

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111422\
 Data File : VD074933.D
 Acq On : 14 Nov 2022 14:34
 Operator : VA/SY
 Sample : N5607-07RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-38RE

Quant Time: Nov 15 00:16:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

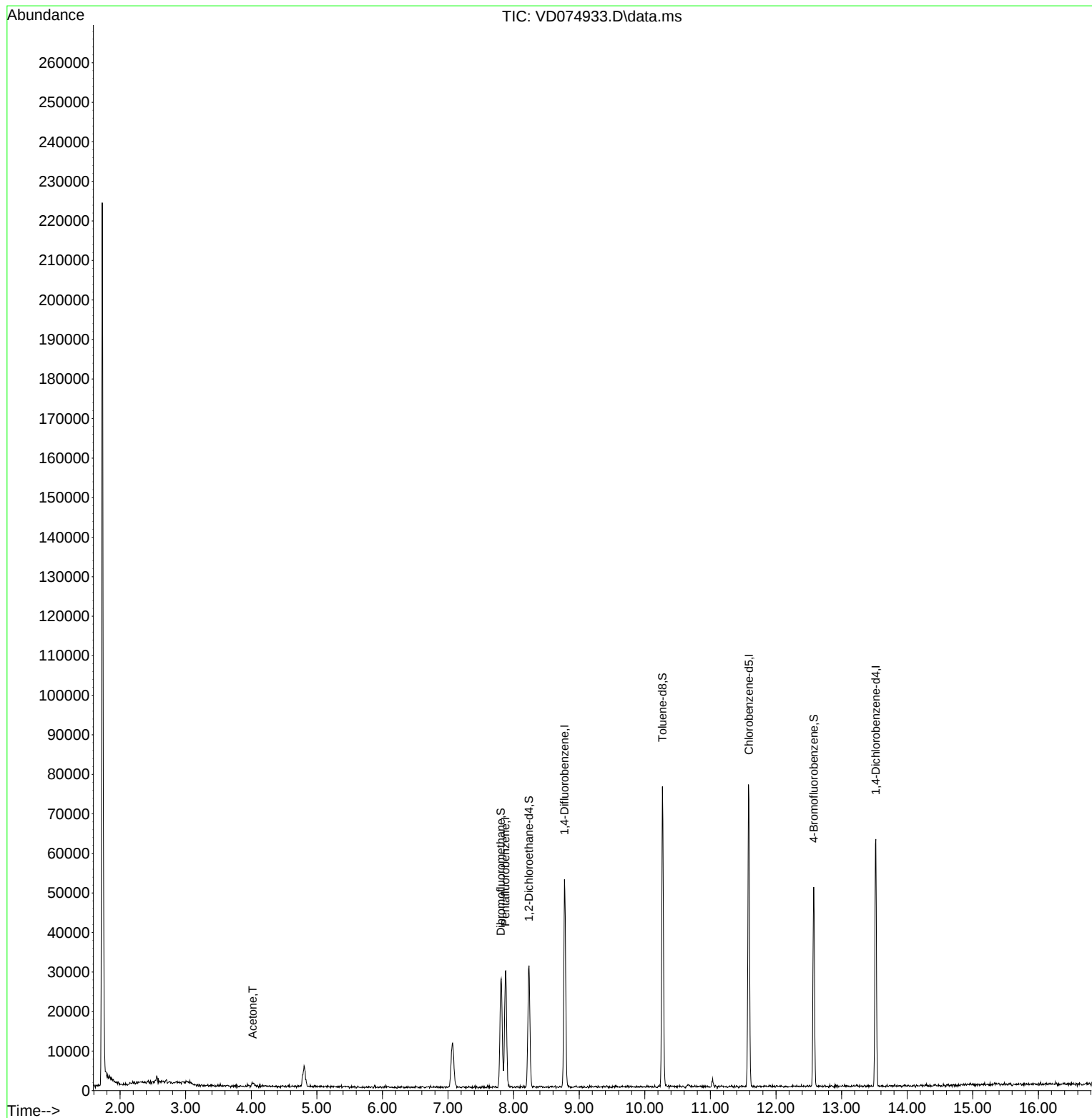
Internal Standards						
1) Pentafluorobenzene	7.875	168	25924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	50567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	49452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	18795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	24204	152.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 305.360%#	
35) Dibromofluoromethane	7.805	113	21357	68.516	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 137.040%	
50) Toluene-d8	10.269	98	55452	54.005	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.020%	
62) 4-Bromofluorobenzene	12.575	95	16726	53.049	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.100%	
Target Compounds						
16) Acetone	4.022	43	1592	37.200	ug/l	Qvalue 98

