

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101322\
 Data File : VD074532.D
 Acq On : 13 Oct 2022 17:00
 Operator : VA/SY
 Sample : N5142-01
 Misc : 6.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Oct 14 01:32:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

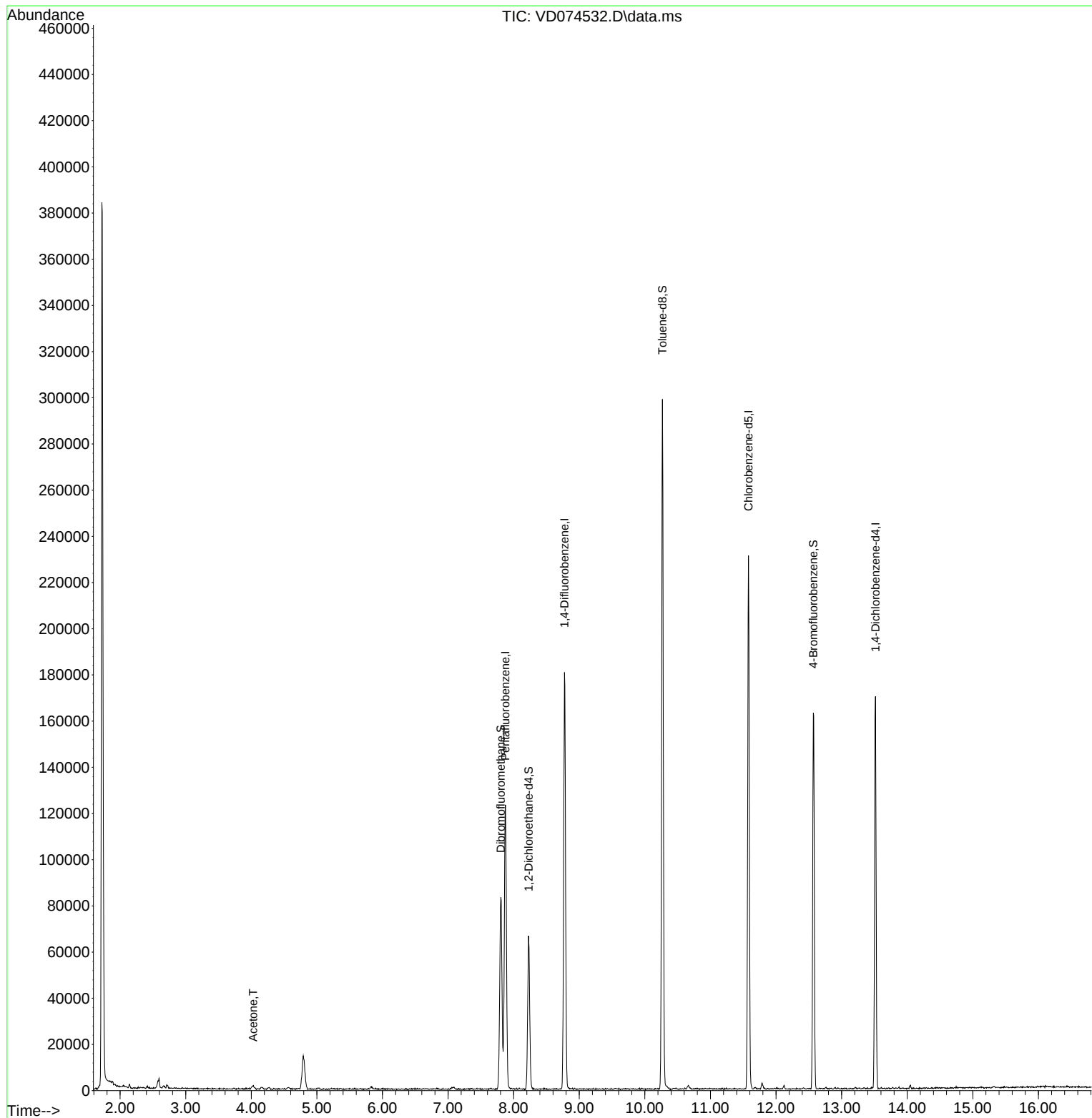
Internal Standards						
1) Pentafluorobenzene	7.875	168	101905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	172730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	142863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	48774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	49093	55.969	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	111.940%	
35) Dibromofluoromethane	7.804	113	61532	59.672	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	119.340%	
50) Toluene-d8	10.269	98	213394	53.829	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	107.660%	
62) 4-Bromofluorobenzene	12.569	95	52732	42.607	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	85.220%	
Target Compounds						
16) Acetone	4.028	43	2574	13.604	ug/l	Qvalue 91

