

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101322\
 Data File : VD074529.D
 Acq On : 13 Oct 2022 15:08
 Operator : VA/SY
 Sample : N5116-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWRN-30977

Quant Time: Oct 13 16:58:13 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	98228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	163228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	130276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	44072	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	51708	61.157	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.320%
35) Dibromofluoromethane	7.804	113	62852	64.736	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.480%
50) Toluene-d8	10.269	98	220875	58.795	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.580%
62) 4-Bromofluorobenzene	12.569	95	56039	48.681	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.360%

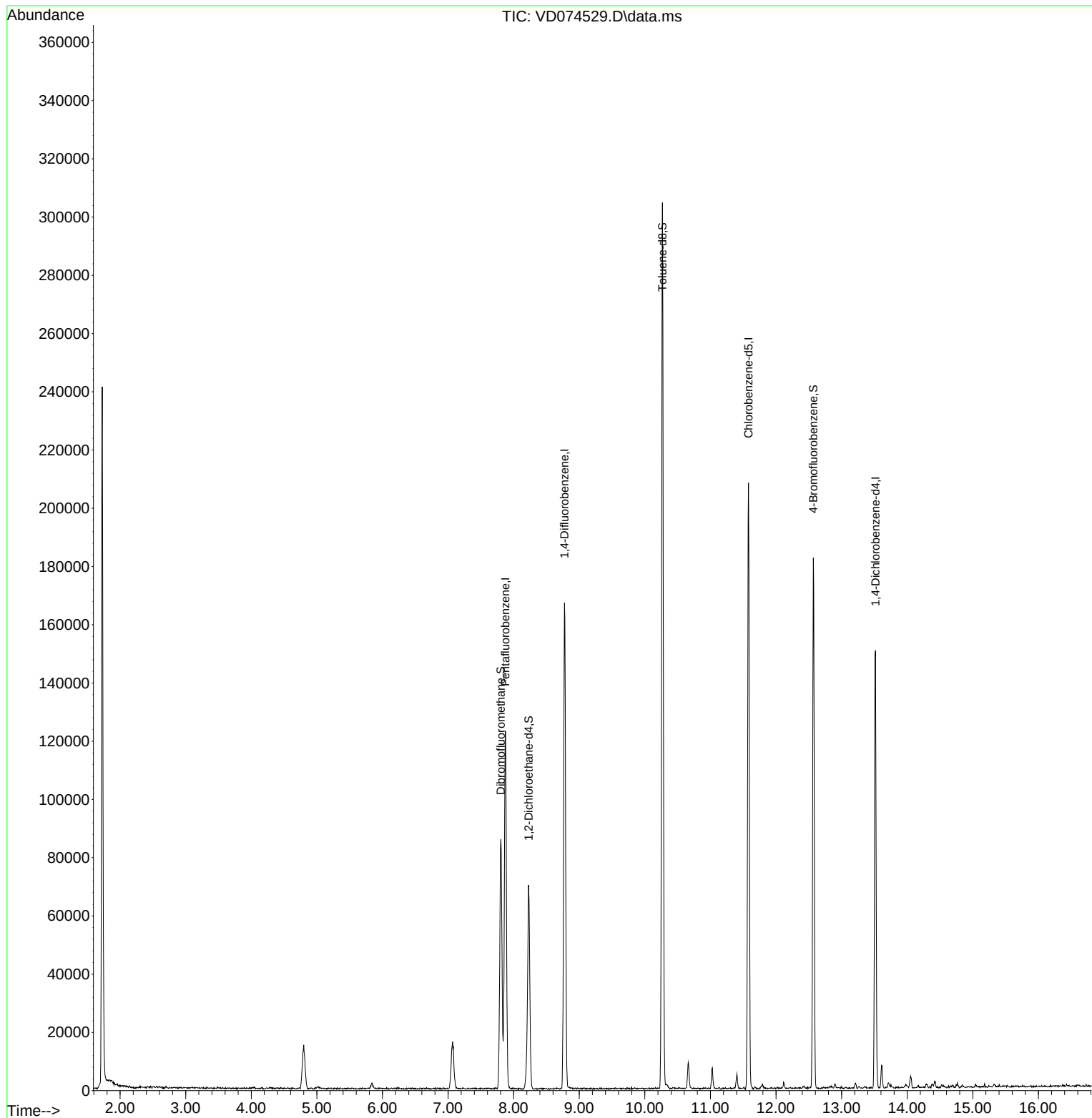
Target Compounds	Qvalue

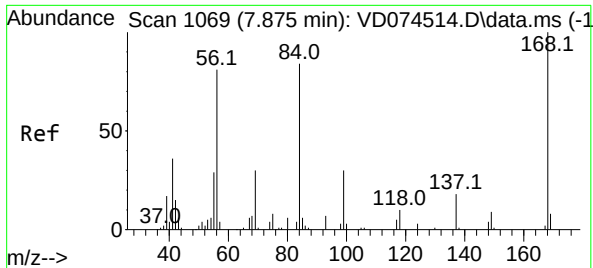
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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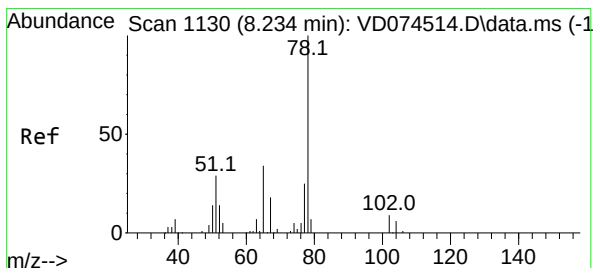
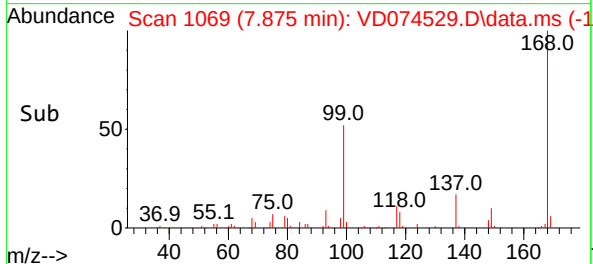
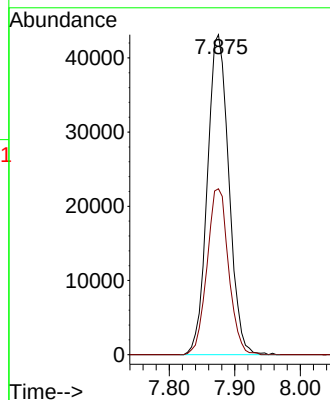
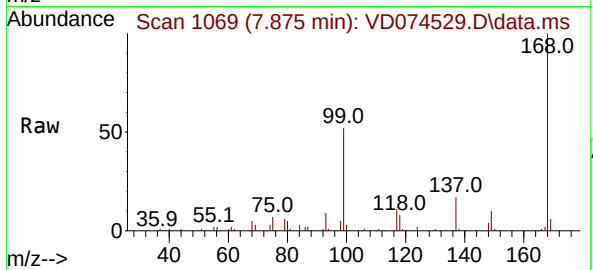




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD074529.D
Acq: 13 Oct 2022 15:08

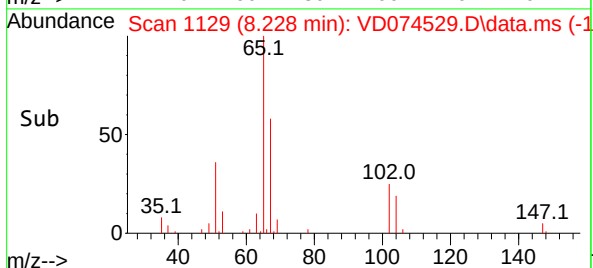
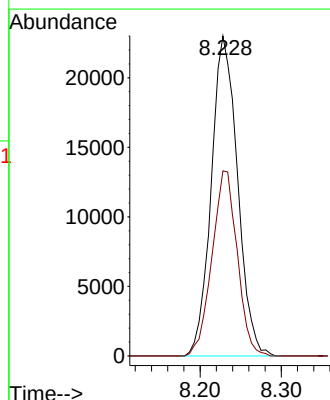
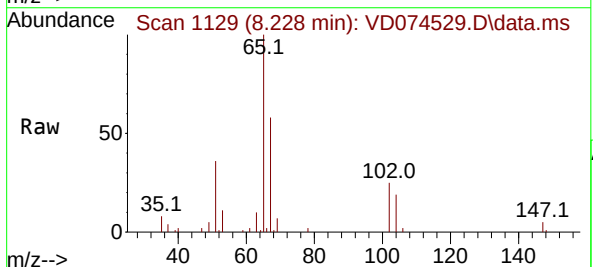
Instrument :
MSVOA_D
ClientSampleId :
SWRN-30977

