

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078539.D
 Acq On : 23 Feb 2024 16:42
 Operator : RP/MD
 Sample : P1538-13
 Misc : 4.99G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241106-AMENDED-COMPOSITE-35N-N-4-05

Quant Time: Feb 24 00:24:50 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)

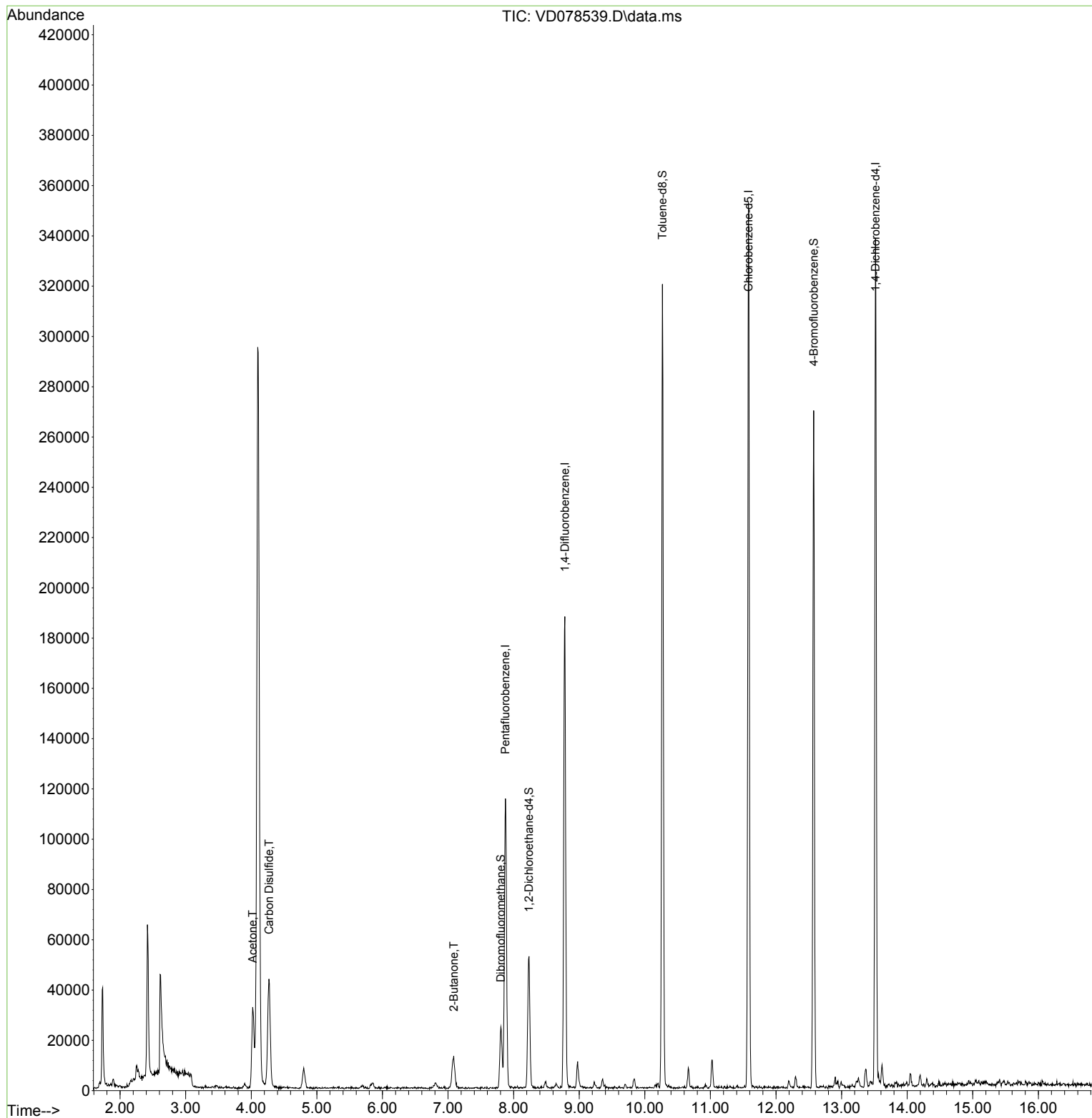
Internal Standards						
1) Pentafluorobenzene	7.875	168	90227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	173347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	207967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	41476	42.514	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.020%
35) Dibromofluoromethane	7.805	113	18264	16.587	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	33.180%#
50) Toluene-d8	10.269	98	220928	50.156	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.575	95	80379	62.707	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	125.420%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	52502	284.272	ug/l	90
17) Carbon Disulfide	4.270	76	89681	27.096	ug/l	99
25) 2-Butanone	7.087	43	12073	35.365	ug/l	93

