

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078521.D
 Acq On : 22 Feb 2024 16:58
 Operator : RP/MD
 Sample : P1538-12
 Misc : 5.02G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241105-AMENDED-COMPOSITE-35N-N-4-04

Quant Time: Feb 23 02:07:24 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)

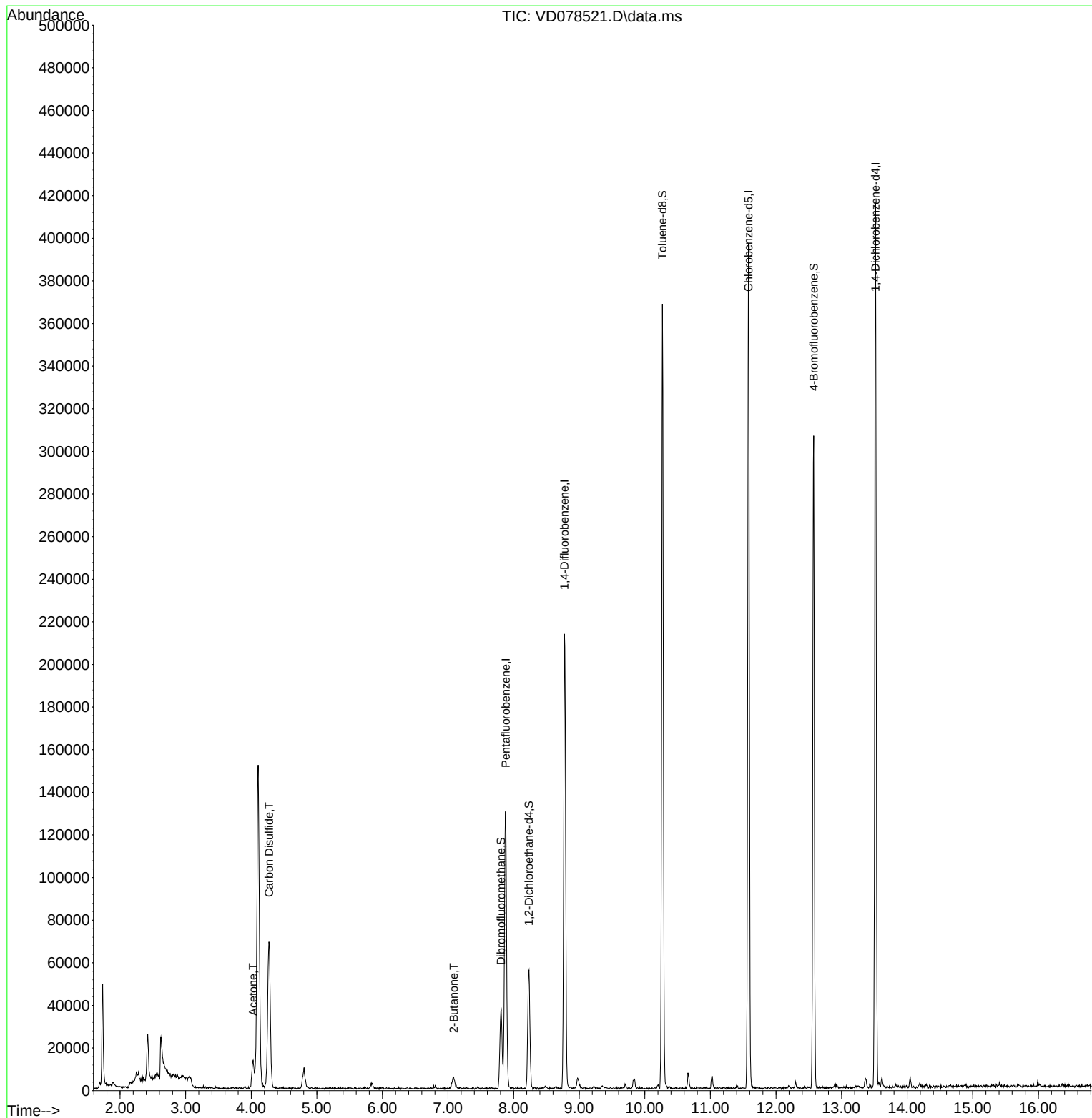
Internal Standards						
1) Pentafluorobenzene	7.881	168	100671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	196636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	234943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	43271	39.753	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.500%
35) Dibromofluoromethane	7.810	113	28217	22.590	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	45.180%#
50) Toluene-d8	10.269	98	252970	50.629	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.575	95	90844	62.477	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	124.960%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	22156	88.647	ug/l	92
17) Carbon Disulfide	4.269	76	147703	39.998	ug/l	98
25) 2-Butanone	7.087	43	4882	2.137	ug/l	90