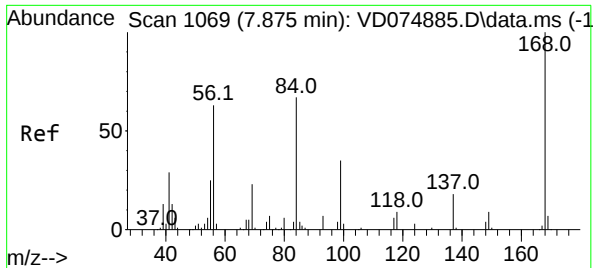
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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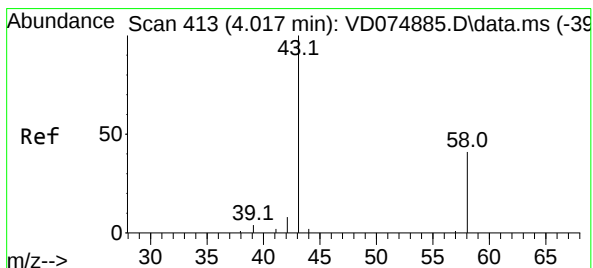
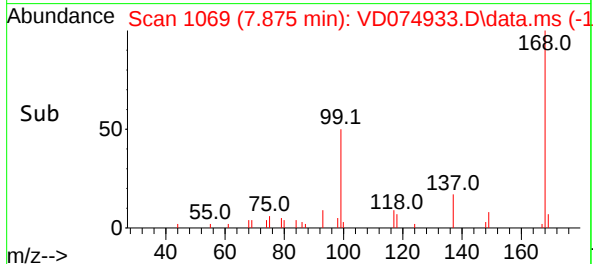
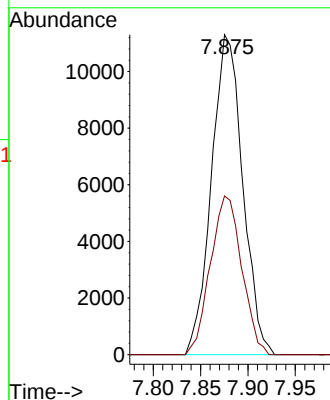
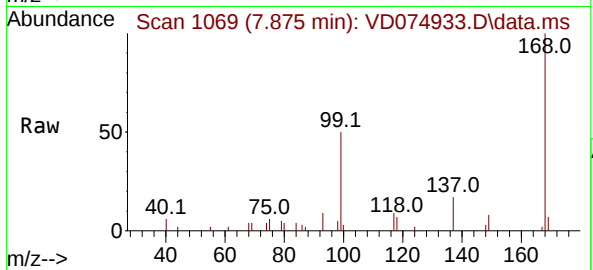




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074933.D
Acq: 14 Nov 2022 14:34

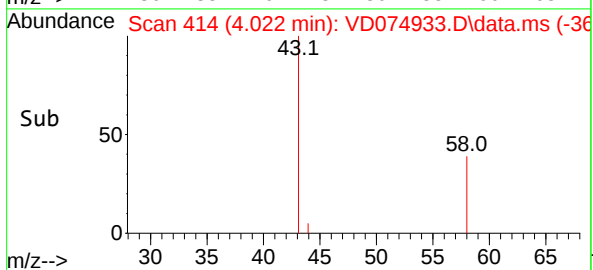
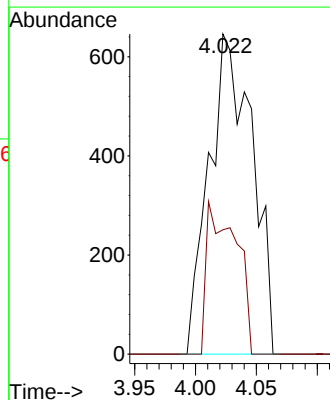
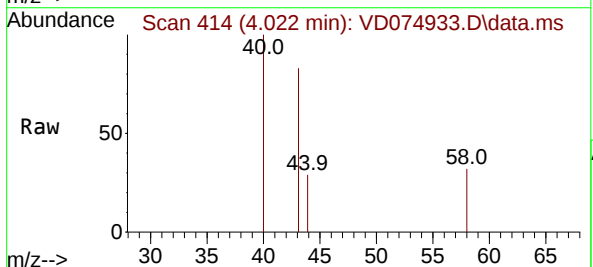
Instrument :
MSVOA_D
ClientSampleId :
SB-38RE

