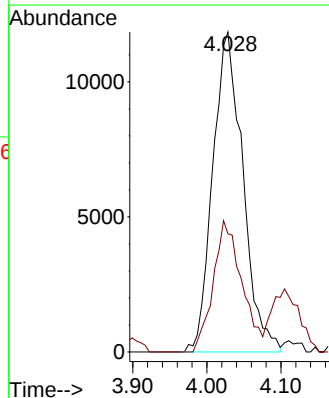
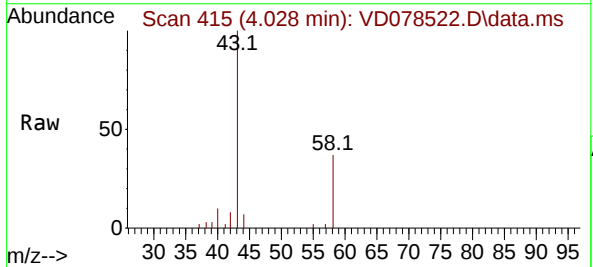
Instrument : MSVOA_D
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06

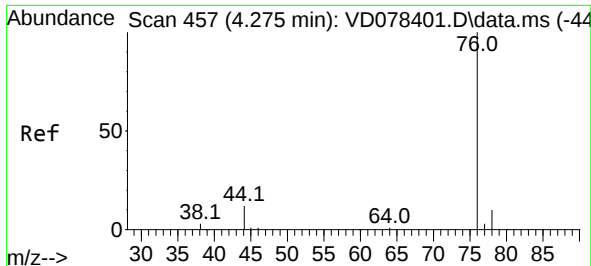
Tgt Ion:168 Resp: 107931
Ion Ratio Lower Upper
168 100
99 52.3 36.7 55.1



#16
Acetone
Concen: 135.748 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078522.D
Acq: 22 Feb 2024 17:26

Tgt Ion: 43 Resp: 33385
Ion Ratio Lower Upper
43 100
58 37.0 34.7 52.1





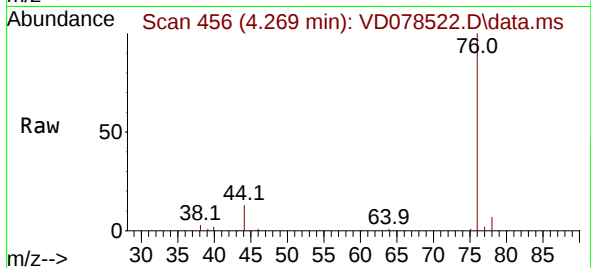
#17
Carbon Disulfide
Concen: 39.979 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078522.D
Acq: 22 Feb 2024 17:26

Instrument :

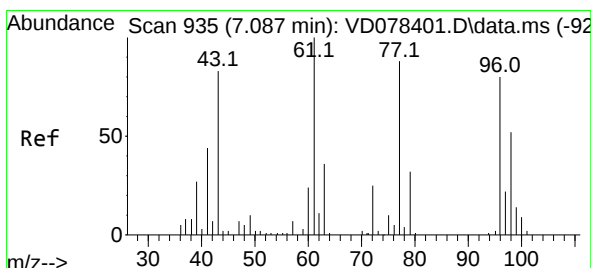
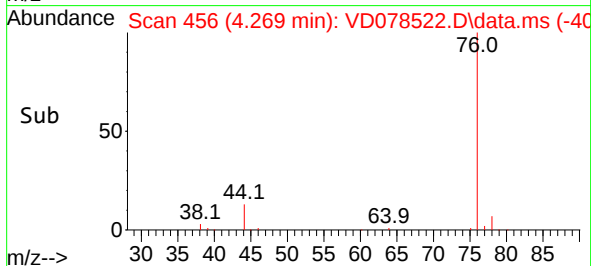
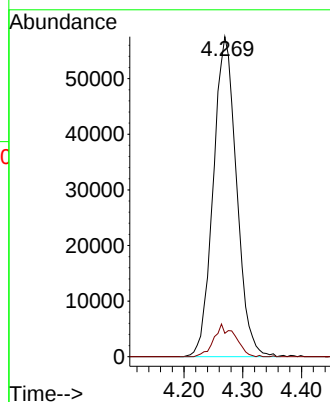
MSVOA_D

ClientSampleId :

