

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074792.D
 Acq On : 08 Nov 2022 06:56
 Operator : VA/SY
 Sample : N5415-16
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-29

Quant Time: Nov 08 07:57:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

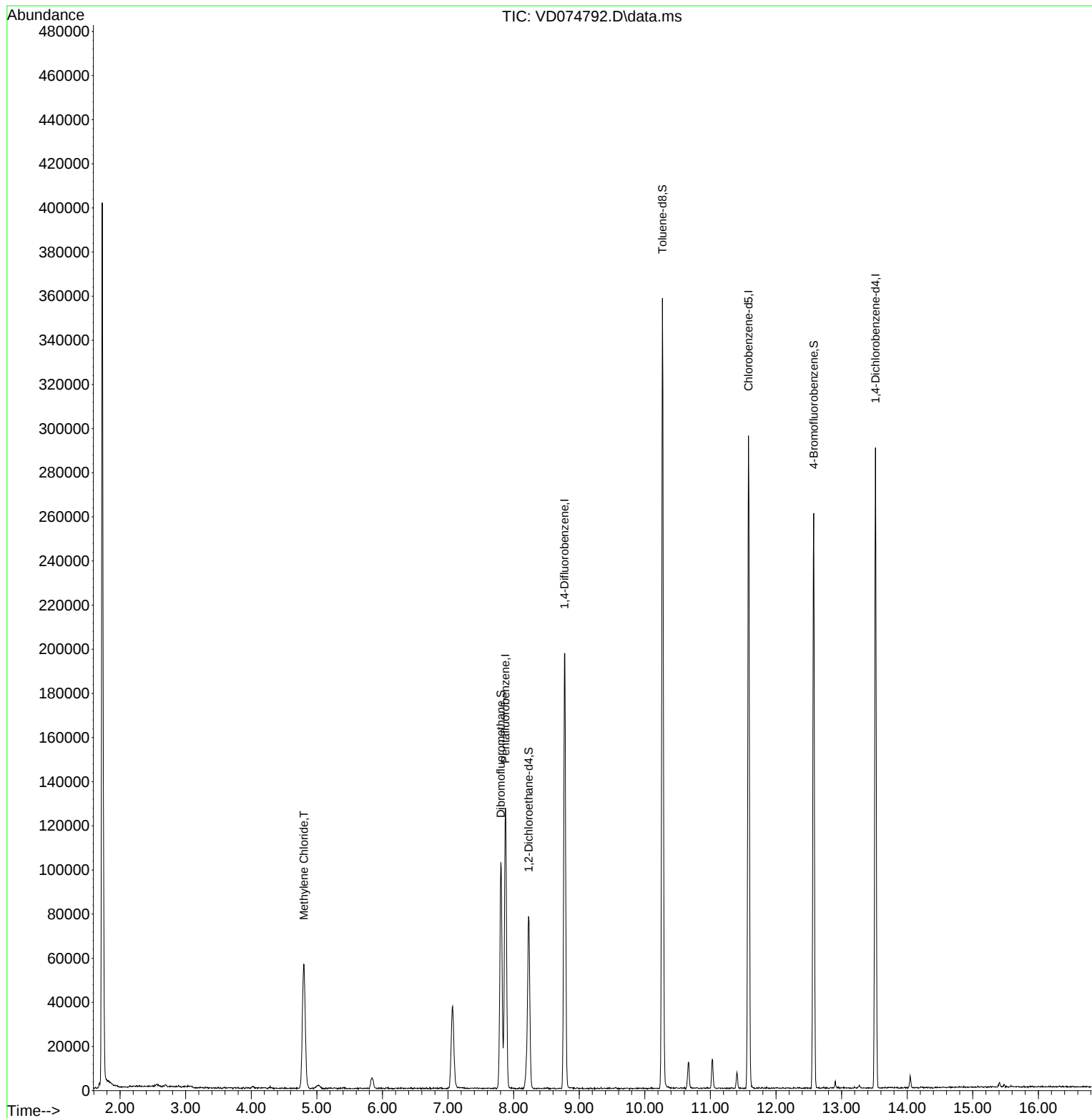
Internal Standards						
1) Pentafluorobenzene	7.875	168	106224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	192856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	186728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	82858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58591	69.642	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 139.280%		
35) Dibromofluoromethane	7.805	113	74901	65.655	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 131.320%		
50) Toluene-d8	10.269	98	253192	60.843	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 121.680%		
62) 4-Bromofluorobenzene	12.575	95	75257	62.635	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 125.260%		
Target Compounds						
20) Methylene Chloride	4.805	84	50349	28.979	ug/l	Qvalue 97