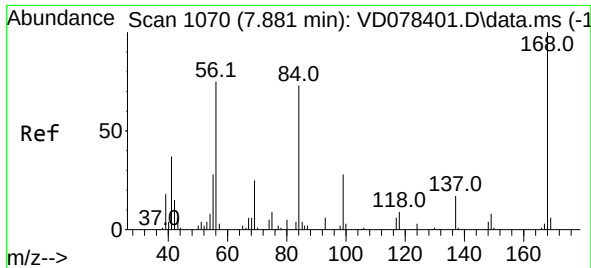
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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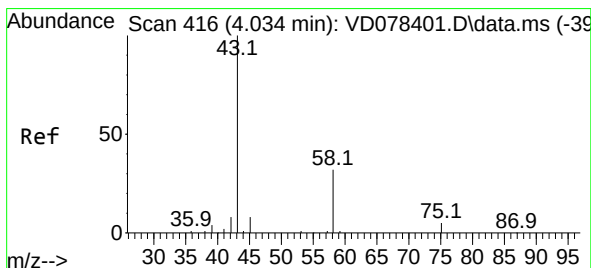
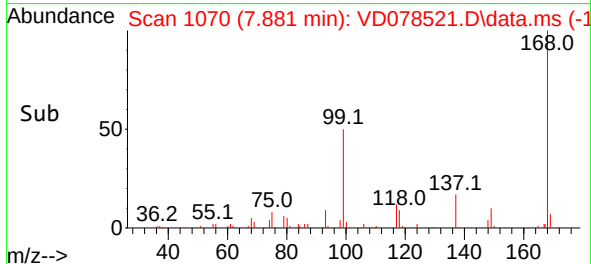
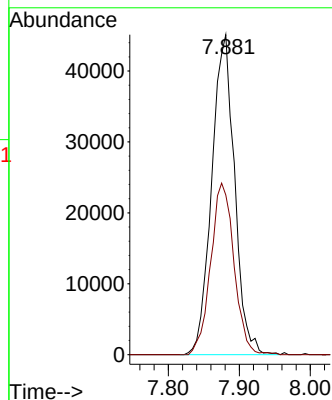
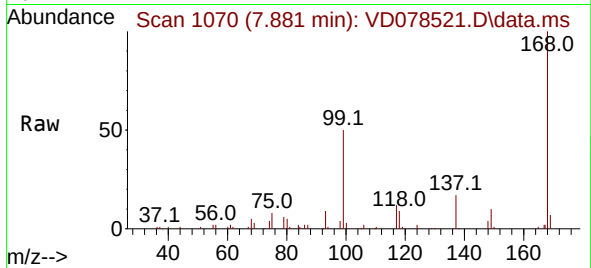




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078521.D
Acq: 22 Feb 2024 16:58

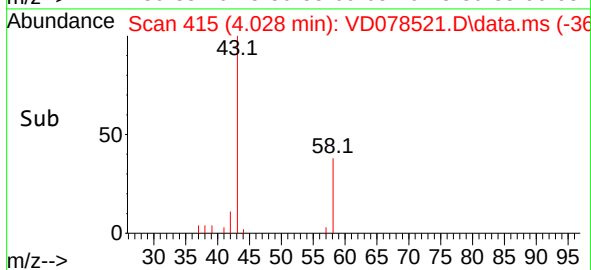
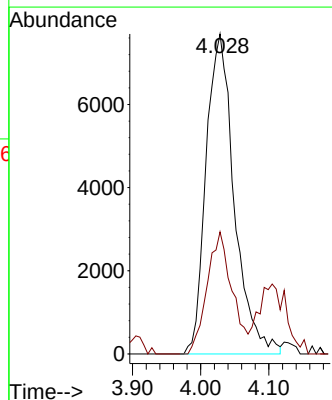
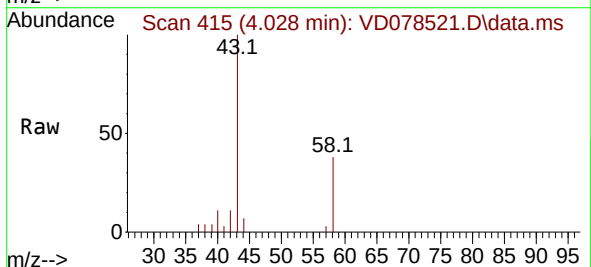
Instrument :
MSVOA_D
ClientSampleId :
20241105-AMENDED-COMPOSITE-35N-N-4-04