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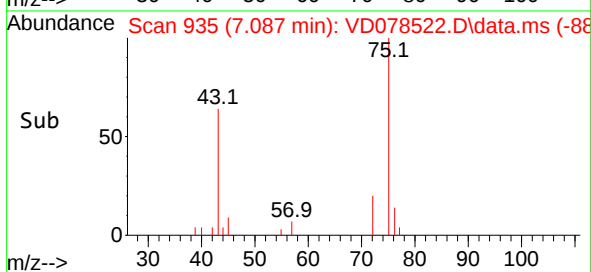
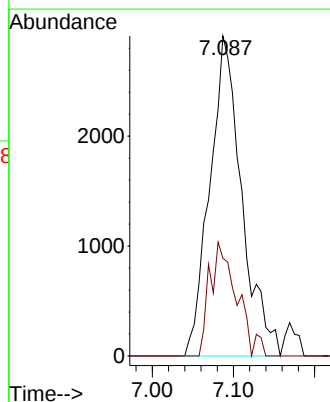
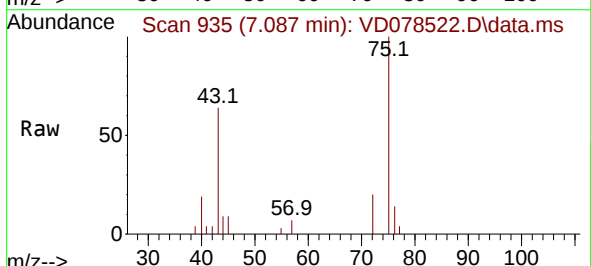


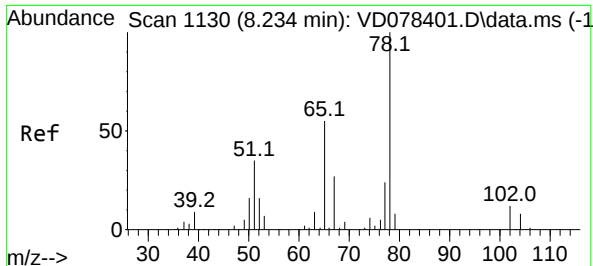
Tgt Ion: 76 Resp: 158282
Ion Ratio Lower Upper
76 100
78 7.3 6.8 10.2



#25
2-Butanone
Concen: 12.006 ug/l
RT: 7.087 min Scan# 935
Delta R.T. -0.000 min
Lab File: VD078522.D
Acq: 22 Feb 2024 17:26

Tgt Ion: 43 Resp: 7969
Ion Ratio Lower Upper
43 100
72 30.6 30.7 46.1#





#33

1,2-Dichloroethane-d4

Concen: 40.064 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078522.D

Acq: 22 Feb 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

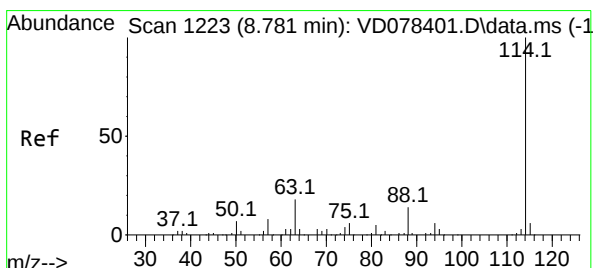
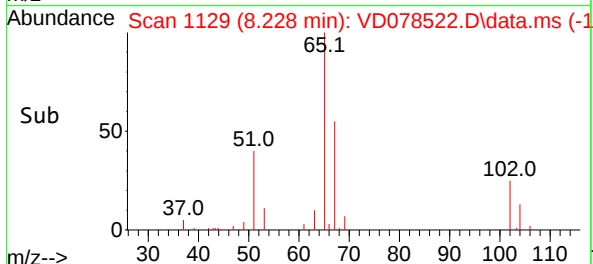
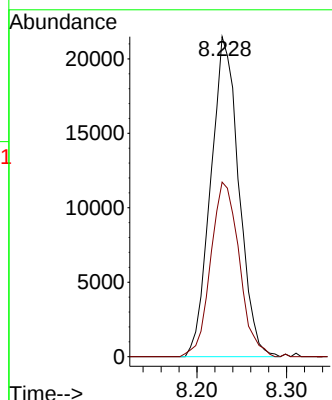
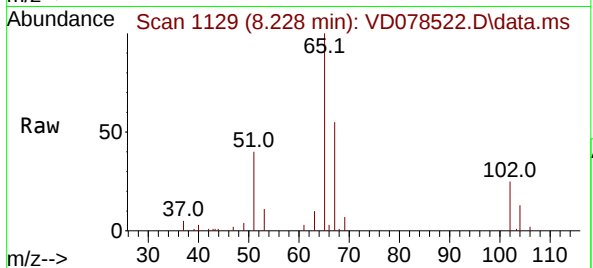
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Tgt Ion: 65 Resp: 46755