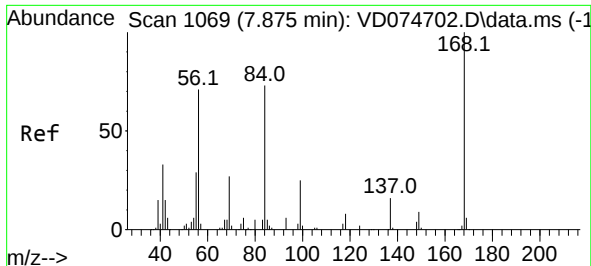
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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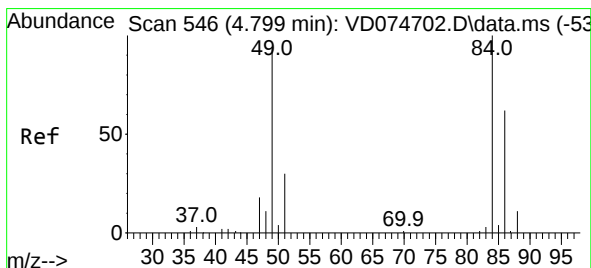
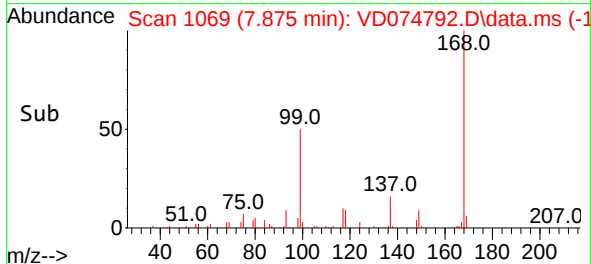
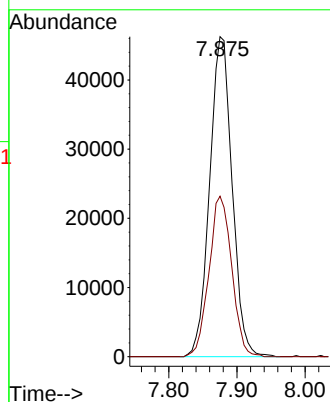
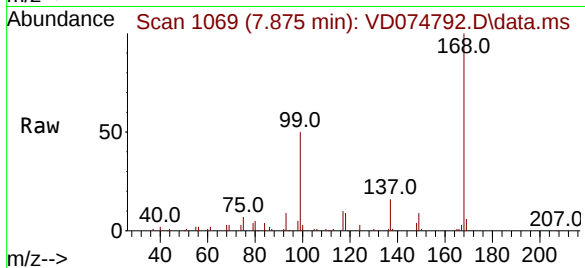




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074792.D
Acq: 08 Nov 2022 06:56

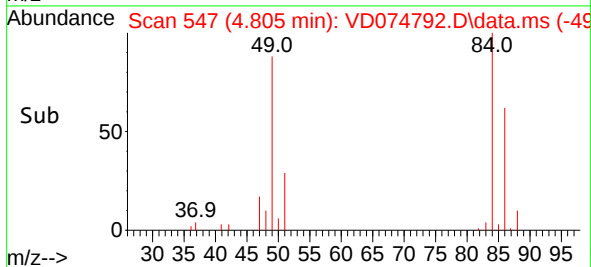
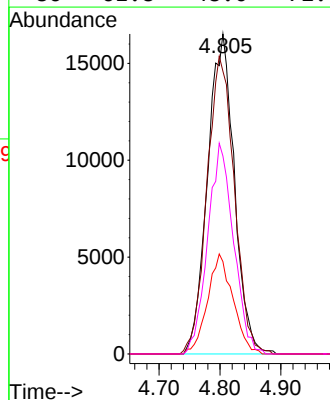
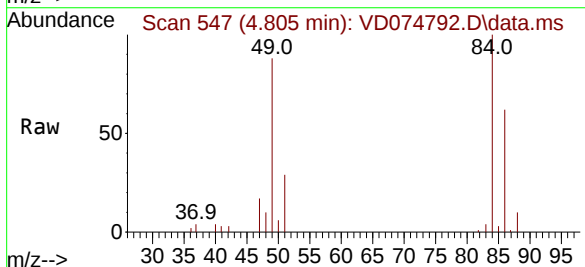
Instrument :
MSVOA_D
ClientSampleId :
R-29