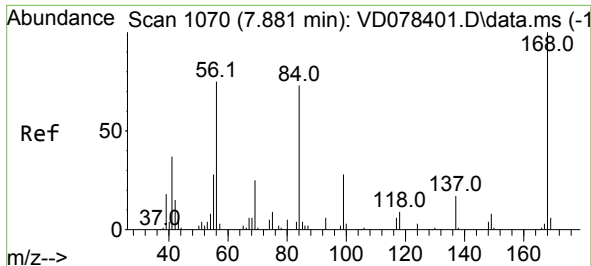
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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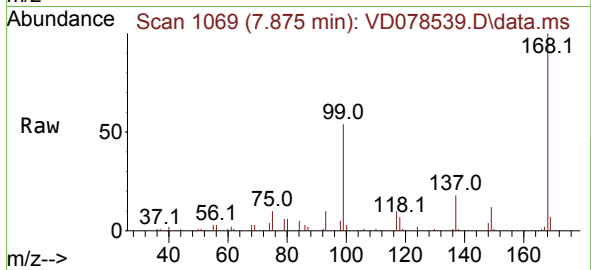
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078539.D
Acq: 23 Feb 2024 16:42

Instrument :

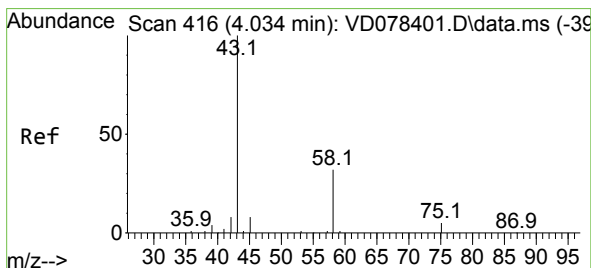
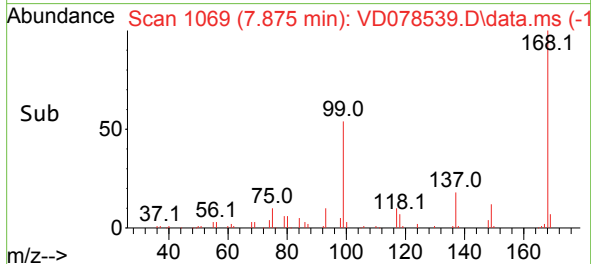
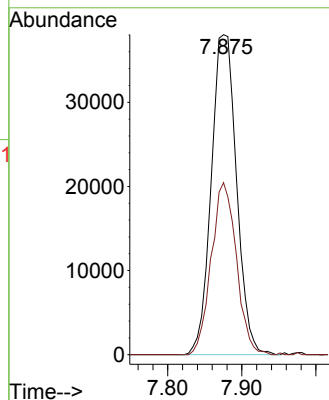
MSVOA_D

ClientSampleId :

20241106-AMENDED-COMPOSITE-35N-N-4-05

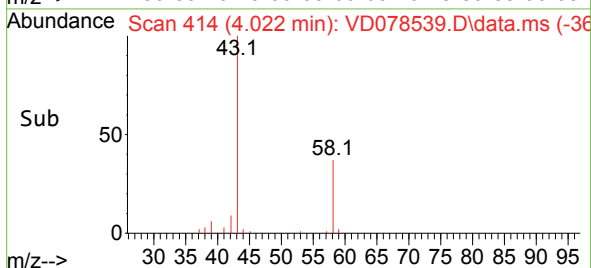
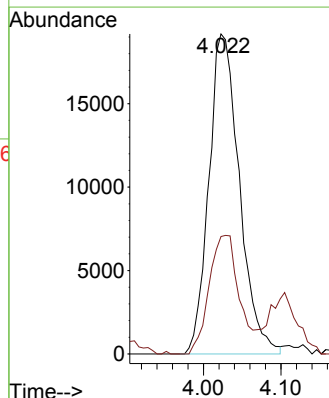
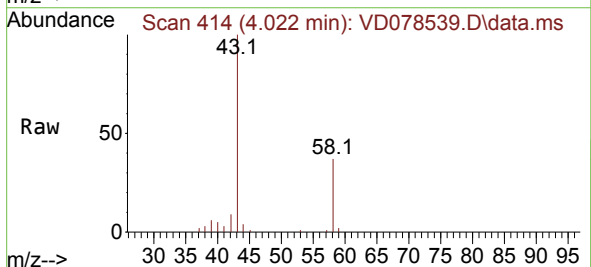


