

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
 Data File : VD078827.D
 Acq On : 16 Apr 2024 16:50
 Operator : RP/MD
 Sample : P2126-09
 Misc : 5.06G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1C

Quant Time: Apr 16 22:35:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

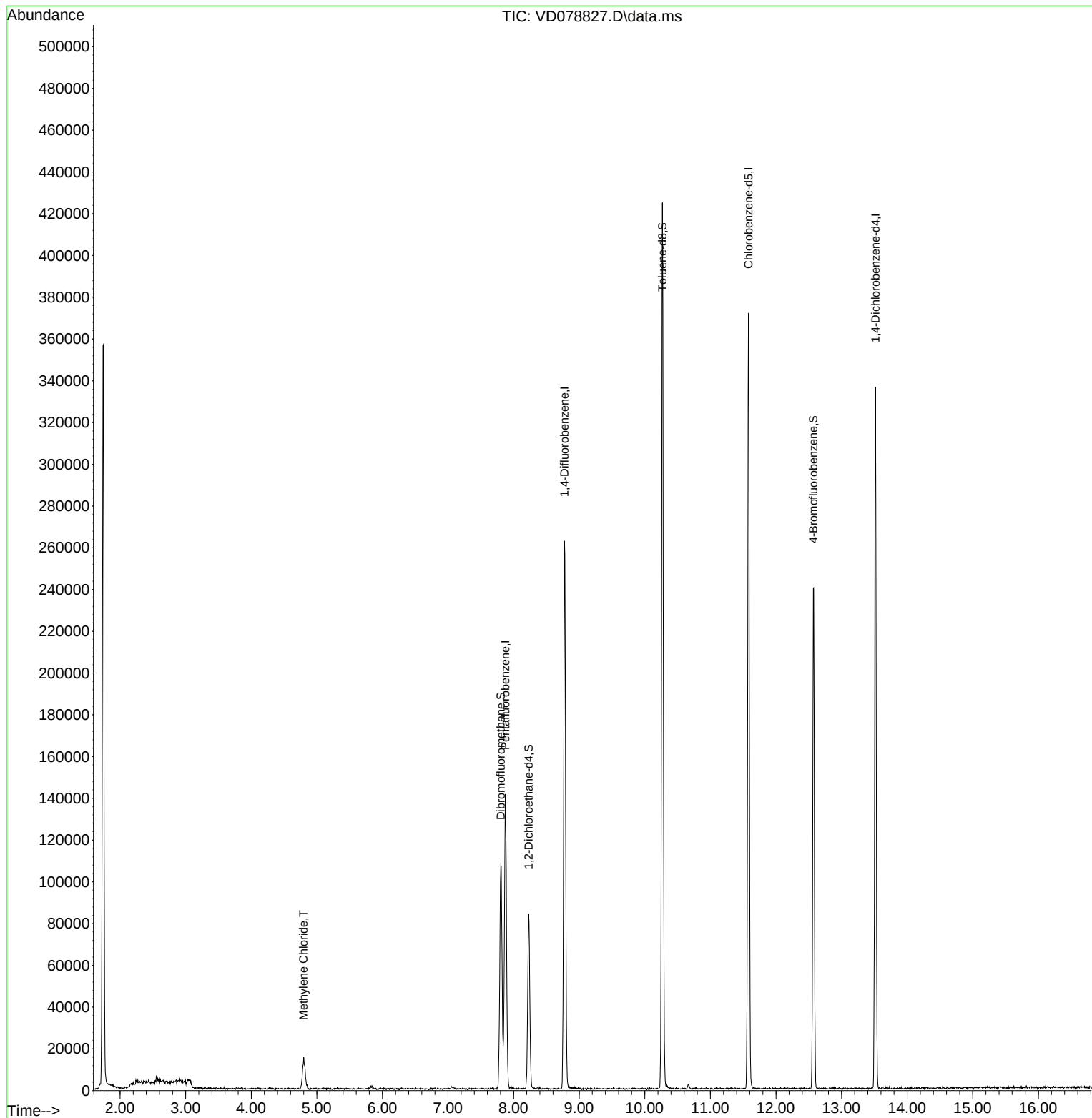
Internal Standards						
1) Pentafluorobenzene	7.875	168	106489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	235007	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	218123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	89337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64194	64.324	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	128.640%	
35) Dibromofluoromethane	7.805	113	78619	51.959	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	103.920%	
50) Toluene-d8	10.269	98	295409	53.086	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	106.180%	
62) 4-Bromofluorobenzene	12.569	95	73486	45.140	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	90.280%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	11248	4.075	ug/l #	91