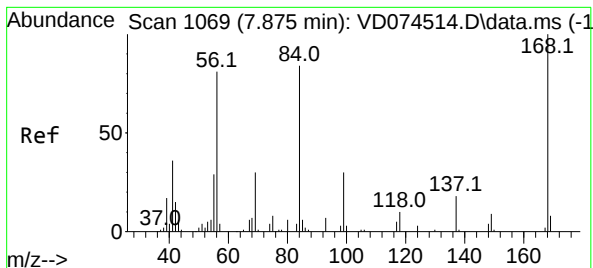
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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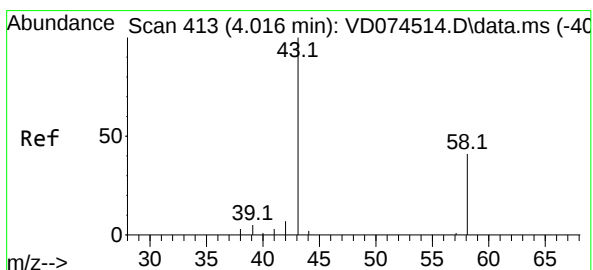
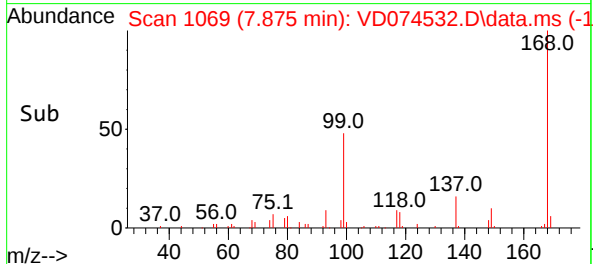
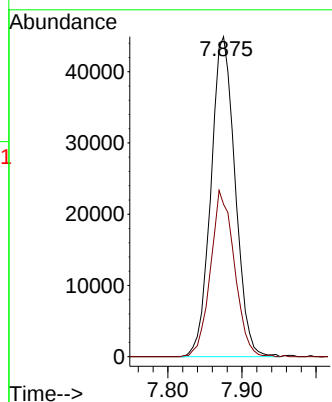
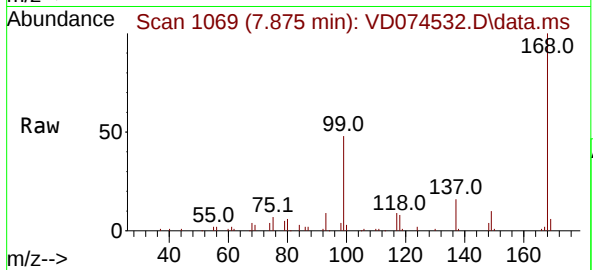




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074532.D
Acq: 13 Oct 2022 17:00

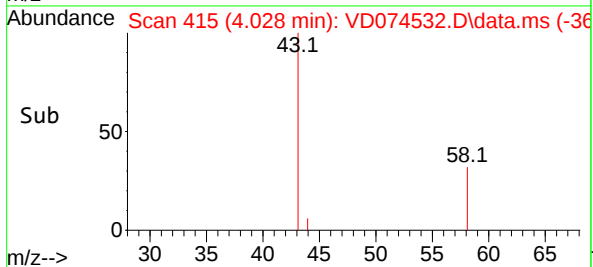
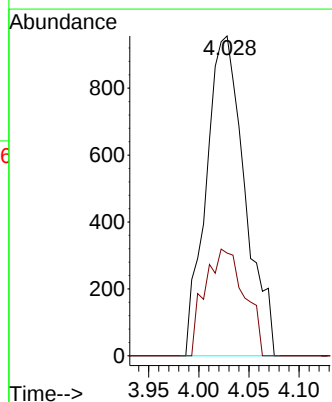
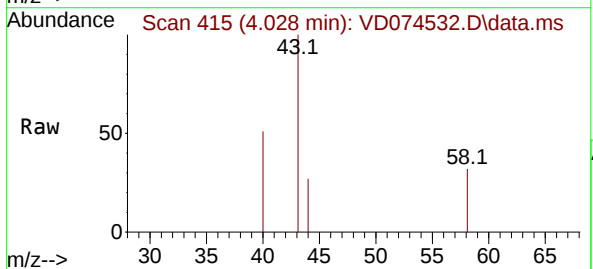
Instrument :
MSVOA_D
ClientSampleId :
WC-1