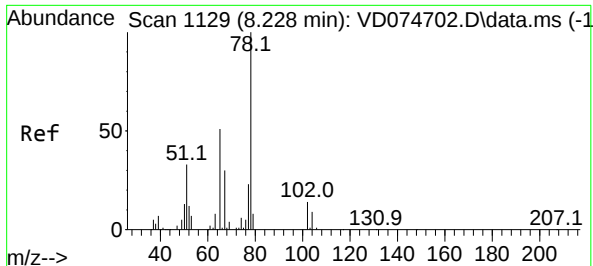
Tgt Ion:168 Resp: 106224
Ion Ratio Lower Upper
168 100
99 50.2 40.9 61.3



#20
Methylene Chloride
Concen: 28.979 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074792.D
Acq: 08 Nov 2022 06:56

Tgt Ion: 84 Resp: 50349
Ion Ratio Lower Upper
84 100
49 88.3 68.0 102.0
51 28.9 23.2 34.8
86 61.8 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 69.642 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074792.D

Acq: 08 Nov 2022 06:56

Instrument :

MSVOA_D

ClientSampleId :

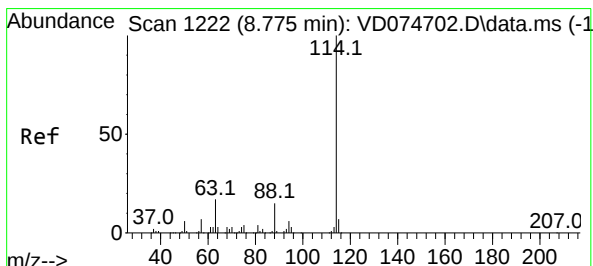
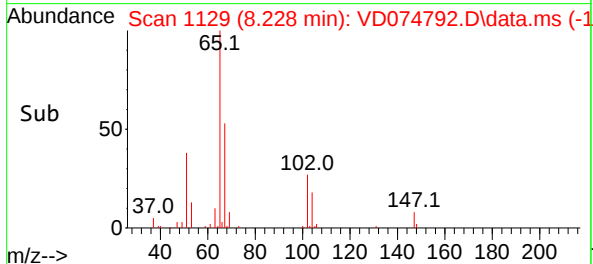
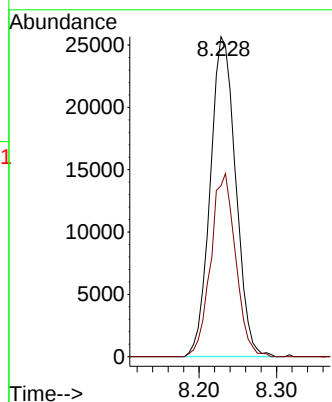
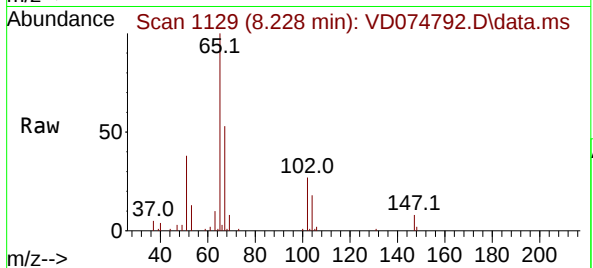
R-29