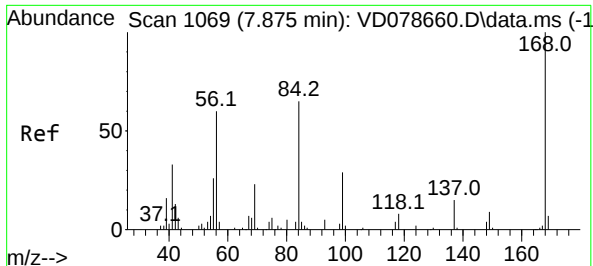
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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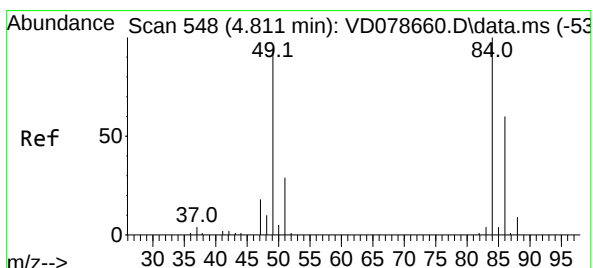
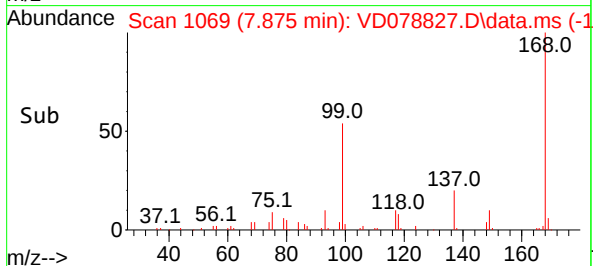
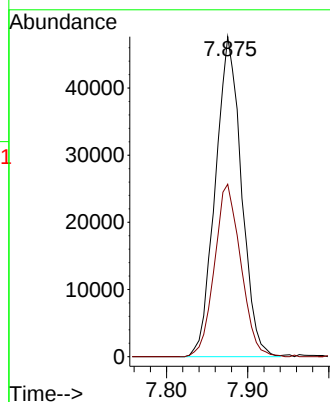
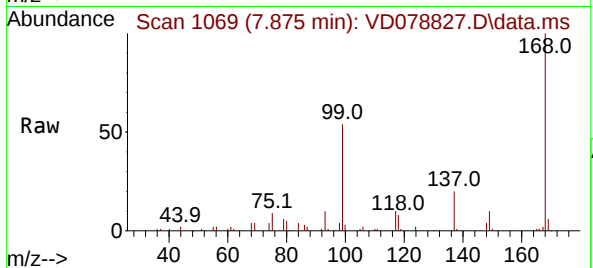




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078827.D
Acq: 16 Apr 2024 16:50

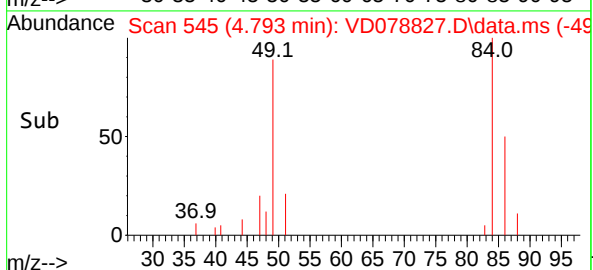
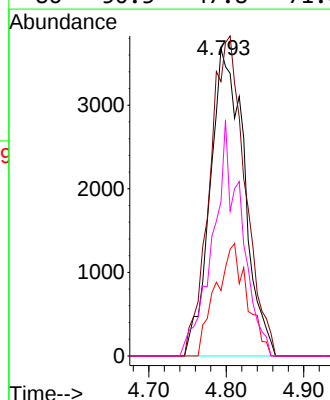
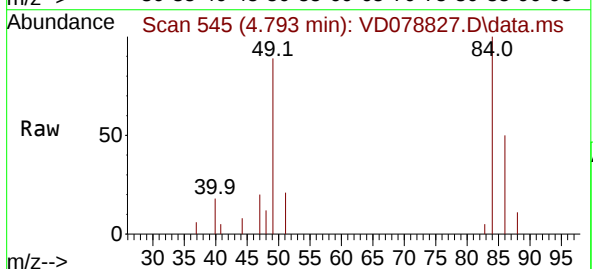
Instrument :
MSVOA_D
ClientSampleId :
SP-1C