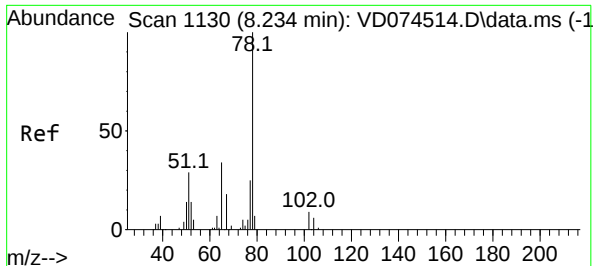
Tgt Ion:168 Resp: 101905
Ion Ratio Lower Upper
168 100
99 47.6 40.9 61.3



#16
Acetone
Concen: 13.604 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD074532.D
Acq: 13 Oct 2022 17:00

Tgt Ion: 43 Resp: 2574
Ion Ratio Lower Upper
43 100
58 32.1 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 55.969 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074532.D

Acq: 13 Oct 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

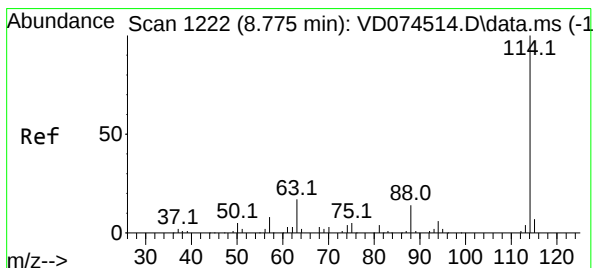
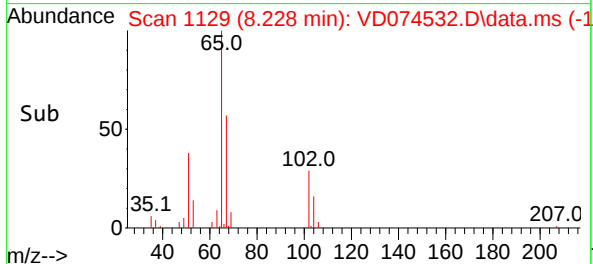
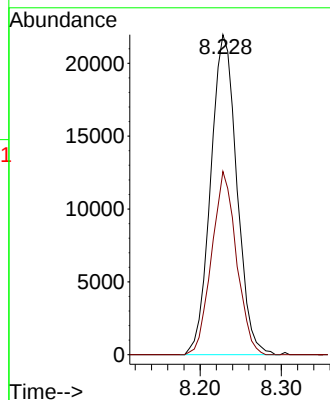
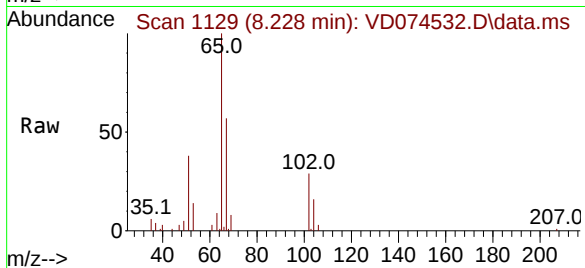
WC-1