Tgt Ion: 65 Resp: 58591

Ion Ratio Lower Upper

65 100

67 55.8 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: VD074792.D

Acq: 08 Nov 2022 06:56

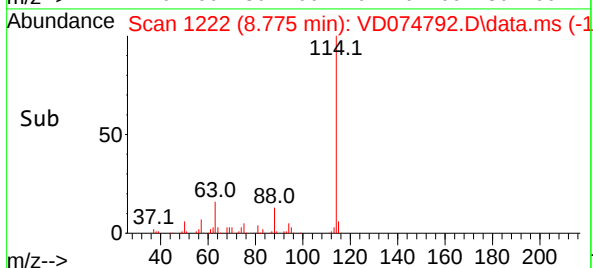
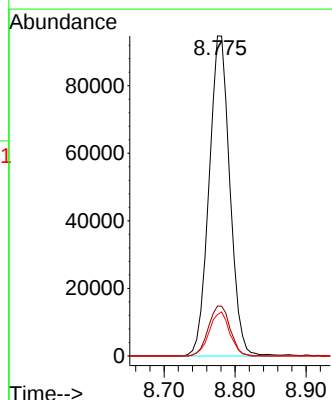
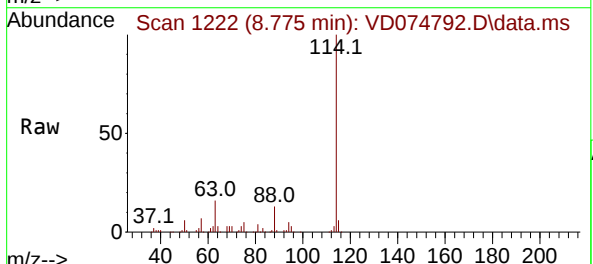
Tgt Ion: 114 Resp: 192856

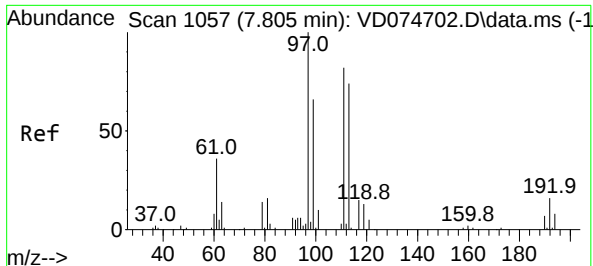
Ion Ratio Lower Upper

114 100

63 15.6 0.0 33.2

88 13.0 0.0 28.2

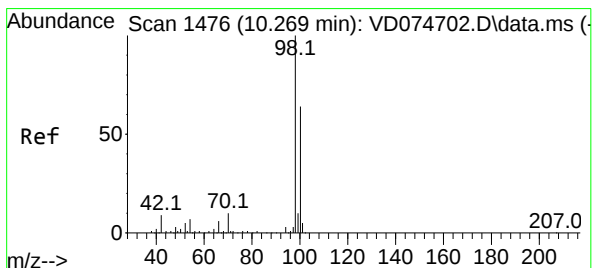
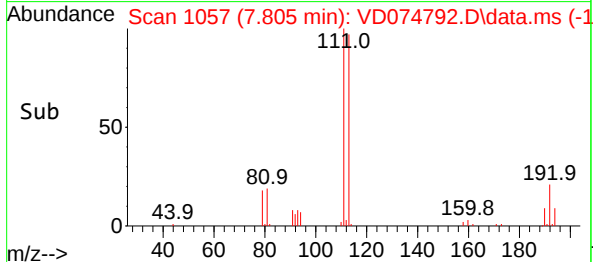
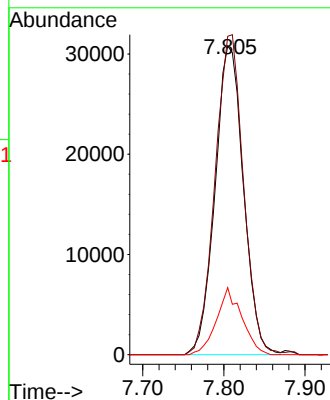
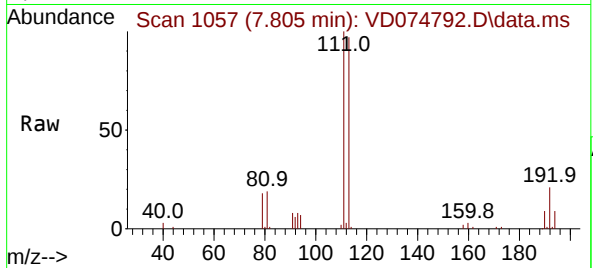