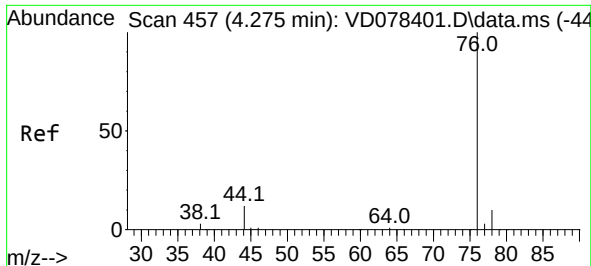
Tgt Ion:168 Resp: 100671
Ion Ratio Lower Upper
168 100
99 49.9 36.7 55.1



#16
Acetone
Concen: 88.647 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078521.D
Acq: 22 Feb 2024 16:58

Tgt Ion: 43 Resp: 22156
Ion Ratio Lower Upper
43 100
58 38.1 34.7 52.1





#17
Carbon Disulfide
Concen: 39.998 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078521.D
Acq: 22 Feb 2024 16:58

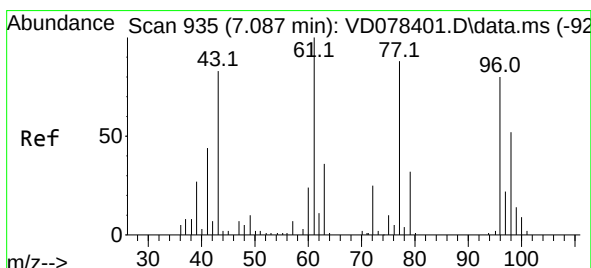
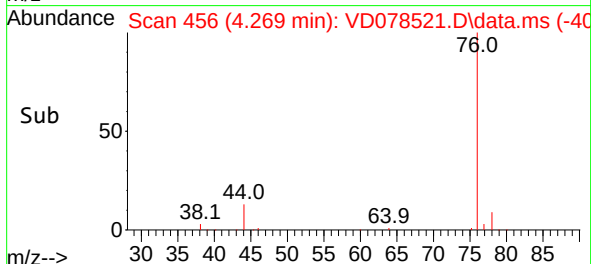
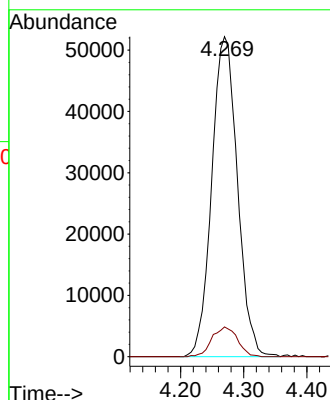
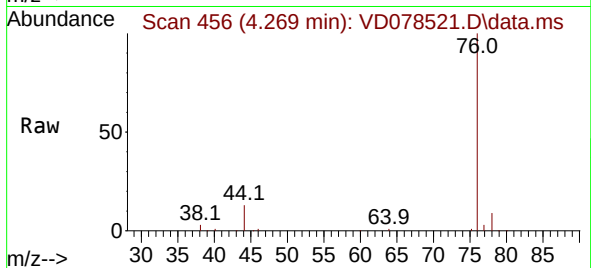
Instrument :

MSVOA_D

ClientSampleId :