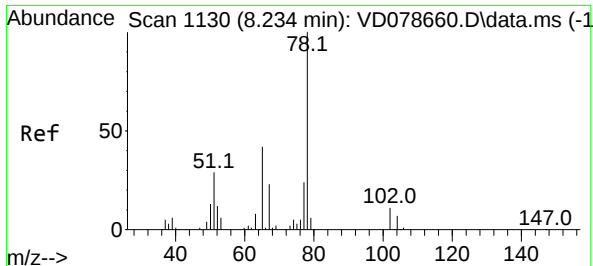
Tgt Ion:168 Resp: 106489
Ion Ratio Lower Upper
168 100
99 53.9 38.8 58.2



#20
Methylene Chloride
Concen: 4.075 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.018 min
Lab File: VD078827.D
Acq: 16 Apr 2024 16:50

Tgt Ion: 84 Resp: 11248
Ion Ratio Lower Upper
84 100
49 89.3 75.6 113.4
51 21.3 23.4 35.0#
86 50.3 47.8 71.6





#33

1,2-Dichloroethane-d4

Concen: 64.324 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078827.D

Acq: 16 Apr 2024 16:50

Instrument :

MSVOA_D

ClientSampleId :

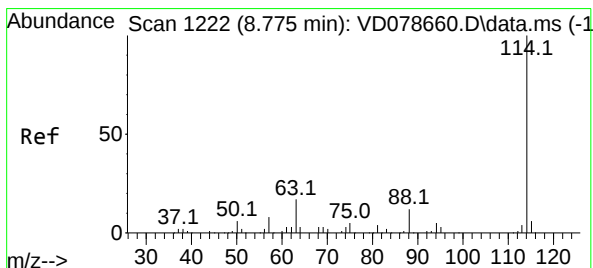
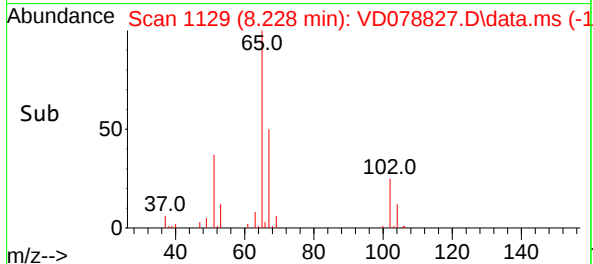
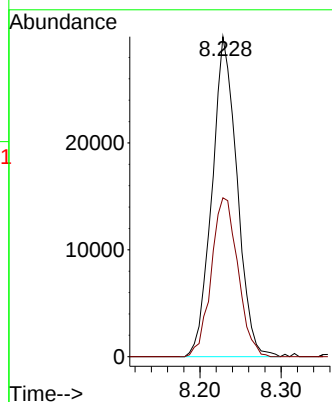
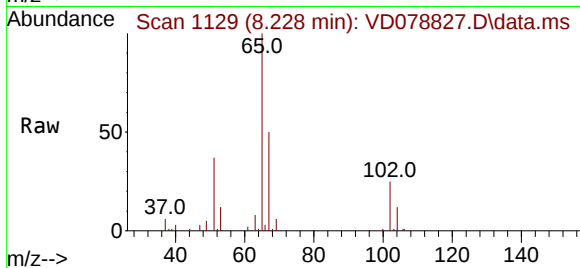
SP-1C