#35
Dibromofluoromethane
Concen: 65.655 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074792.D
Acq: 08 Nov 2022 06:56

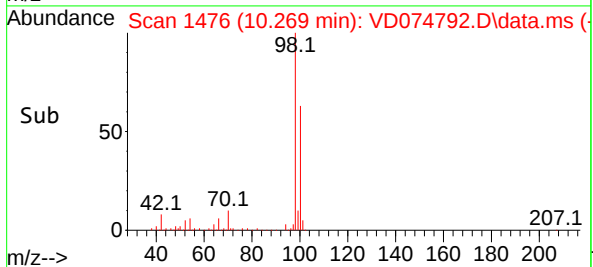
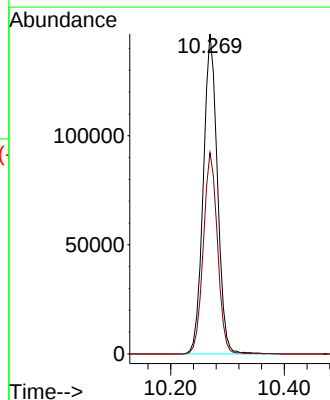
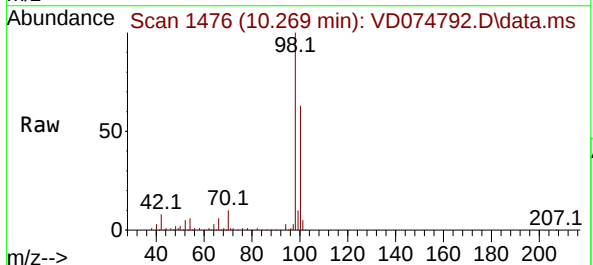
Instrument :
MSVOA_D
ClientSampleId :
R-29

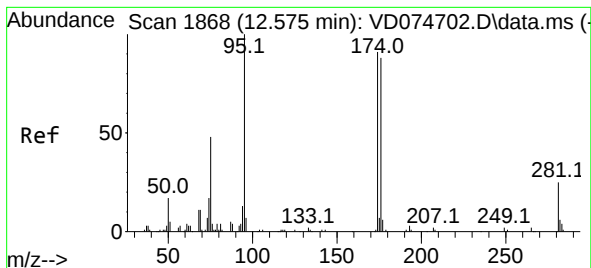
Tgt Ion:113 Resp: 74901
Ion Ratio Lower Upper
113 100
111 104.0 82.3 123.5
192 19.4 16.4 24.6



#50
Toluene-d8
Concen: 60.843 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074792.D
Acq: 08 Nov 2022 06:56

Tgt Ion: 98 Resp: 253192
Ion Ratio Lower Upper
98 100
100 63.0 51.4 77.0

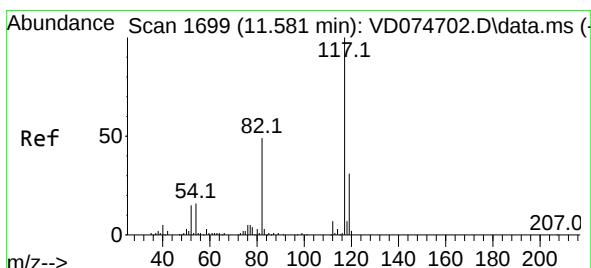
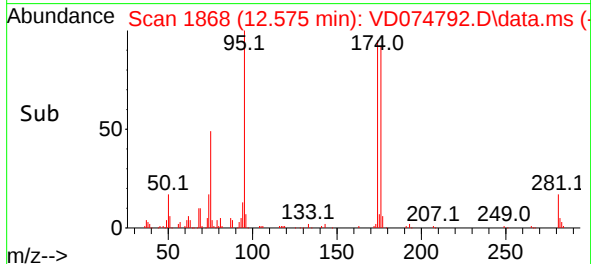
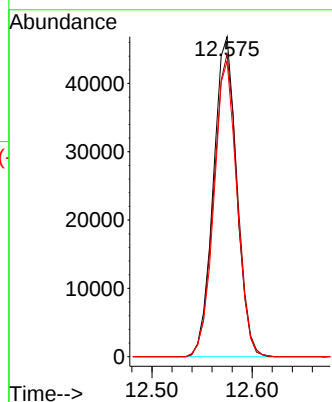
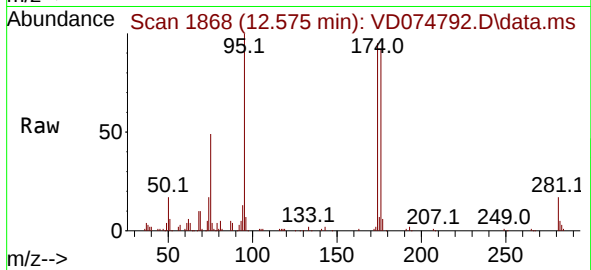




