

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111422\
 Data File : VD074936.D
 Acq On : 14 Nov 2022 15:56
 Operator : VA/SY
 Sample : N5607-13RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-40BRE

Quant Time: Nov 15 00:17:04 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)

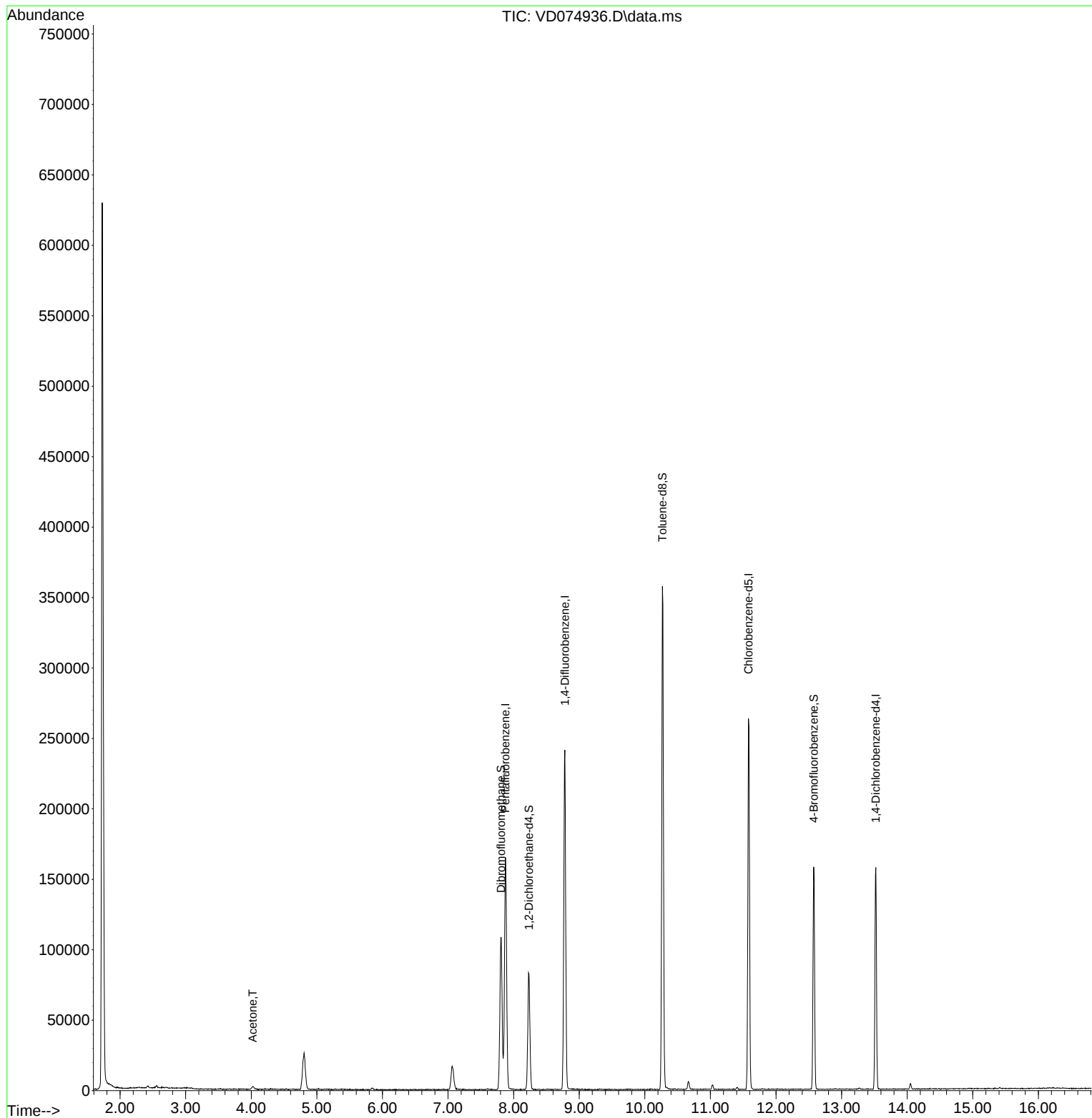
Internal Standards						
1) Pentafluorobenzene	7.875	168	133382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	231106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	169938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	45909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64031	75.238	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.480%
35) Dibromofluoromethane	7.811	113	80909	56.794	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.580%
50) Toluene-d8	10.269	98	261560	55.737	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.480%
62) 4-Bromofluorobenzene	12.575	95	47650	33.068	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.140%
Target Compounds						
16) Acetone	4.022	43	3300	14.987	ug/l	Qvalue 94