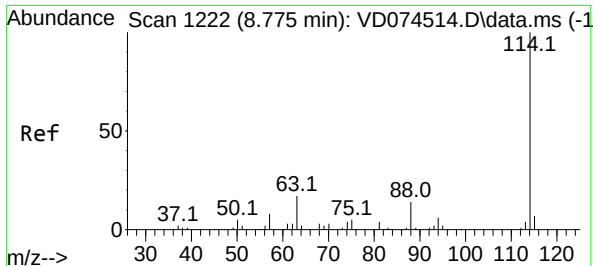
Tgt Ion:168 Resp: 98228
Ion Ratio Lower Upper
168 100
99 51.8 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 61.157 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074529.D
Acq: 13 Oct 2022 15:08

Tgt Ion: 65 Resp: 51708
Ion Ratio Lower Upper
65 100
67 55.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074529.D

Acq: 13 Oct 2022 15:08

Instrument :

MSVOA_D

ClientSampleId :

SWRN-30977

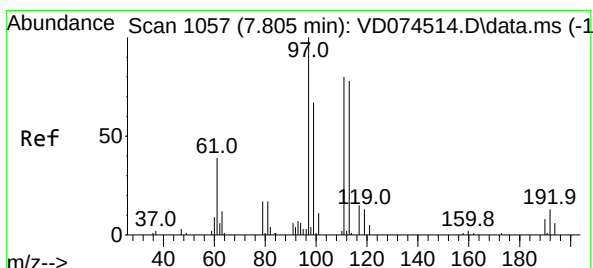
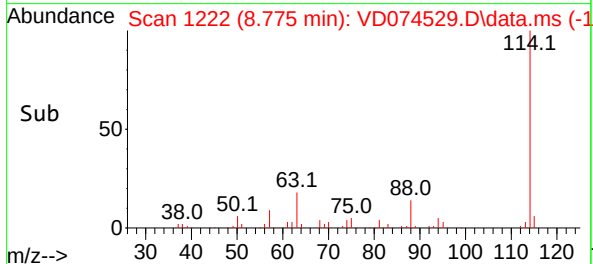
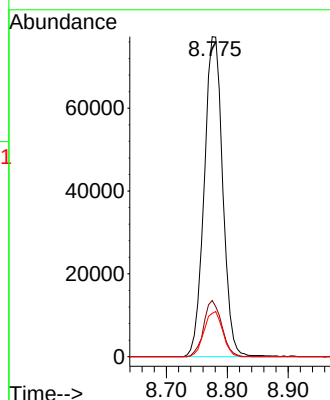
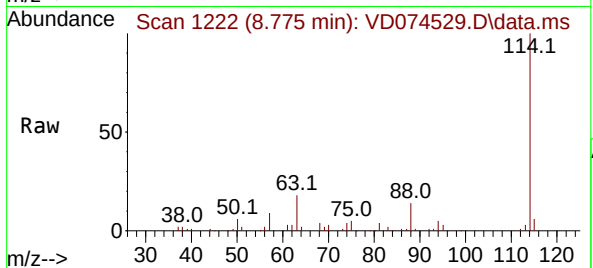
Tgt Ion:114 Resp: 163228

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.2

88 13.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 64.736 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074529.D

Acq: 13 Oct 2022 15:08

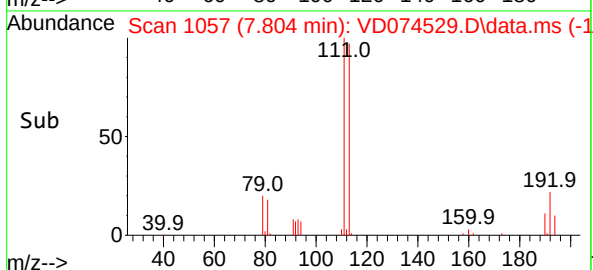
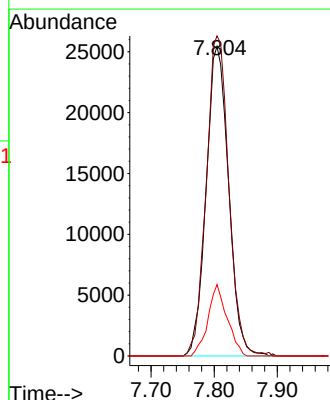
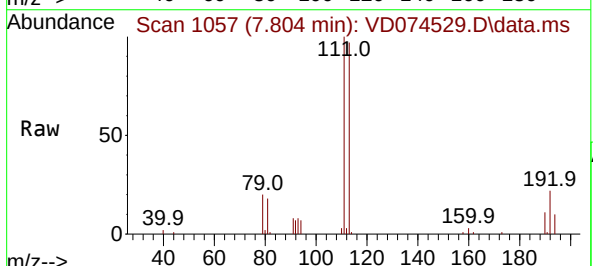
Tgt Ion:113 Resp: 62852