Tgt Ion: 65 Resp: 49093

Ion Ratio Lower Upper

65 100

67 54.4 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: VD074532.D

Acq: 13 Oct 2022 17:00

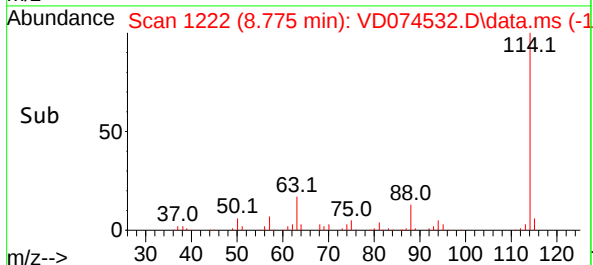
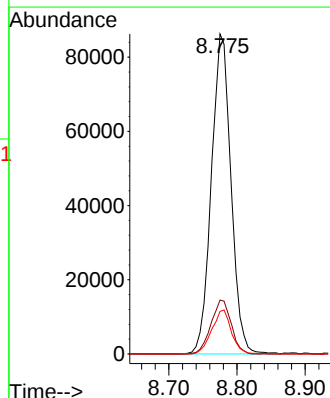
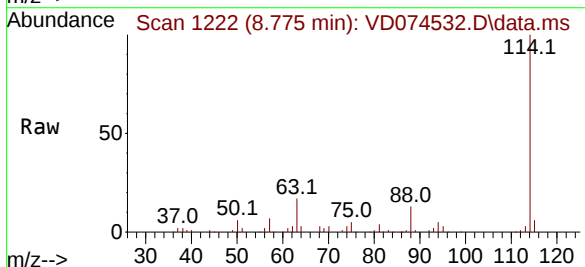
Tgt Ion: 114 Resp: 172730

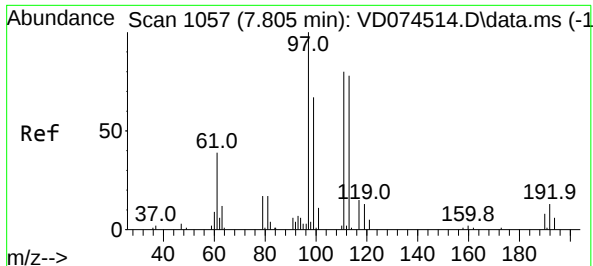
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.2

88 13.3 0.0 28.2





#35

Dibromofluoromethane

Concen: 59.672 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074532.D

Acq: 13 Oct 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

WC-1

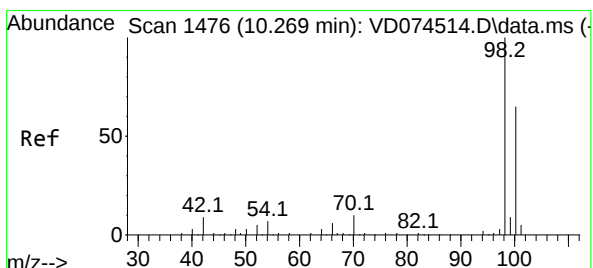
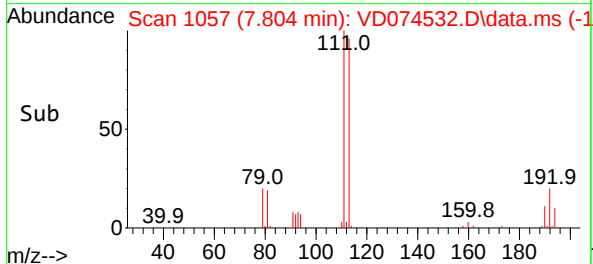
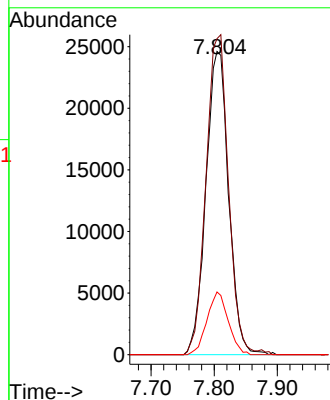
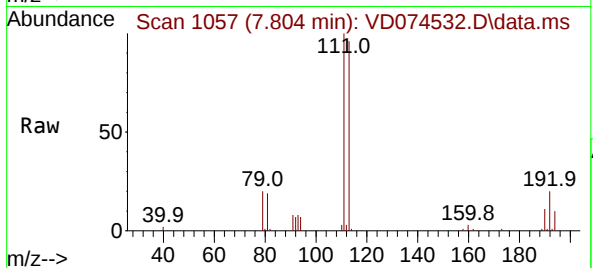
Tgt Ion:113 Resp: 61532