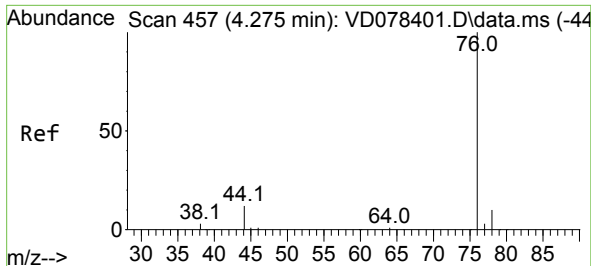
Tgt Ion:168 Resp: 90227
Ion Ratio Lower Upper
168 100
99 53.7 36.7 55.1



#16
Acetone
Concen: 284.272 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078539.D
Acq: 23 Feb 2024 16:42

Tgt Ion: 43 Resp: 52502
Ion Ratio Lower Upper
43 100
58 36.7 34.7 52.1





#17
Carbon Disulfide
Concen: 27.096 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078539.D
Acq: 23 Feb 2024 16:42

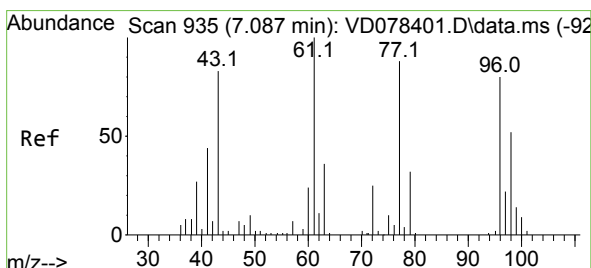
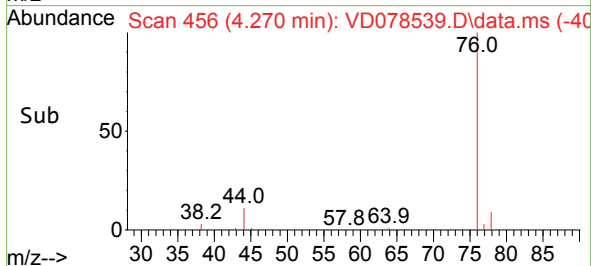
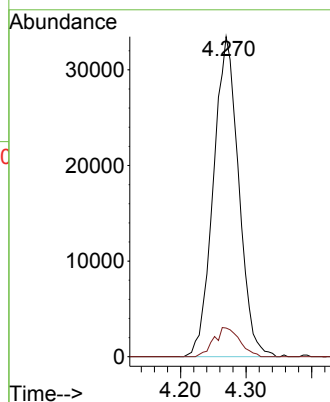
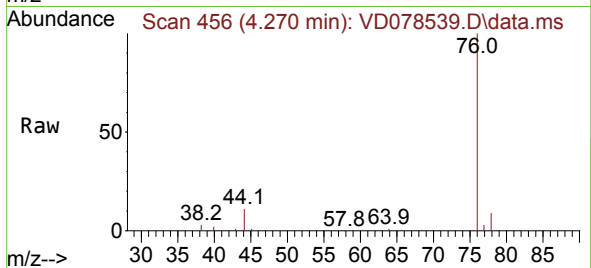
Instrument :

MSVOA_D

ClientSampleId :