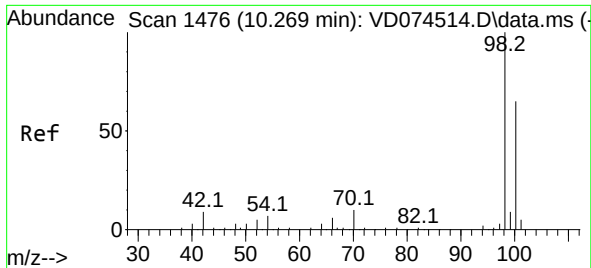
Ion Ratio Lower Upper

113 100

111 103.6 82.3 123.5

192 19.7 16.4 24.6

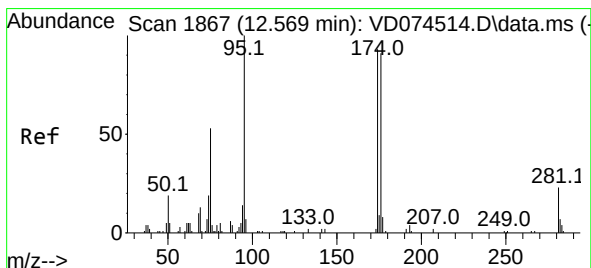
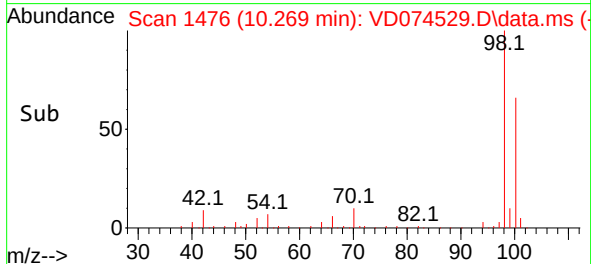
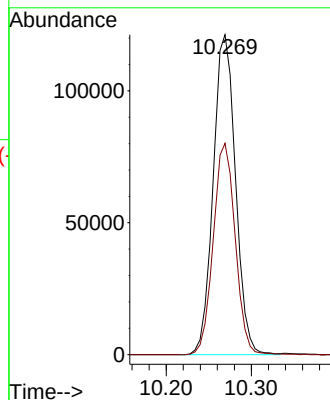
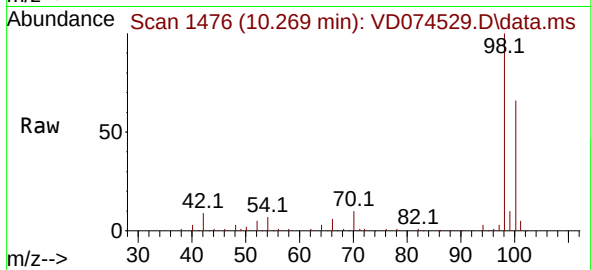




#50
Toluene-d8
Concen: 58.795 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074529.D
Acq: 13 Oct 2022 15:08