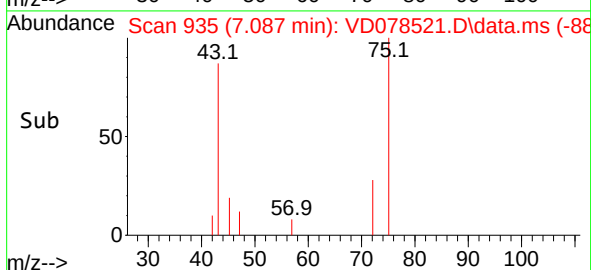
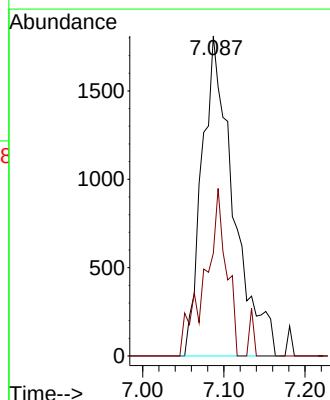
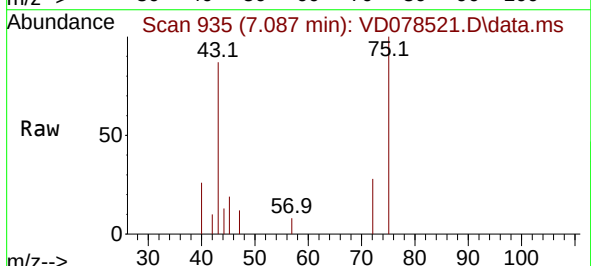
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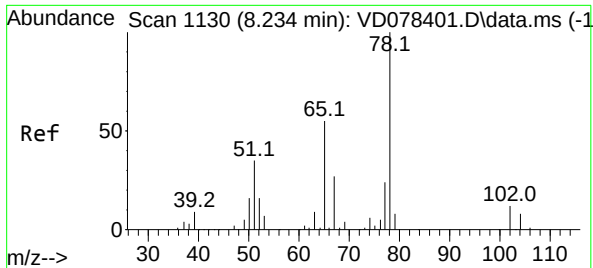
Tgt Ion: 76 Resp: 147703
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#25
2-Butanone
Concen: 2.137 ug/l
RT: 7.087 min Scan# 935
Delta R.T. -0.000 min
Lab File: VD078521.D
Acq: 22 Feb 2024 16:58

Tgt Ion: 43 Resp: 4882
Ion Ratio Lower Upper
43 100
72 32.1 30.7 46.1





#33

1,2-Dichloroethane-d4

Concen: 39.753 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078521.D

Acq: 22 Feb 2024 16:58

Instrument :

MSVOA_D

ClientSampleId :

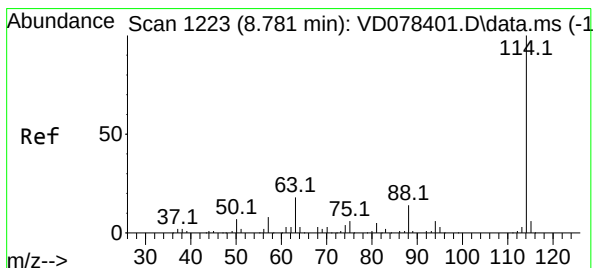
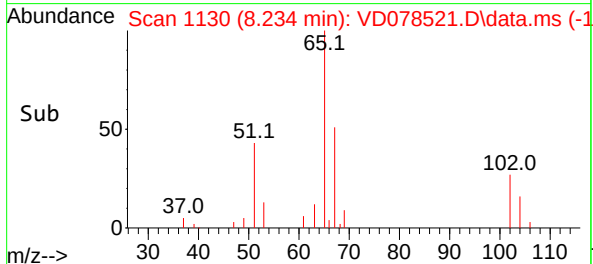
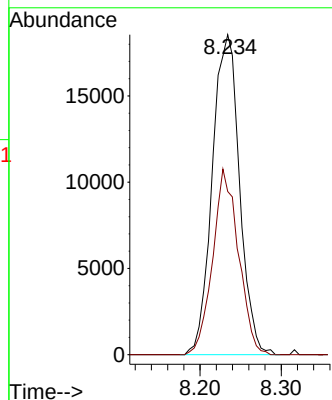
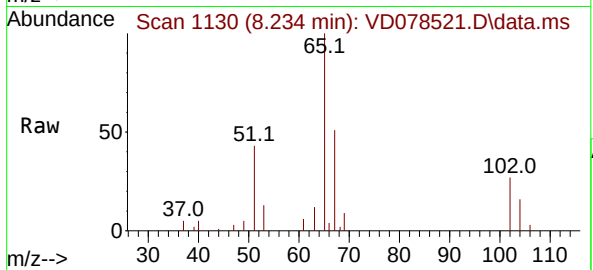
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Tgt Ion: 65 Resp: 43271