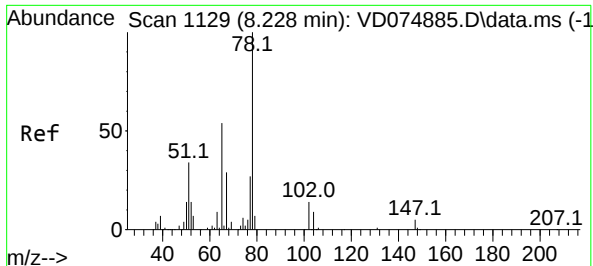
Tgt Ion:168 Resp: 25924
Ion Ratio Lower Upper
168 100
99 49.6 40.9 61.3



#16
Acetone
Concen: 37.200 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD074933.D
Acq: 14 Nov 2022 14:34

Tgt Ion: 43 Resp: 1592
Ion Ratio Lower Upper
43 100
58 38.9 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 152.679 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074933.D

Acq: 14 Nov 2022 14:34

Instrument :

MSVOA_D

ClientSampleId :

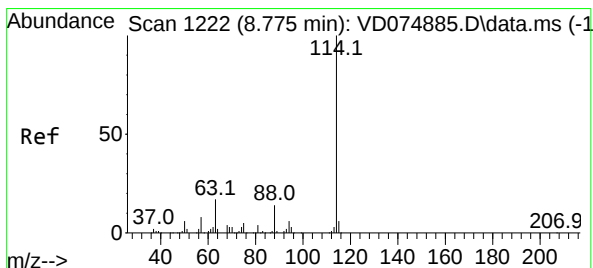
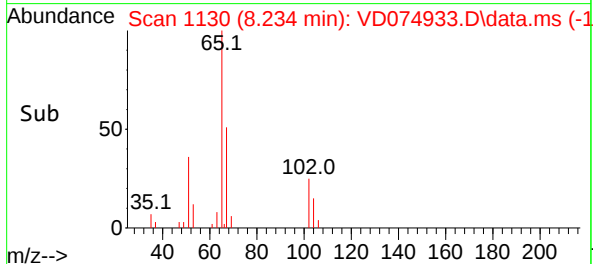
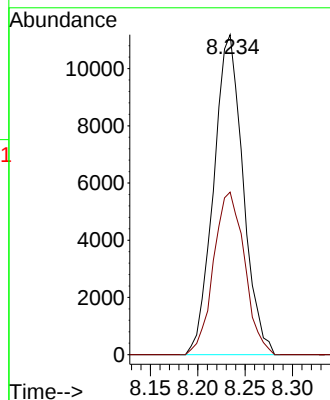
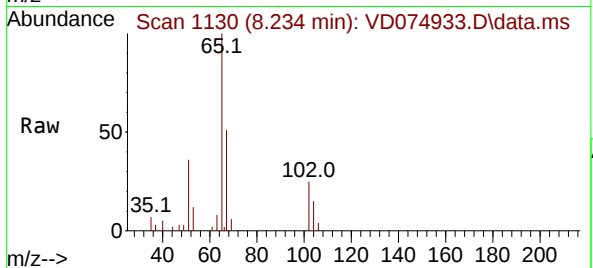
SB-38RE