Ion Ratio Lower Upper

65 100

67 55.5 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078522.D

Acq: 22 Feb 2024 17:26

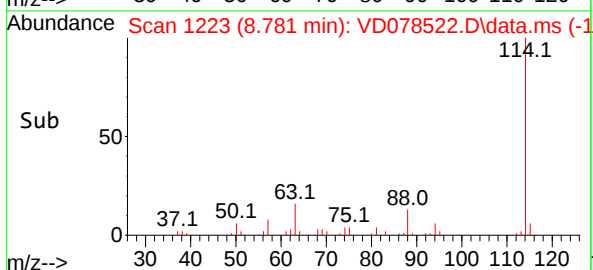
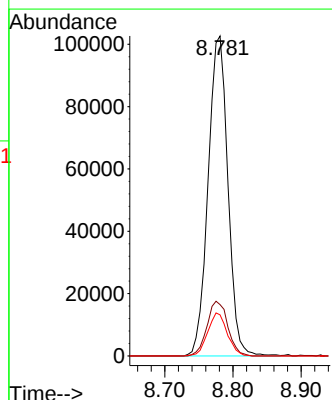
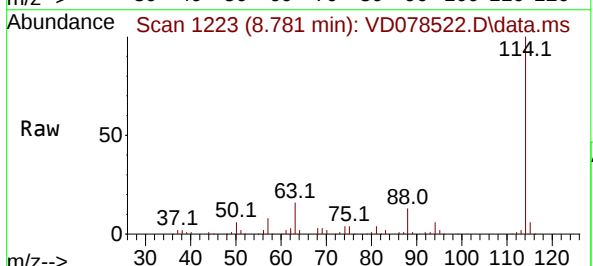
Tgt Ion: 114 Resp: 207319

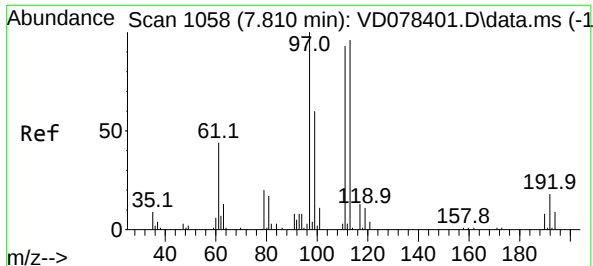
Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.4

88 12.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 15.842 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.012 min

Lab File: VD078522.D

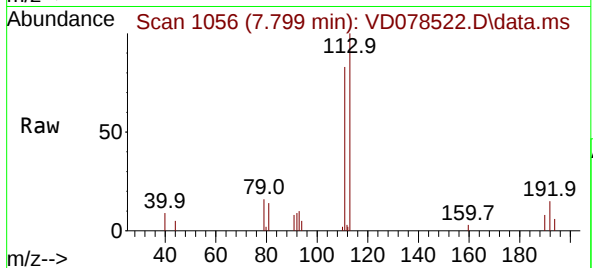
Acq: 22 Feb 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

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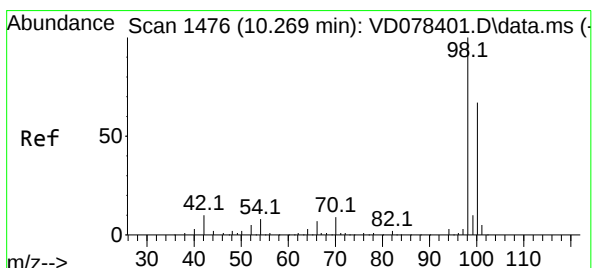
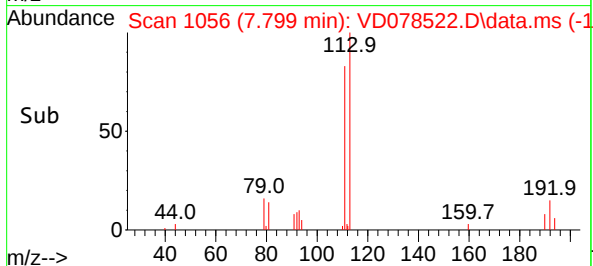
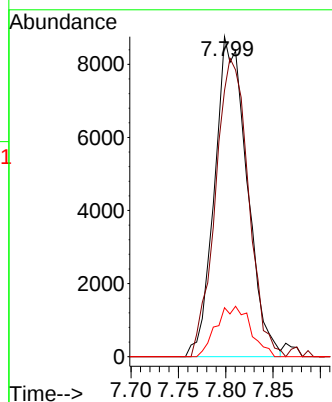
Tgt Ion:113 Resp: 20863