Ion Ratio Lower Upper

65 100

67 54.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078521.D

Acq: 22 Feb 2024 16:58

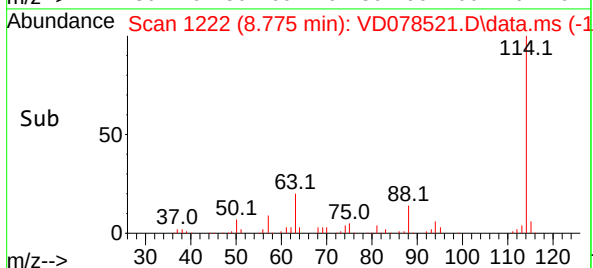
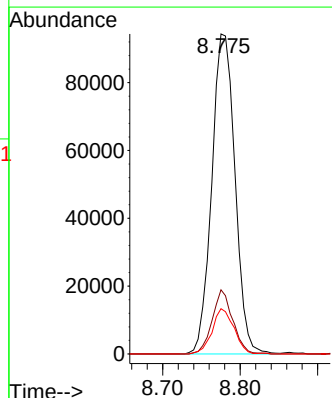
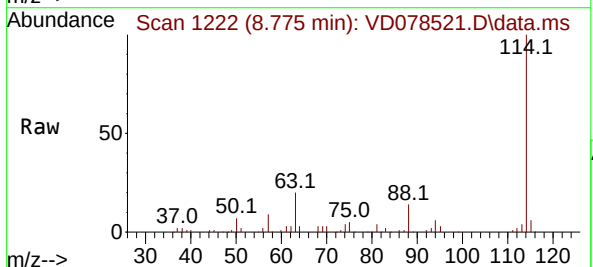
Tgt Ion: 114 Resp: 196636

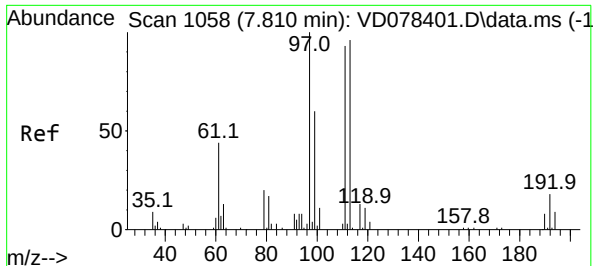
Ion Ratio Lower Upper

114 100

63 20.0 0.0 33.4

88 14.1 0.0 26.2





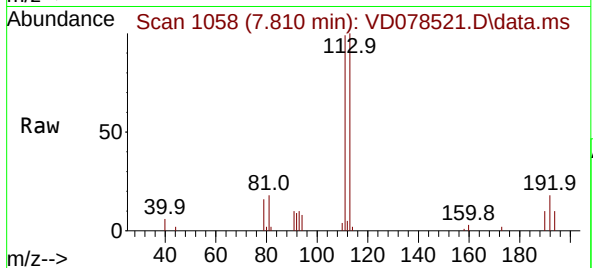
#35
 Dibromofluoromethane
 Concen: 22.590 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: VD078521.D
 Acq: 22 Feb 2024 16:58

Instrument :

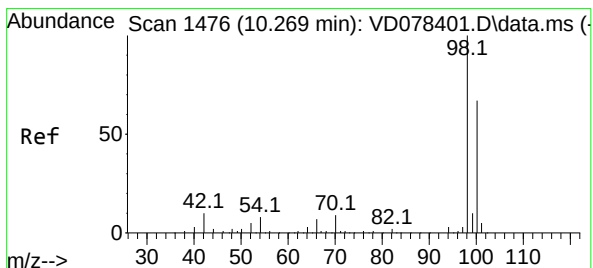
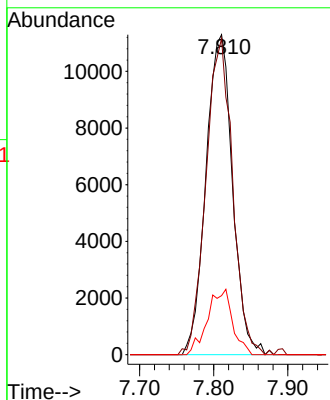
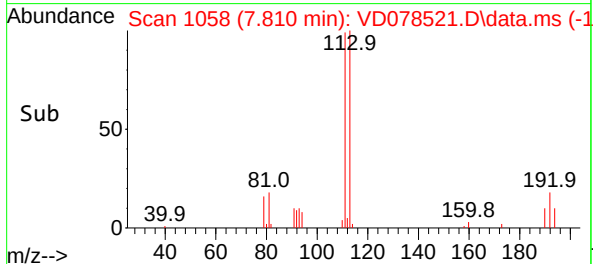
MSVOA_D