Tgt Ion: 65 Resp: 24204

Ion Ratio Lower Upper

65 100

67 53.4 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: VD074933.D

Acq: 14 Nov 2022 14:34

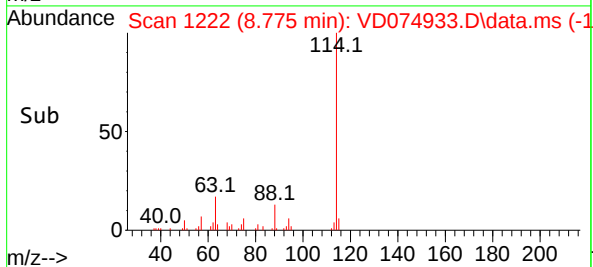
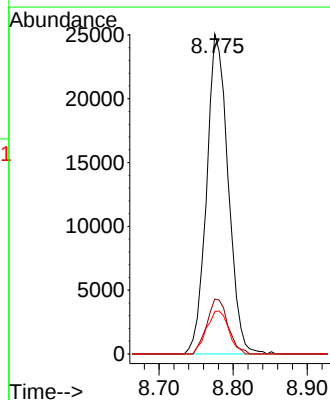
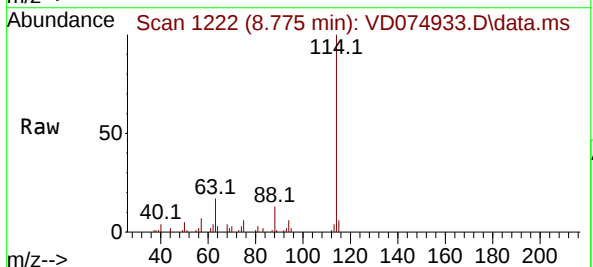
Tgt Ion: 114 Resp: 50567

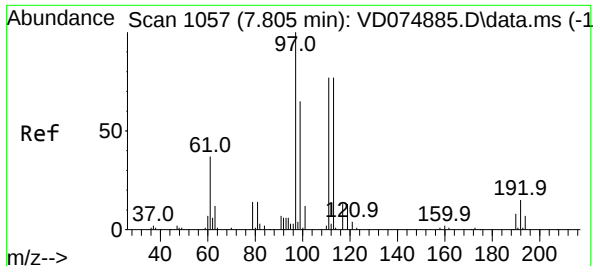
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.2

88 13.2 0.0 28.2





#35

Dibromofluoromethane

Concen: 68.516 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074933.D

Acq: 14 Nov 2022 14:34

Instrument :

MSVOA_D

ClientSampleId :

SB-38RE

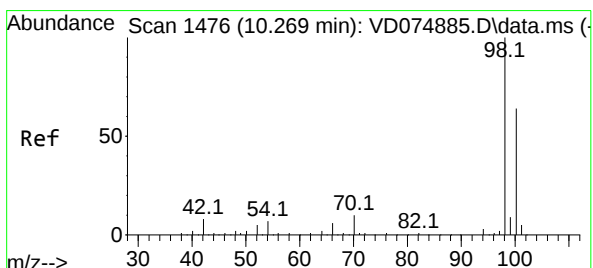
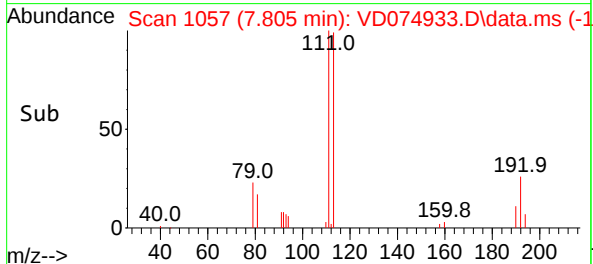
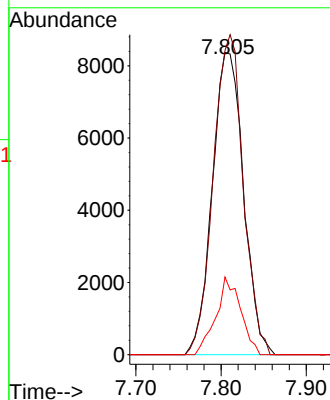
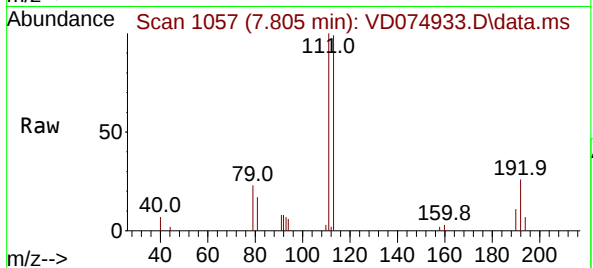
Tgt Ion:113 Resp: 21357