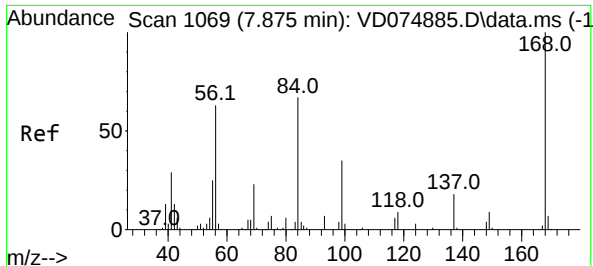
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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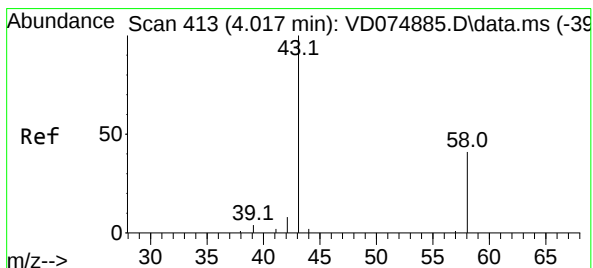
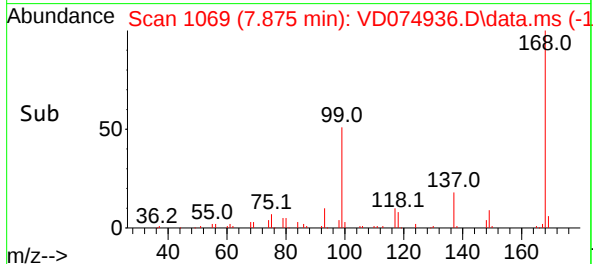
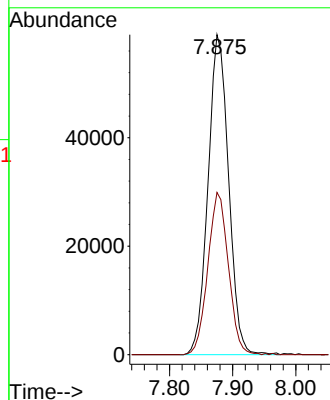
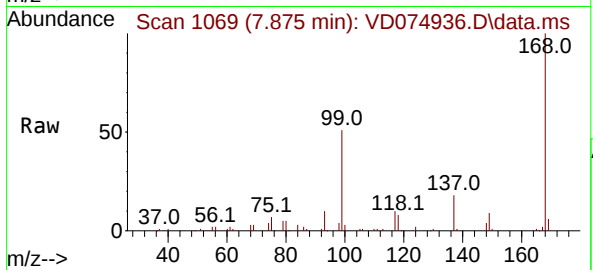




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074936.D
Acq: 14 Nov 2022 15:56

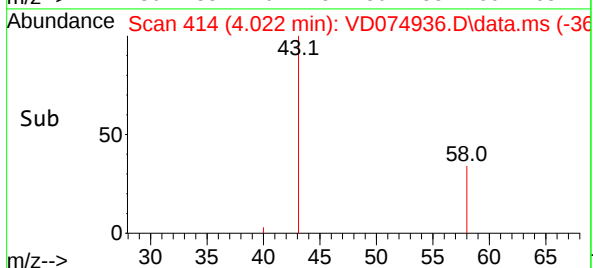
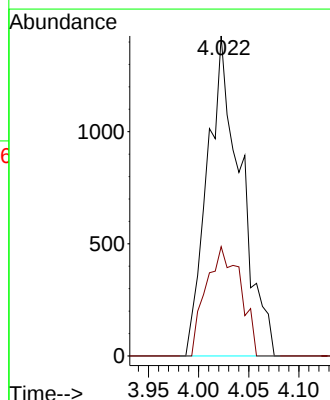
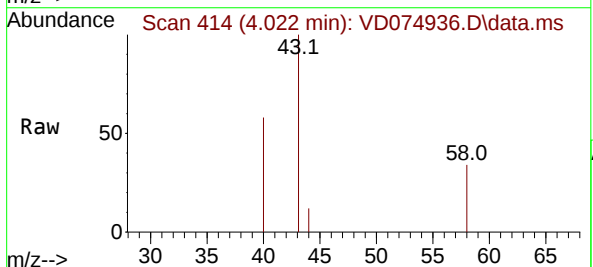
Instrument :
MSVOA_D
ClientSampleId :
SB-40BRE