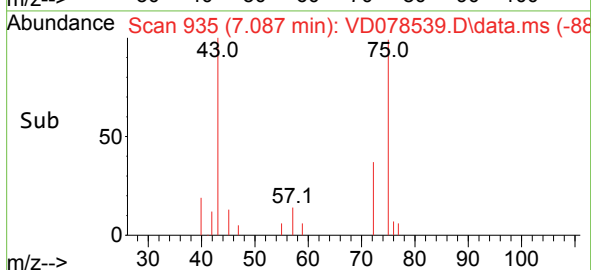
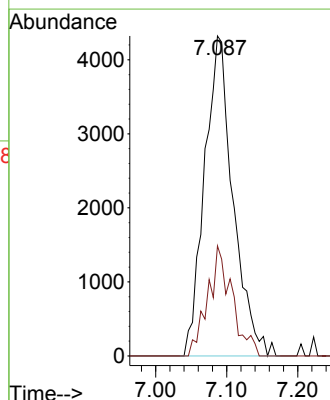
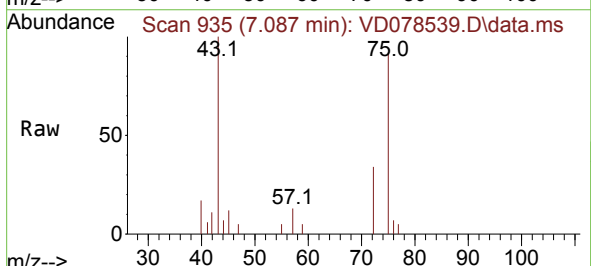
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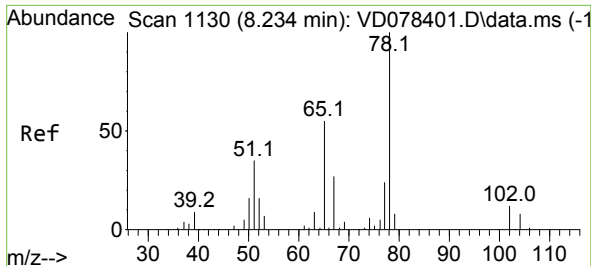
Tgt Ion: 76 Resp: 89681
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#25
2-Butanone
Concen: 35.365 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.000 min
Lab File: VD078539.D
Acq: 23 Feb 2024 16:42

Tgt Ion: 43 Resp: 12073
Ion Ratio Lower Upper
43 100
72 34.4 30.7 46.1





#33

1,2-Dichloroethane-d4

Concen: 42.514 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078539.D

Acq: 23 Feb 2024 16:42

Instrument :

MSVOA_D

ClientSampleId :

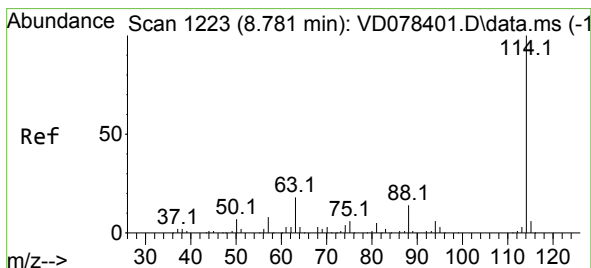
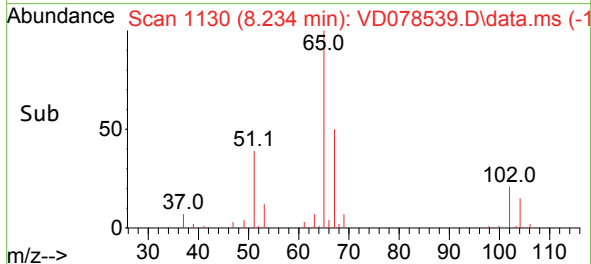
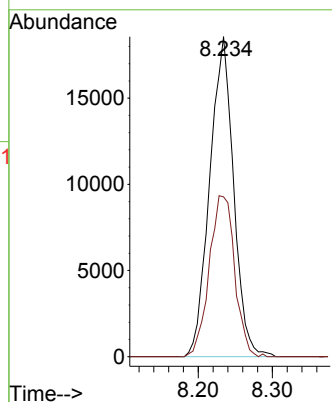
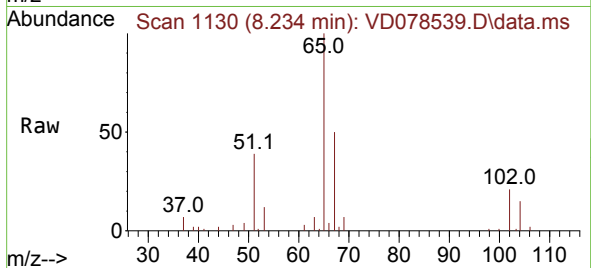
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Tgt Ion: 65 Resp: 41476