ClientSampleId :

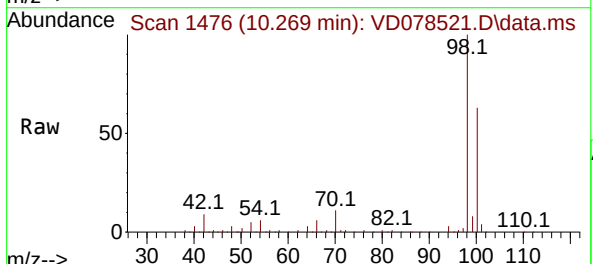
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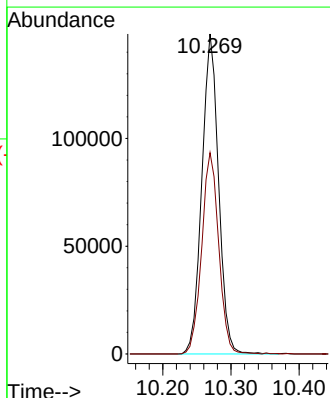
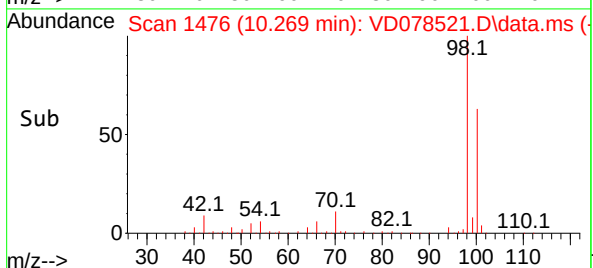
Tgt Ion:113 Resp: 28217
 Ion Ratio Lower Upper
 113 100
 111 98.3 84.7 127.1
 192 19.1 16.8 25.2

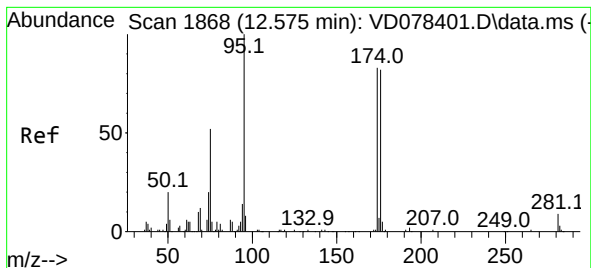


#50
 Toluene-d8
 Concen: 50.629 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD078521.D
 Acq: 22 Feb 2024 16:58



Tgt Ion: 98 Resp: 252970
 Ion Ratio Lower Upper
 98 100
 100 64.0 50.3 75.5





#62
4-Bromofluorobenzene
Concen: 62.477 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078521.D
Acq: 22 Feb 2024 16:58

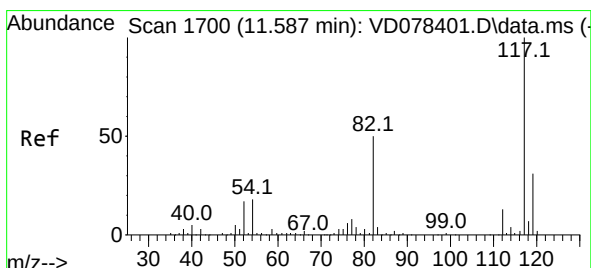
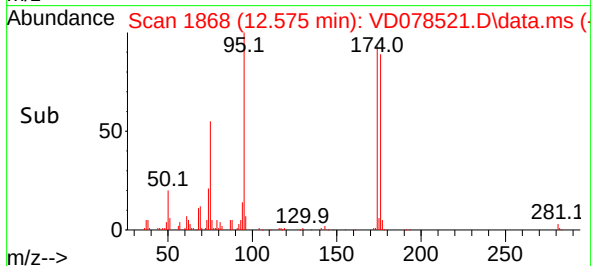
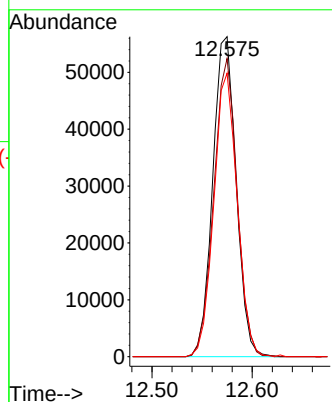
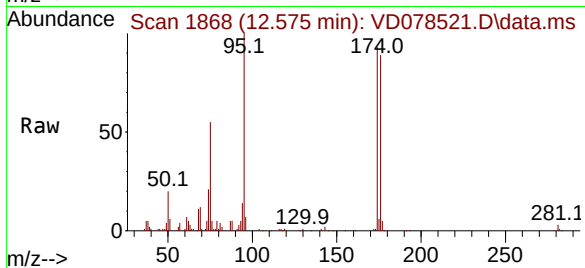
Instrument :