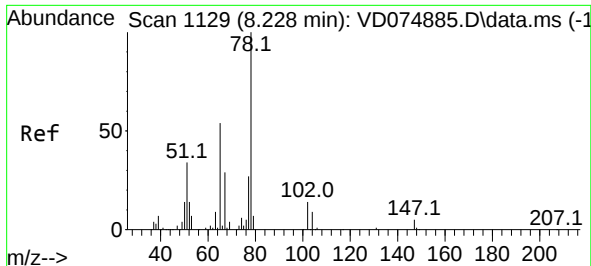
Tgt Ion:168 Resp: 133382
Ion Ratio Lower Upper
168 100
99 50.7 40.9 61.3



#16
Acetone
Concen: 14.987 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD074936.D
Acq: 14 Nov 2022 15:56

Tgt Ion: 43 Resp: 3300
Ion Ratio Lower Upper
43 100
58 34.1 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 75.238 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074936.D

Acq: 14 Nov 2022 15:56

Instrument :

MSVOA_D

ClientSampleId :

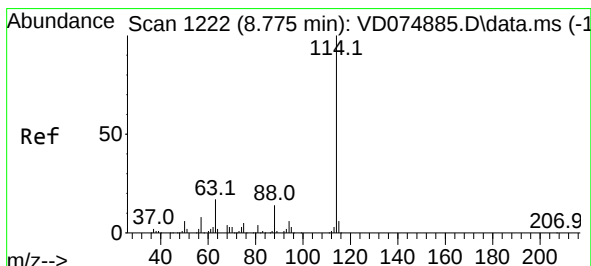
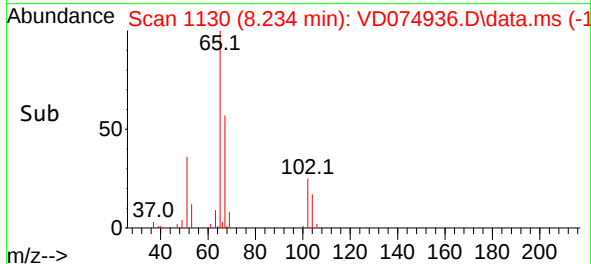
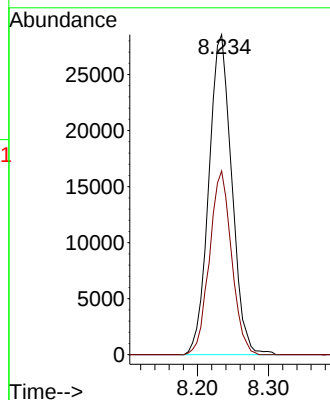
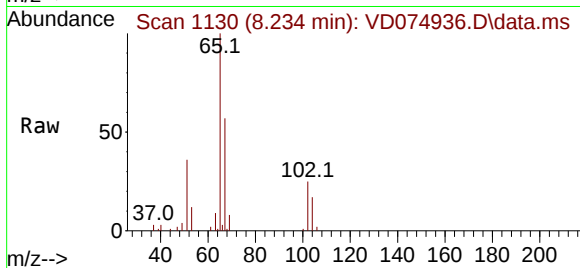
SB-40BRE