Tgt Ion: 65 Resp: 64194

Ion Ratio Lower Upper

65 100

67 52.7 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078827.D

Acq: 16 Apr 2024 16:50

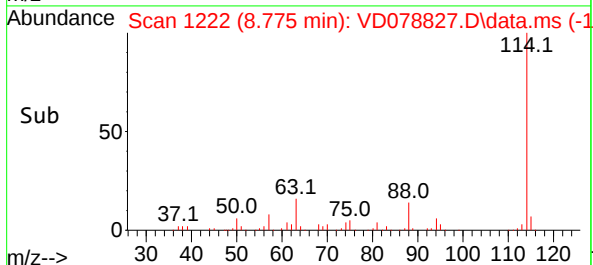
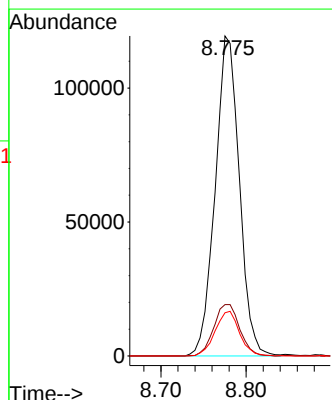
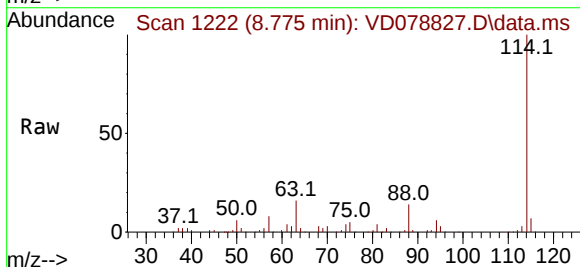
Tgt Ion: 114 Resp: 235007

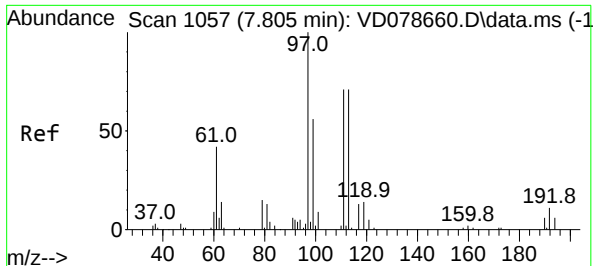
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 13.5 0.0 24.6





#35

Dibromofluoromethane

Concen: 51.959 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078827.D

Acq: 16 Apr 2024 16:50

Instrument :

MSVOA_D

ClientSampleId :

SP-1C

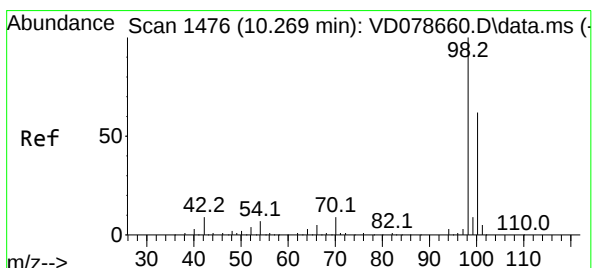
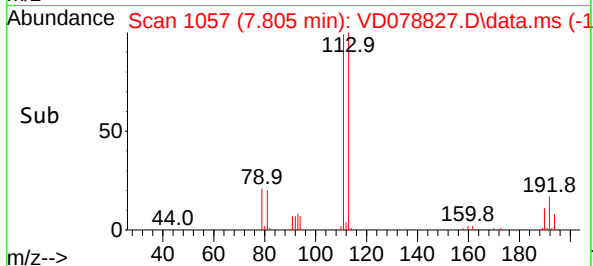
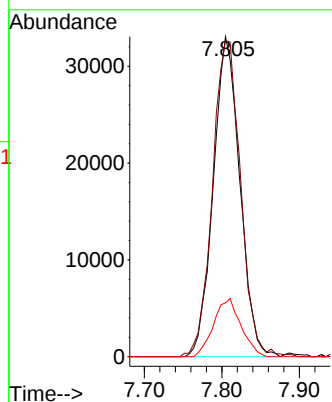
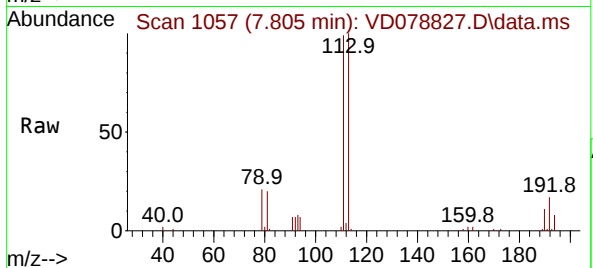
Tgt Ion:113 Resp: 78619