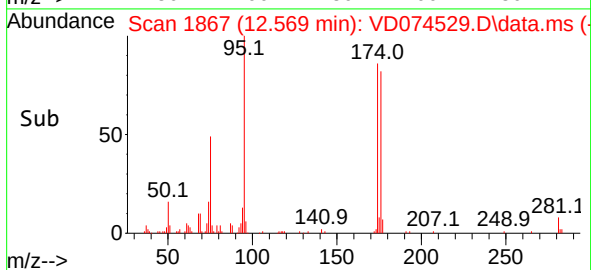
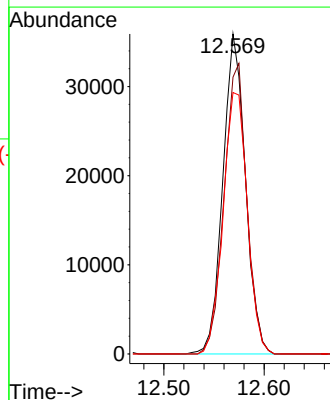
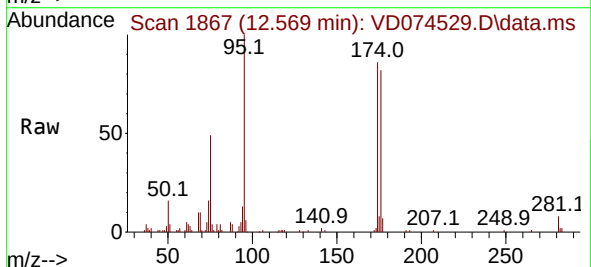
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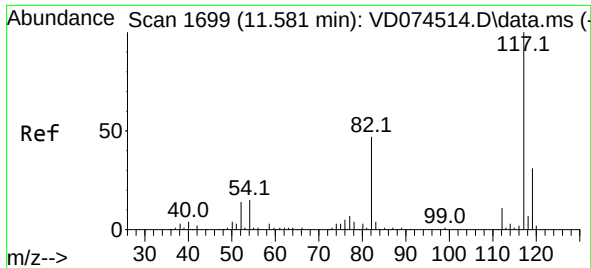
Tgt Ion: 98 Resp: 220875
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 48.681 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074529.D
Acq: 13 Oct 2022 15:08

Tgt Ion: 95 Resp: 56039
Ion Ratio Lower Upper
95 100
174 91.7 0.0 197.0
176 87.8 0.0 182.6

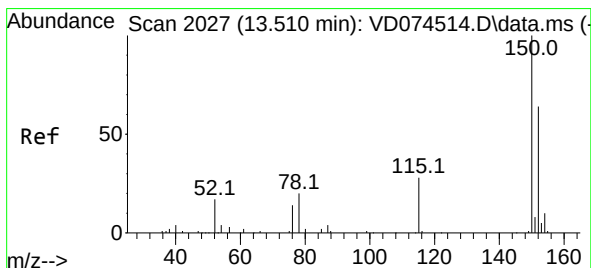
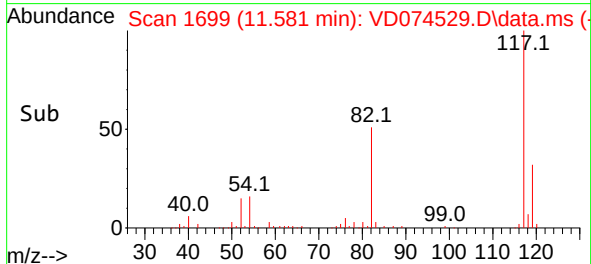
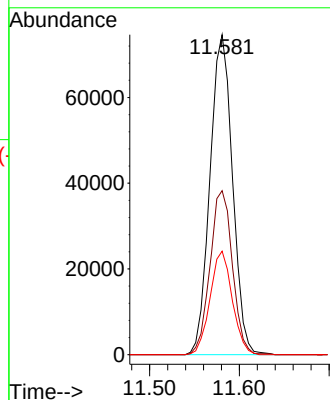
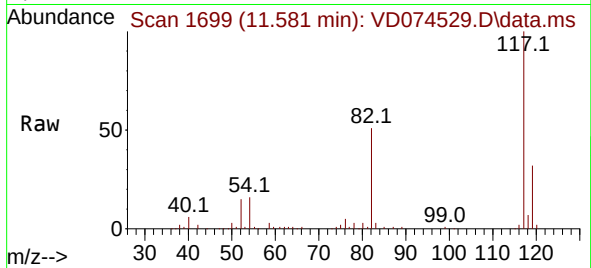




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074529.D
Acq: 13 Oct 2022 15:08

Instrument :
MSVOA_D
ClientSampleId :
SWRN-30977

Tgt Ion:117 Resp: 130276
Ion Ratio Lower Upper
117 100
82 51.2 41.6 62.4
119 32.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074529.D
Acq: 13 Oct 2022 15:08

Tgt Ion:152 Resp: 44072
Ion Ratio Lower Upper
152 100
115 55.5 26.8 80.4
150 154.3 0.0 348.2