Ion Ratio Lower Upper

113 100

111 94.9 84.7 127.1

192 16.7 16.8 25.2#



#50

Toluene-d8

Concen: 50.698 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078522.D

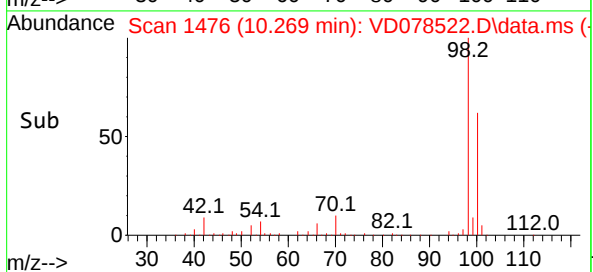
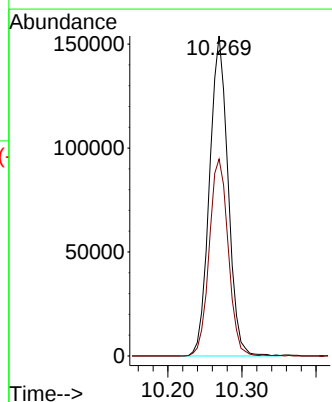
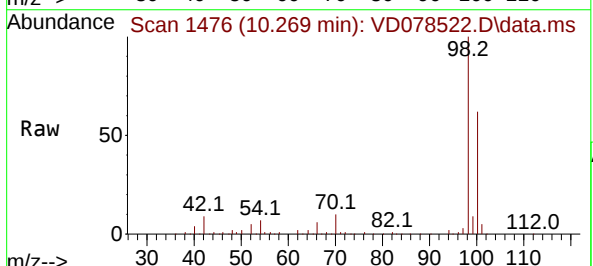
Acq: 22 Feb 2024 17:26

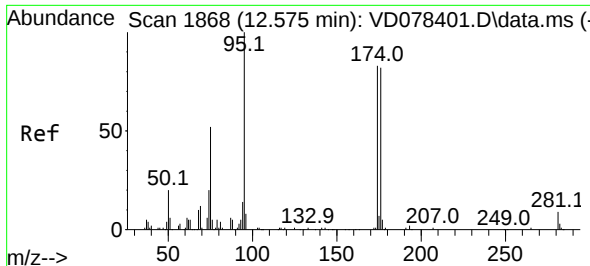
Tgt Ion: 98 Resp: 267078

Ion Ratio Lower Upper

98 100

100 62.9 50.3 75.5





#62
4-Bromofluorobenzene
Concen: 64.742 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078522.D
Acq: 22 Feb 2024 17:26