Tgt Ion: 65 Resp: 64031

Ion Ratio Lower Upper

65 100

67 55.2 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074936.D

Acq: 14 Nov 2022 15:56

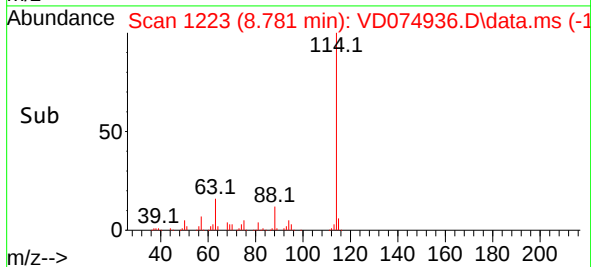
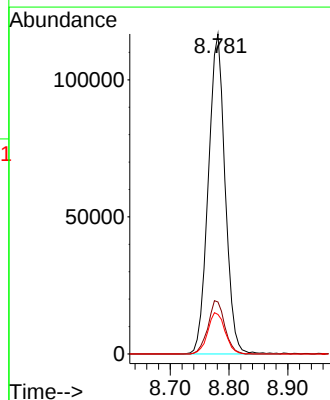
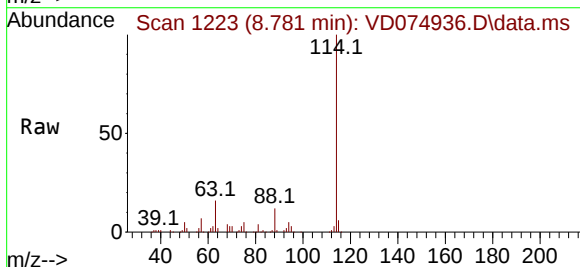
Tgt Ion: 114 Resp: 231106

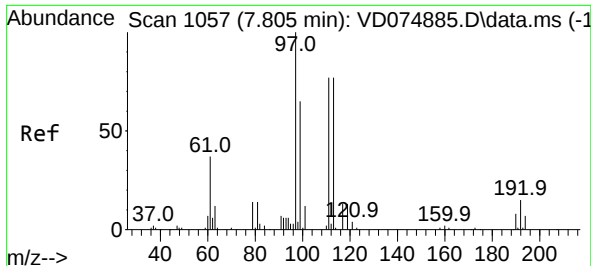
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.2

88 12.4 0.0 28.2

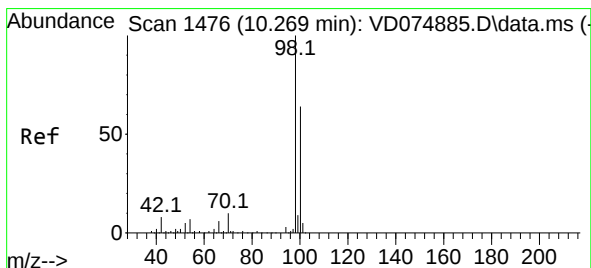
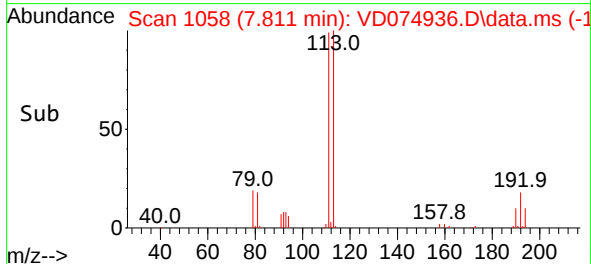
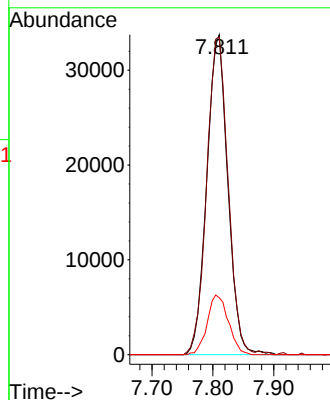
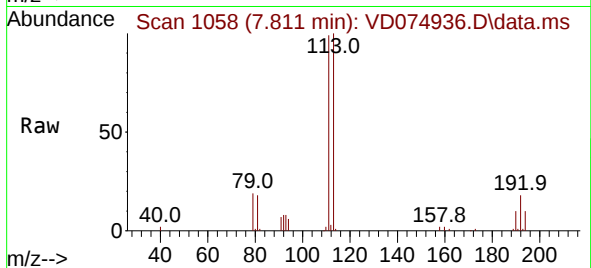