Ion Ratio Lower Upper

65 100

67 53.6 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: VD078539.D

Acq: 23 Feb 2024 16:42

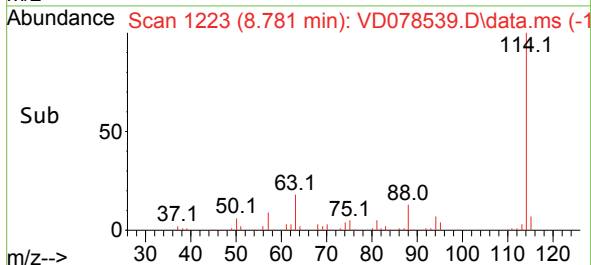
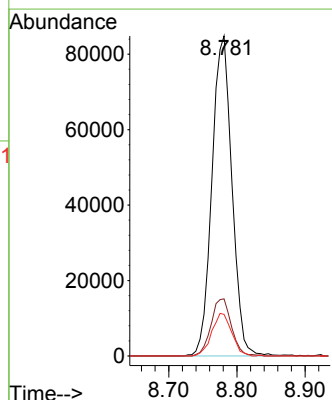
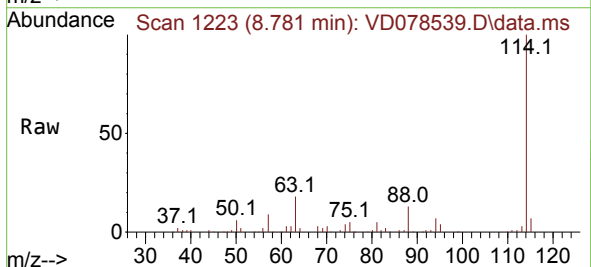
Tgt Ion: 114 Resp: 173347

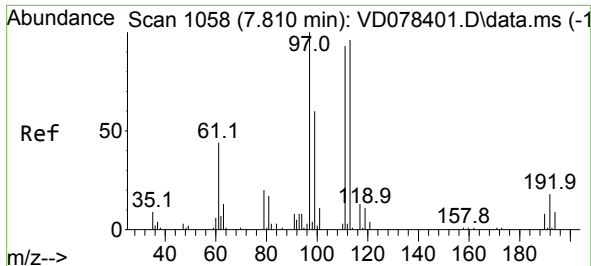
Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 13.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 16.587 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078539.D

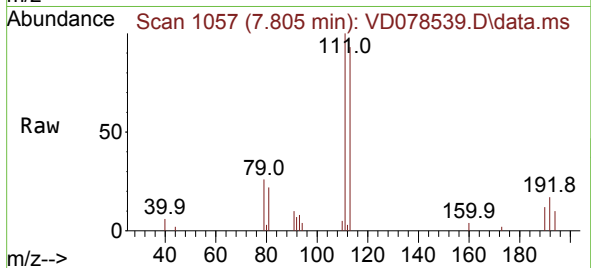
Acq: 23 Feb 2024 16:42

Instrument :

MSVOA_D

ClientSampleId :

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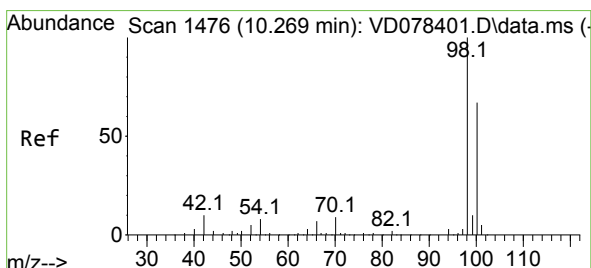
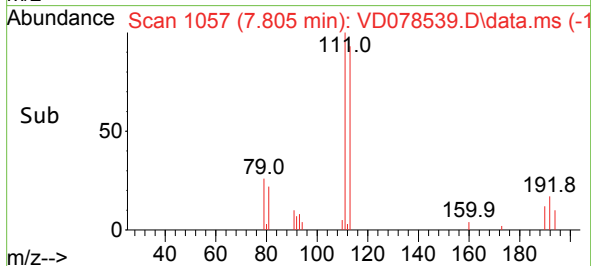
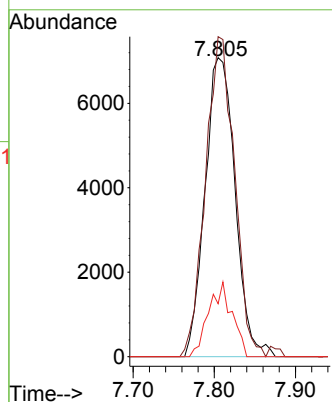
Tgt Ion:113 Resp: 18264