Ion Ratio Lower Upper

113 100

111 104.4 82.3 123.5

192 19.3 16.4 24.6



#50

Toluene-d8

Concen: 53.829 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074532.D

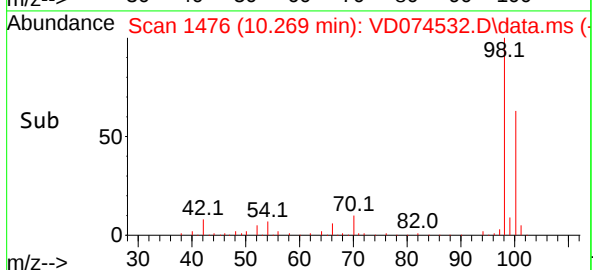
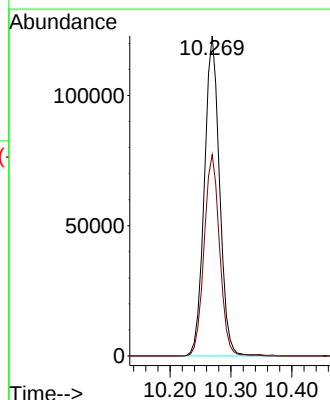
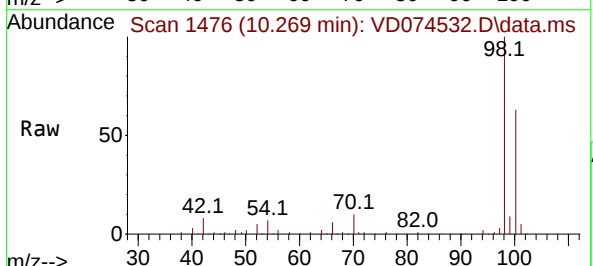
Acq: 13 Oct 2022 17:00

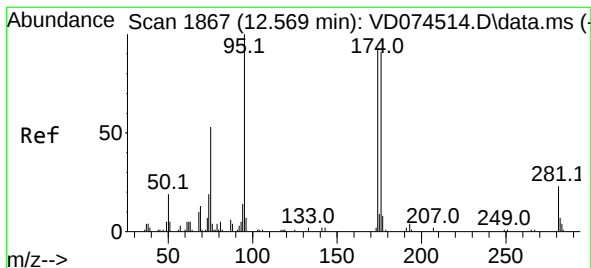
Tgt Ion: 98 Resp: 213394

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0

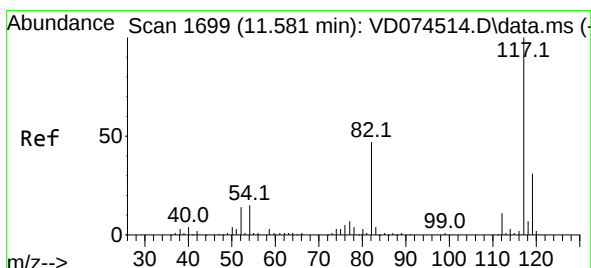
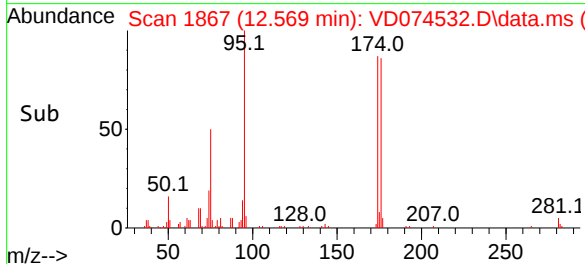
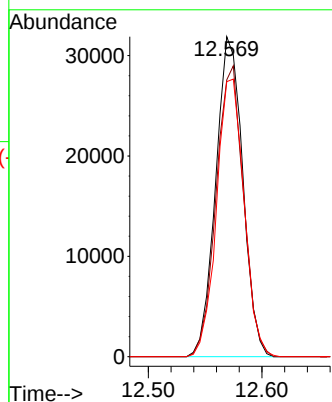
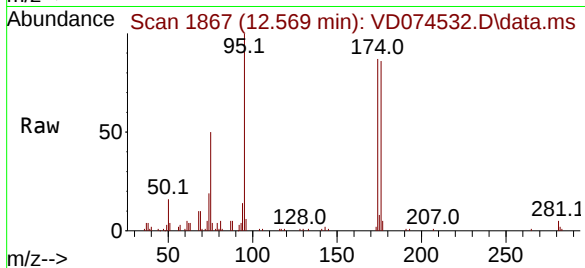