#35
Dibromofluoromethane
Concen: 56.794 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD074936.D
Acq: 14 Nov 2022 15:56

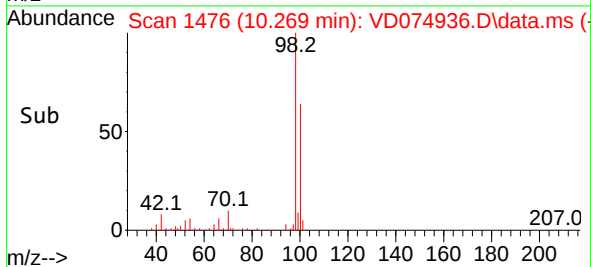
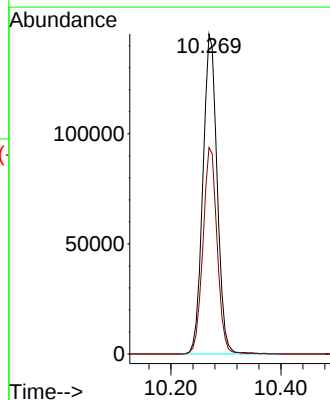
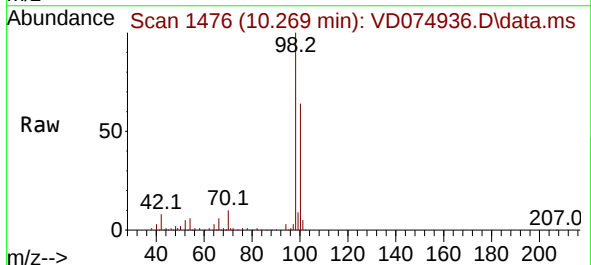
Instrument :
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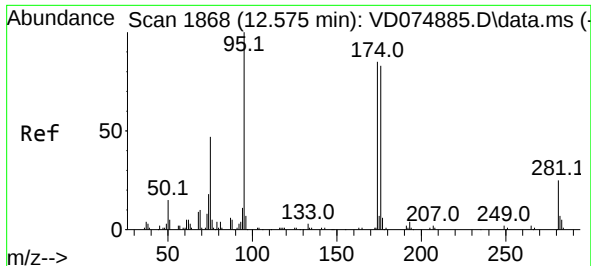
Tgt Ion:113 Resp: 80909
Ion Ratio Lower Upper
113 100
111 100.9 82.3 123.5
192 18.8 16.4 24.6



#50
Toluene-d8
Concen: 55.737 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074936.D
Acq: 14 Nov 2022 15:56

Tgt Ion: 98 Resp: 261560
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0

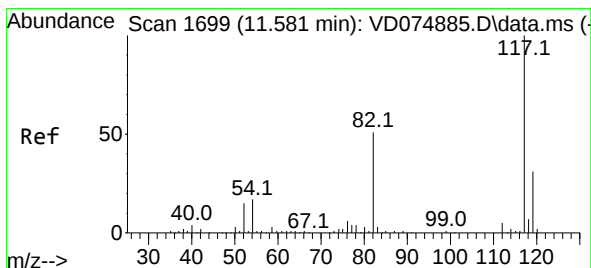
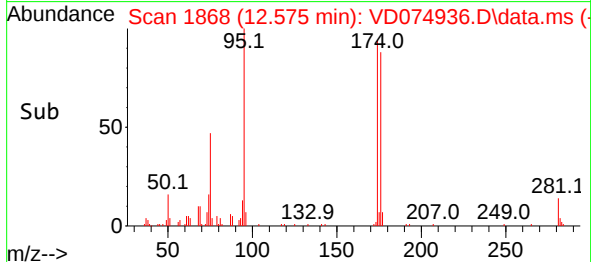
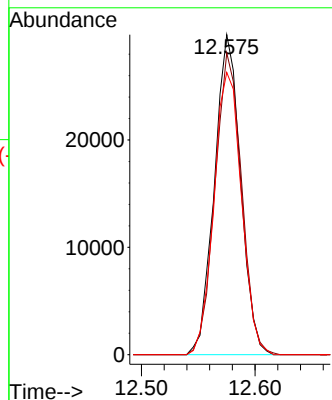
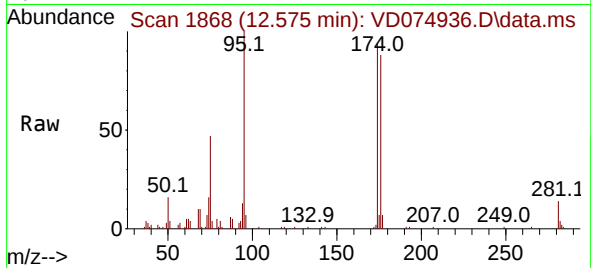