MSVOA_D

ClientSampleId :

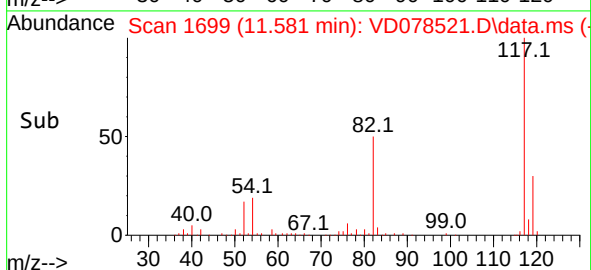
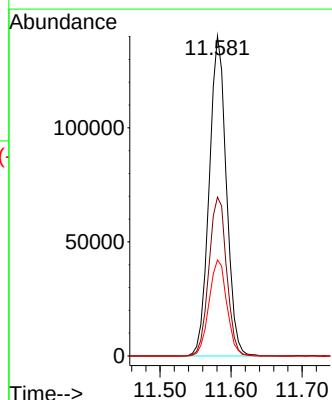
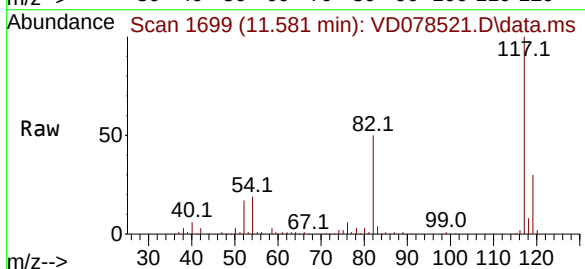
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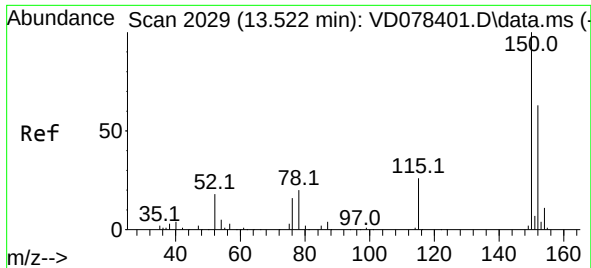
Tgt Ion: 95 Resp: 90844
Ion Ratio Lower Upper
95 100
174 93.2 0.0 201.8
176 88.7 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078521.D
Acq: 22 Feb 2024 16:58

Tgt Ion: 117 Resp: 234943
Ion Ratio Lower Upper
117 100
82 49.7 38.3 57.5
119 30.0 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: VD078521.D

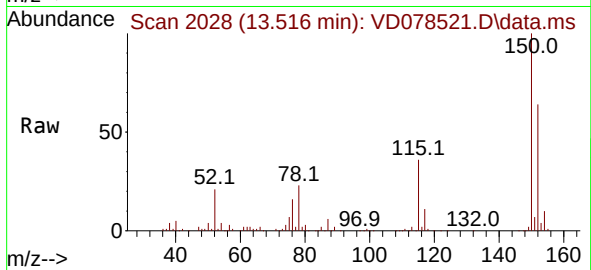
Acq: 22 Feb 2024 16:58

Instrument :

MSVOA_D

ClientSampleId :

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Tgt Ion:152 Resp: 110363

Ion Ratio Lower Upper

152 100

115 56.0 27.1 81.3

150 155.0 0.0 353.6