Ion Ratio Lower Upper

113 100

111 102.9 84.7 127.1

192 19.4 16.8 25.2



#50

Toluene-d8

Concen: 50.156 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078539.D

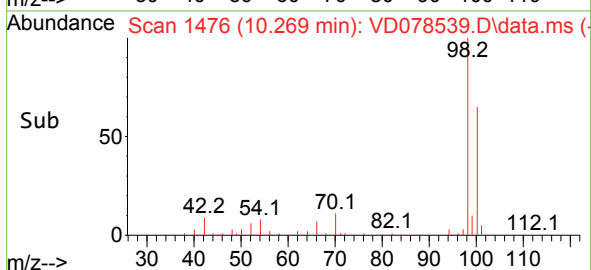
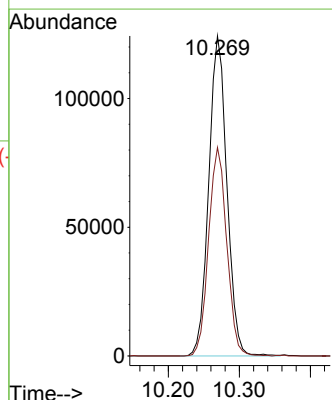
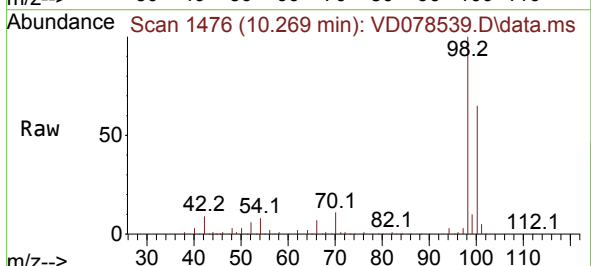
Acq: 23 Feb 2024 16:42

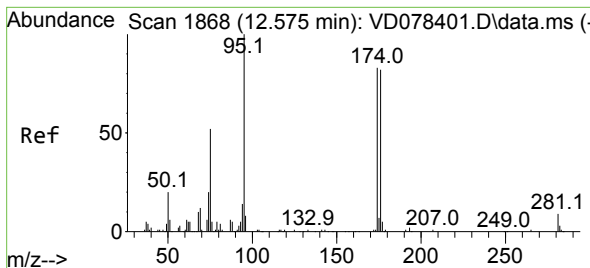
Tgt Ion: 98 Resp: 220928

Ion Ratio Lower Upper

98 100

100 65.1 50.3 75.5





#62
4-Bromofluorobenzene
Concen: 62.707 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078539.D
Acq: 23 Feb 2024 16:42