#62
4-Bromofluorobenzene
Concen: 33.068 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074936.D
Acq: 14 Nov 2022 15:56

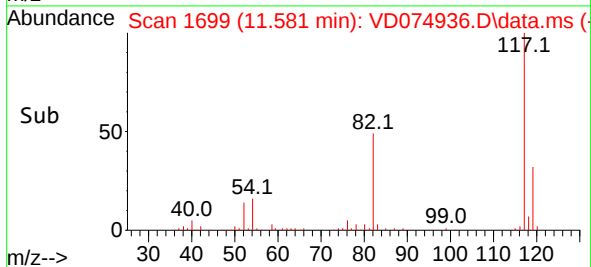
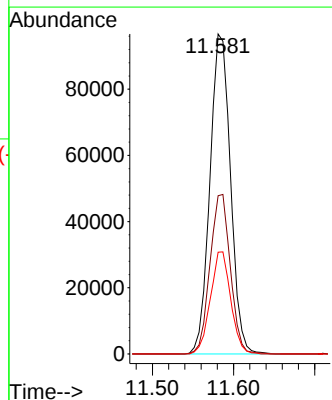
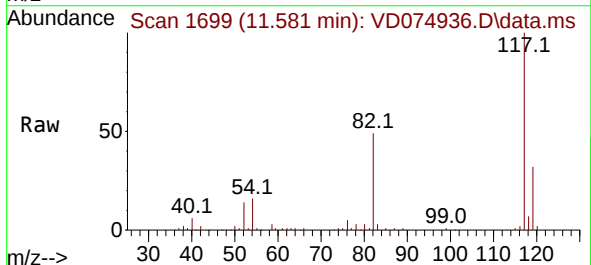
Instrument :
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ClientSampleId :
SB-40BRE

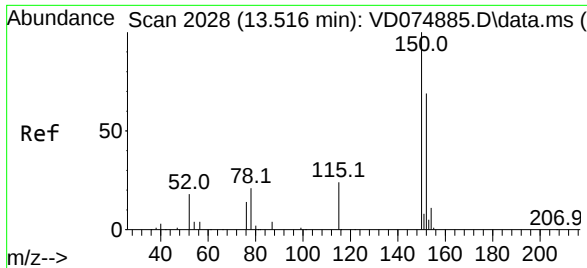
Tgt Ion: 95 Resp: 47650
Ion Ratio Lower Upper
95 100
174 96.1 0.0 197.0
176 93.1 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074936.D
Acq: 14 Nov 2022 15:56

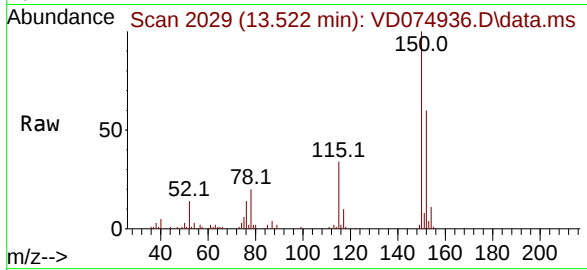
Tgt Ion: 117 Resp: 169938
Ion Ratio Lower Upper
117 100
82 49.5 41.6 62.4
119 31.8 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD074936.D
 Acq: 14 Nov 2022 15:56

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-40BRE



Tgt Ion:152 Resp: 45909
 Ion Ratio Lower Upper
 152 100
 115 56.5 26.8 80.4
 150 162.9 0.0 348.2