Ion Ratio Lower Upper

113 100

111 104.5 81.9 122.9

192 18.7 15.4 23.0



#50

Toluene-d8

Concen: 53.086 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078827.D

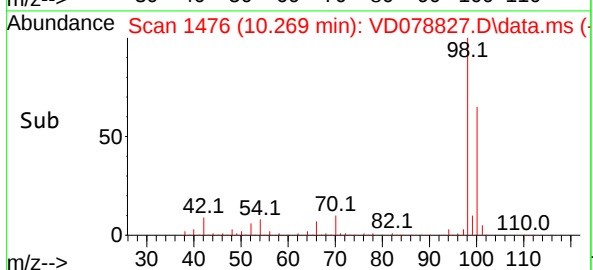
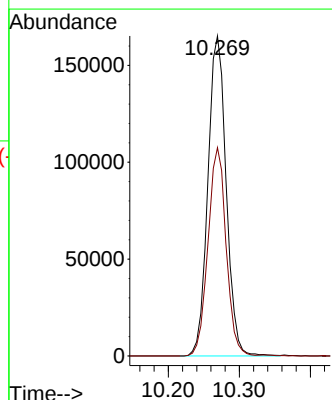
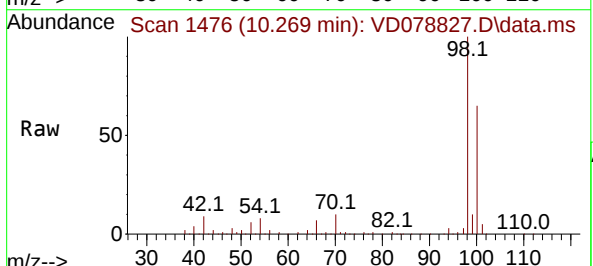
Acq: 16 Apr 2024 16:50