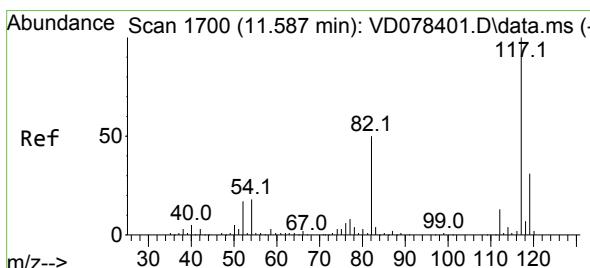
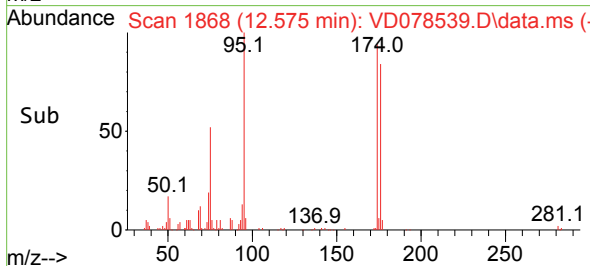
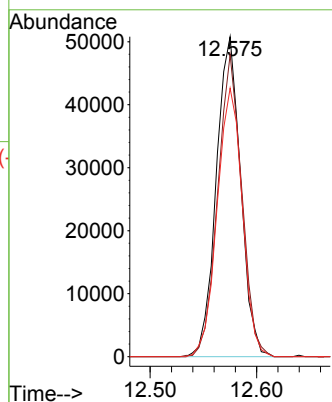
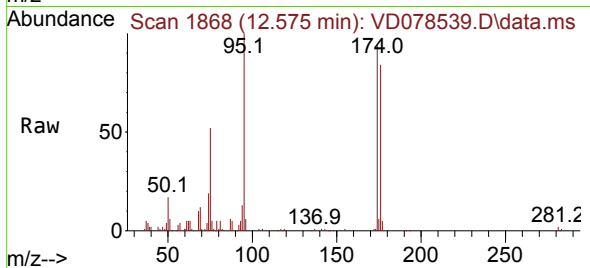
Instrument :

MSVOA_D

ClientSampleId :

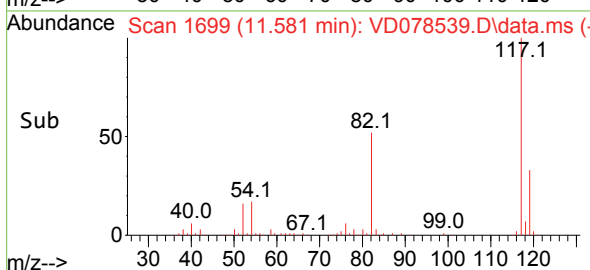
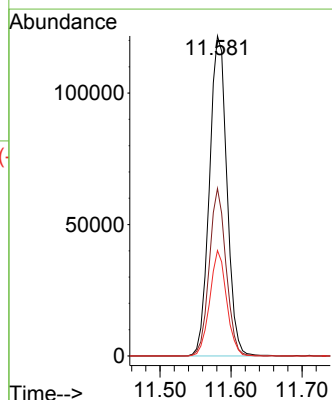
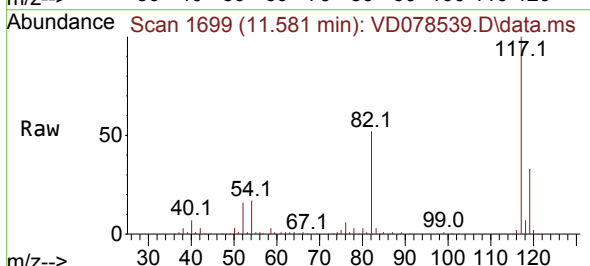
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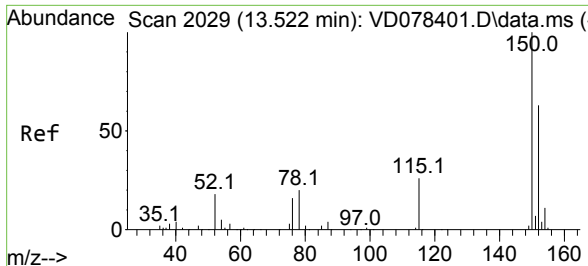
Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	201.8
176	86.8	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078539.D
Acq: 23 Feb 2024 16:42

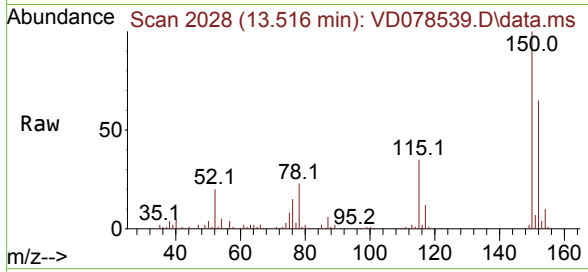
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.4	38.3	57.5
119	33.0	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD078539.D
 Acq: 23 Feb 2024 16:42

Instrument :
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Tgt Ion:152 Resp: 92637
 Ion Ratio Lower Upper
 152 100
 115 54.4 27.1 81.3
 150 157.1 0.0 353.6