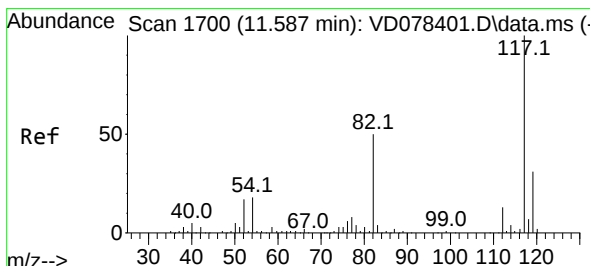
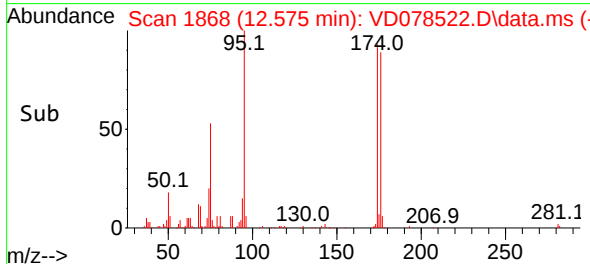
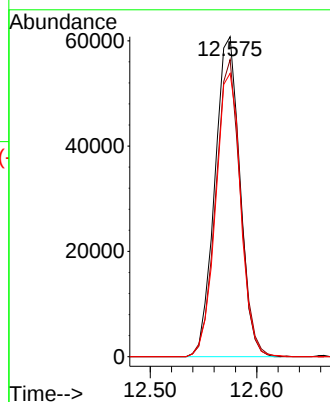
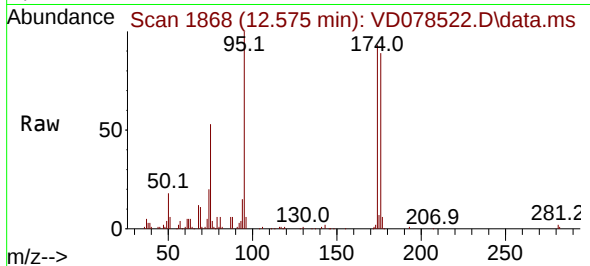
Instrument :

MSVOA_D

ClientSampleId :

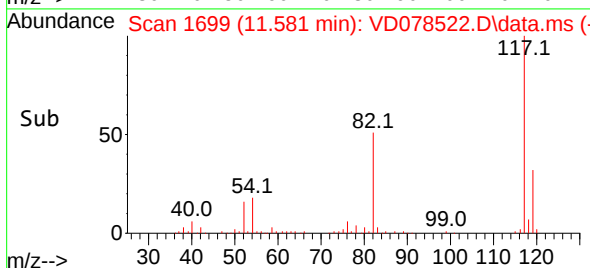
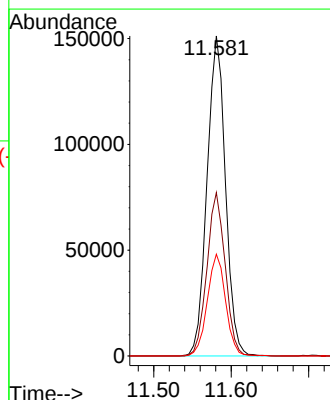
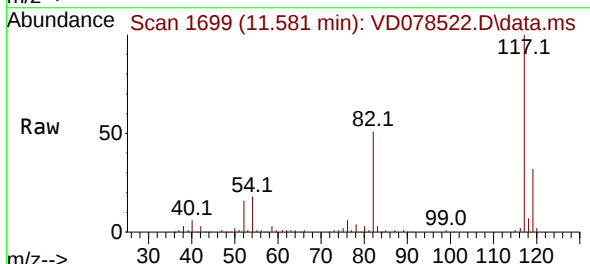
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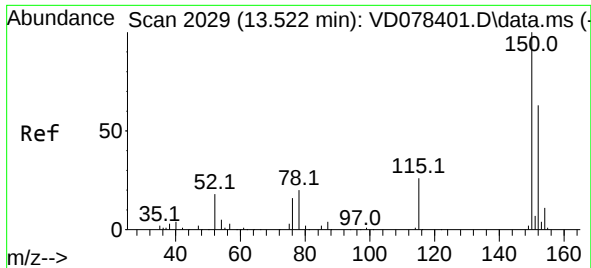
Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	201.8
176	88.5	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078522.D
Acq: 22 Feb 2024 17:26

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.0	38.3	57.5
119	31.8	25.0	37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD078522.D

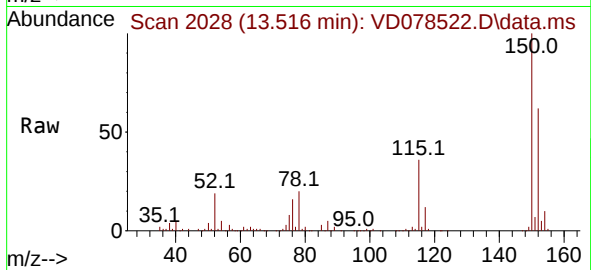
Acq: 22 Feb 2024 17:26

Instrument :

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ClientSampleId :

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Tgt Ion:152 Resp: 122359

Ion Ratio Lower Upper

152 100

115 55.3 27.1 81.3

150 158.5 0.0 353.6