#62
4-Bromofluorobenzene
Concen: 42.607 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074532.D
Acq: 13 Oct 2022 17:00

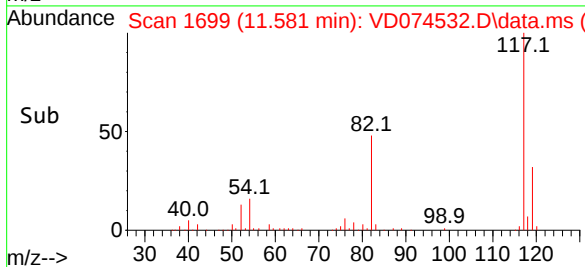
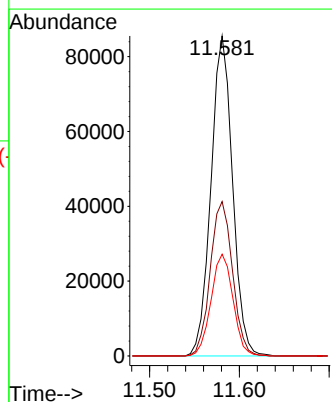
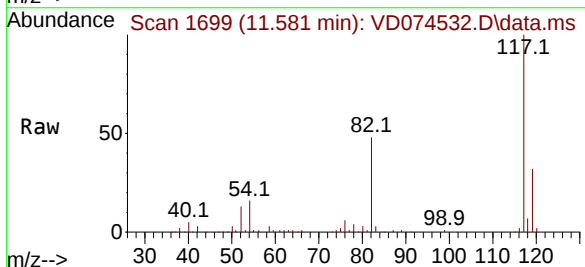
Instrument :
MSVOA_D
ClientSampleId :
WC-1

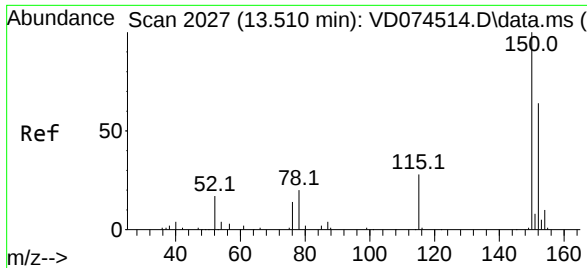
Tgt Ion: 95 Resp: 52732
Ion Ratio Lower Upper
95 100
174 92.0 0.0 197.0
176 88.3 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074532.D
Acq: 13 Oct 2022 17:00

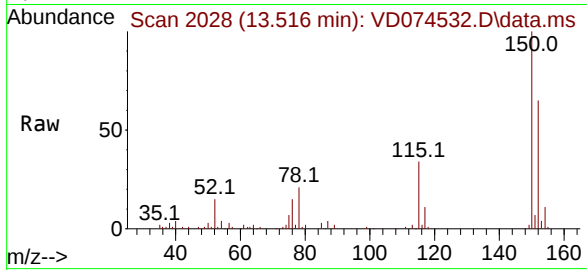
Tgt Ion: 117 Resp: 142863
Ion Ratio Lower Upper
117 100
82 48.3 41.6 62.4
119 31.8 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD074532.D
 Acq: 13 Oct 2022 17:00

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1



Tgt Ion:152 Resp: 48774
 Ion Ratio Lower Upper
 152 100
 115 55.1 26.8 80.4
 150 155.4 0.0 348.2