Ion Ratio Lower Upper

113 100

111 101.2 82.3 123.5

192 20.3 16.4 24.6



#50

Toluene-d8

Concen: 54.005 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074933.D

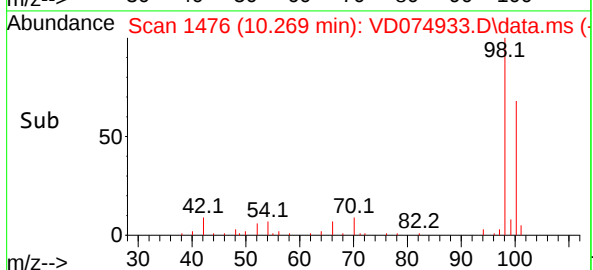
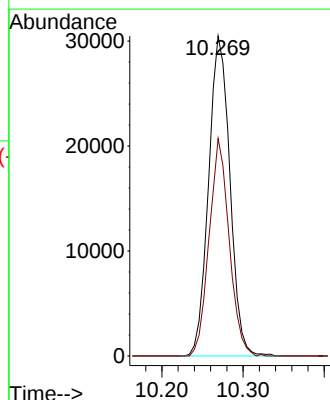
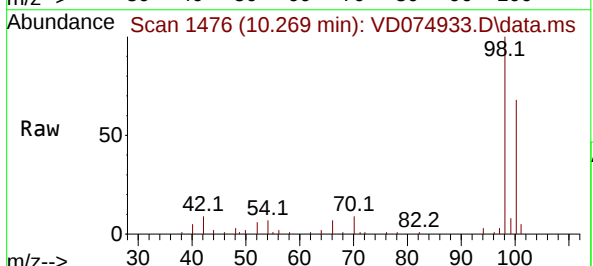
Acq: 14 Nov 2022 14:34

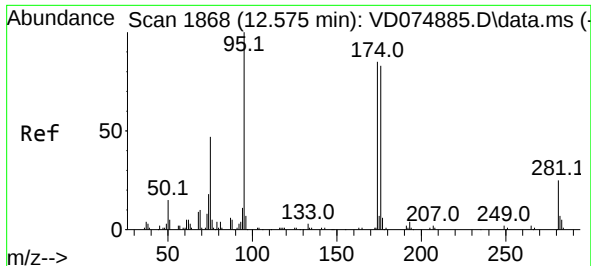
Tgt Ion: 98 Resp: 55452

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0

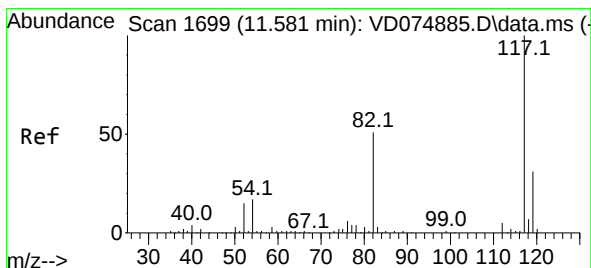
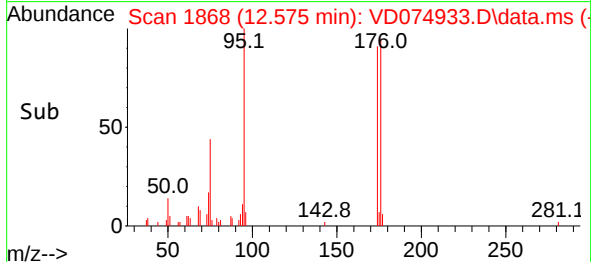
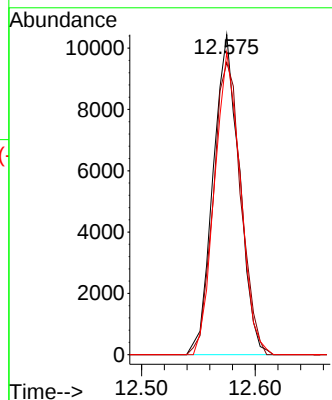
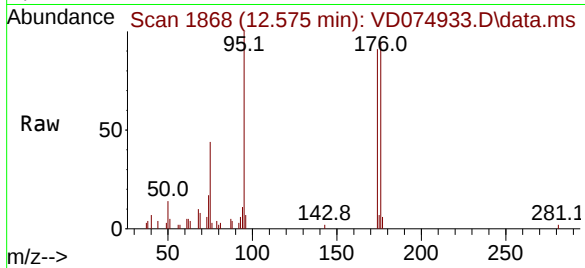