#62
4-Bromofluorobenzene
Concen: 62.635 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074792.D
Acq: 08 Nov 2022 06:56

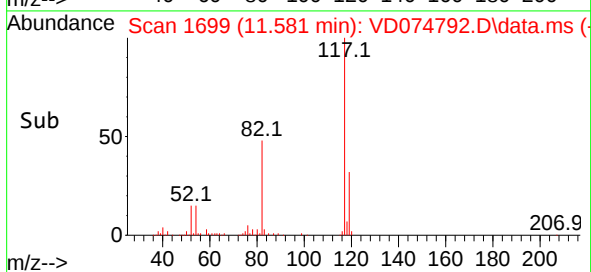
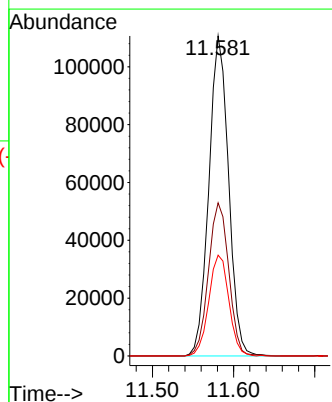
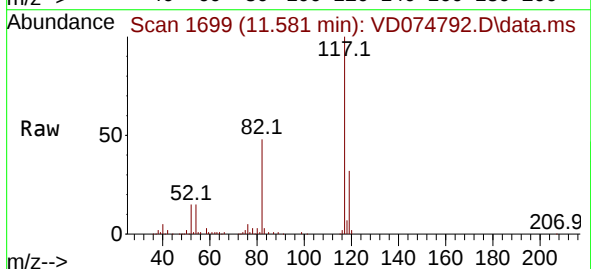
Instrument :
MSVOA_D
ClientSampleId :
R-29

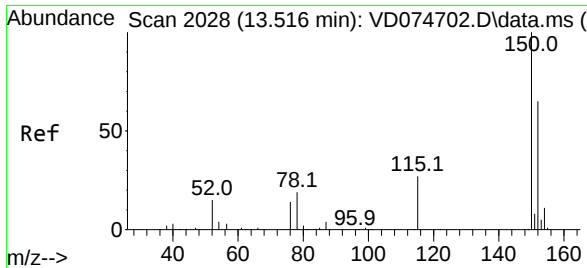
Tgt Ion: 95 Resp: 75257
Ion Ratio Lower Upper
95 100
174 96.2 0.0 197.0
176 91.6 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074792.D
Acq: 08 Nov 2022 06:56

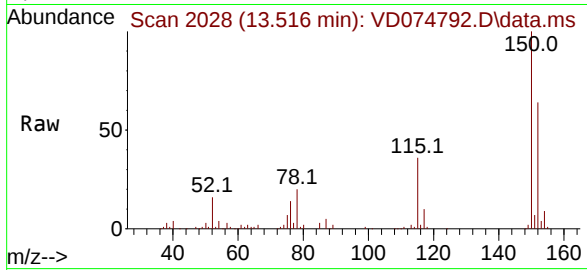
Tgt Ion: 117 Resp: 186728
Ion Ratio Lower Upper
117 100
82 47.8 41.6 62.4
119 31.5 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074792.D
 Acq: 08 Nov 2022 06:56

Instrument :
 MSVOA_D
 ClientSampleId :
 R-29



Tgt Ion:152 Resp: 82858
 Ion Ratio Lower Upper
 152 100
 115 54.3 26.8 80.4
 150 155.7 0.0 348.2