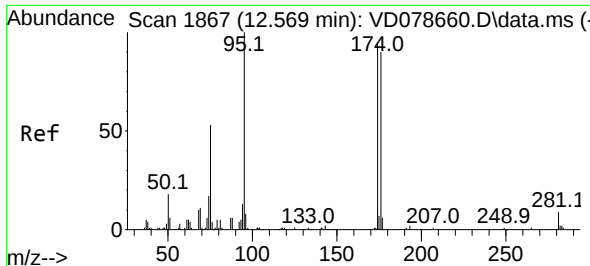
Tgt Ion: 98 Resp: 295409

Ion Ratio Lower Upper

98 100

100 64.5 50.5 75.7

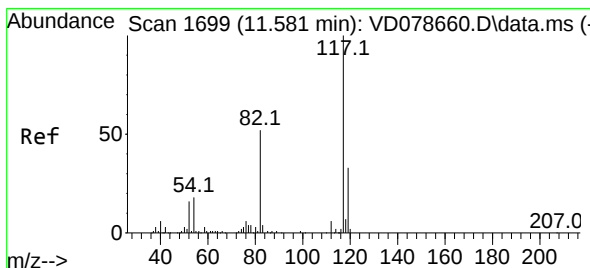
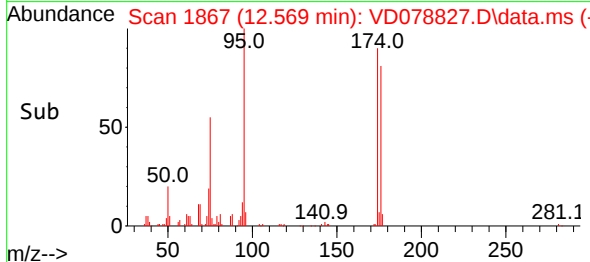
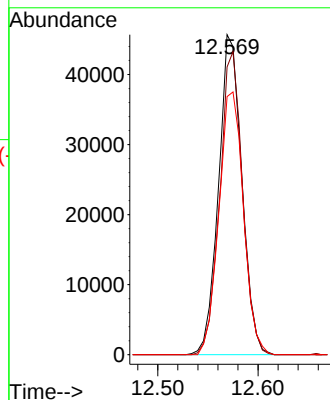
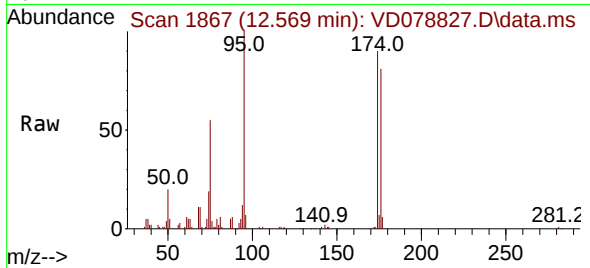




#62
4-Bromofluorobenzene
Concen: 45.140 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078827.D
Acq: 16 Apr 2024 16:50

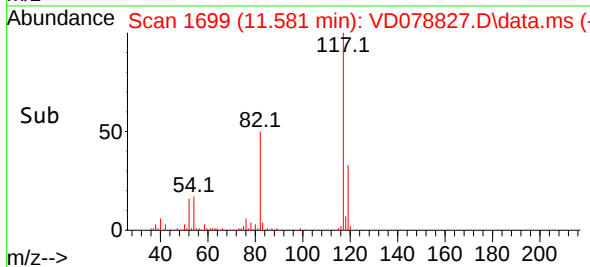
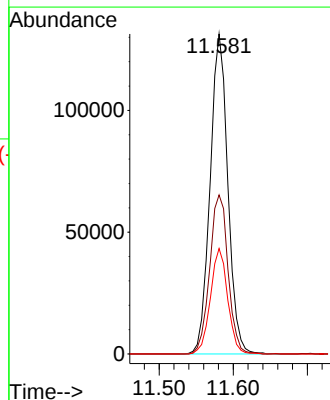
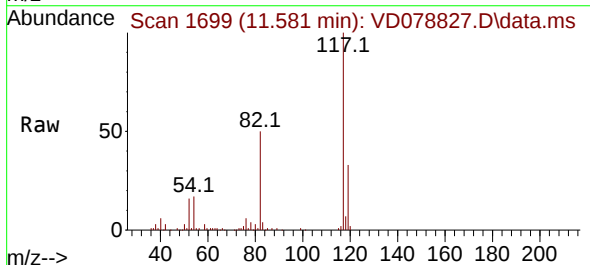
Instrument :
MSVOA_D
ClientSampleId :
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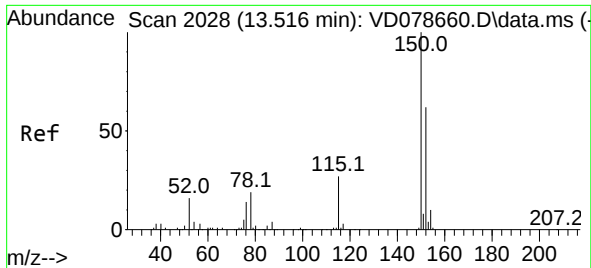
Tgt Ion: 95 Resp: 73486
Ion Ratio Lower Upper
95 100
174 92.6 0.0 195.2
176 86.5 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078827.D
Acq: 16 Apr 2024 16:50

Tgt Ion: 117 Resp: 218123
Ion Ratio Lower Upper
117 100
82 49.7 41.4 62.2
119 33.0 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078827.D
 Acq: 16 Apr 2024 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1C

Tgt Ion:152 Resp: 89337
 Ion Ratio Lower Upper
 152 100
 115 55.1 27.1 81.2
 150 156.0 0.0 350.2