#62
4-Bromofluorobenzene
Concen: 53.049 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074933.D
Acq: 14 Nov 2022 14:34

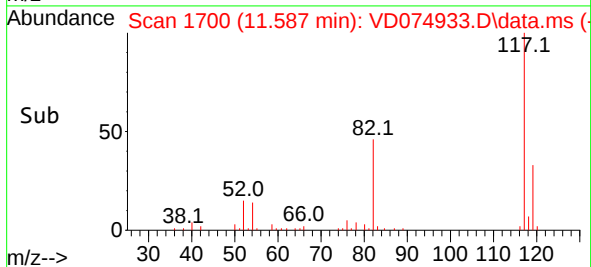
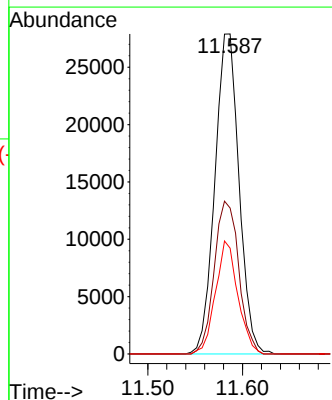
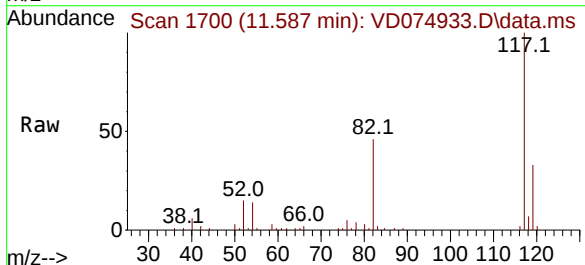
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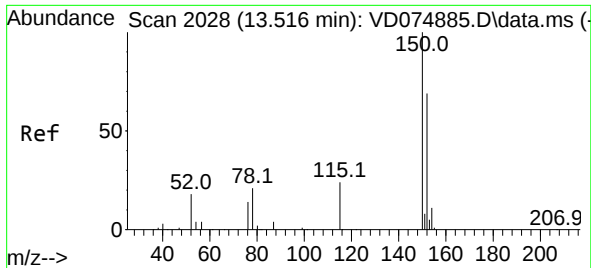
Tgt Ion: 95 Resp: 16726
Ion Ratio Lower Upper
95 100
174 96.5 0.0 197.0
176 93.5 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD074933.D
Acq: 14 Nov 2022 14:34

Tgt Ion: 117 Resp: 49452
Ion Ratio Lower Upper
117 100
82 45.6 41.6 62.4
119 33.0 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD074933.D

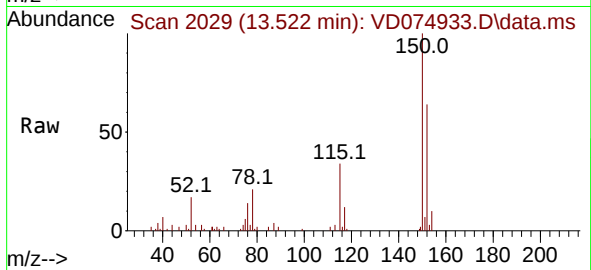
Acq: 14 Nov 2022 14:34

Instrument :

MSVOA_D

ClientSampleId :

SB-38RE



Tgt Ion:152 Resp: 18795

Ion Ratio Lower Upper

152 100

115 54.2 26.8 80.4

150 158.9 0.0 348.2

