

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102122\
 Data File : VD074619.D
 Acq On : 21 Oct 2022 16:49
 Operator : VA/SY
 Sample : N5218-21
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

Quant Time: Oct 21 23:11:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	92990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	155590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	120796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	46808	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42966	60.519	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.040%
35) Dibromofluoromethane	7.804	113	57540	67.127	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	134.260%
50) Toluene-d8	10.269	98	186678	59.945	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.880%
62) 4-Bromofluorobenzene	12.569	95	46948	52.500	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.000%

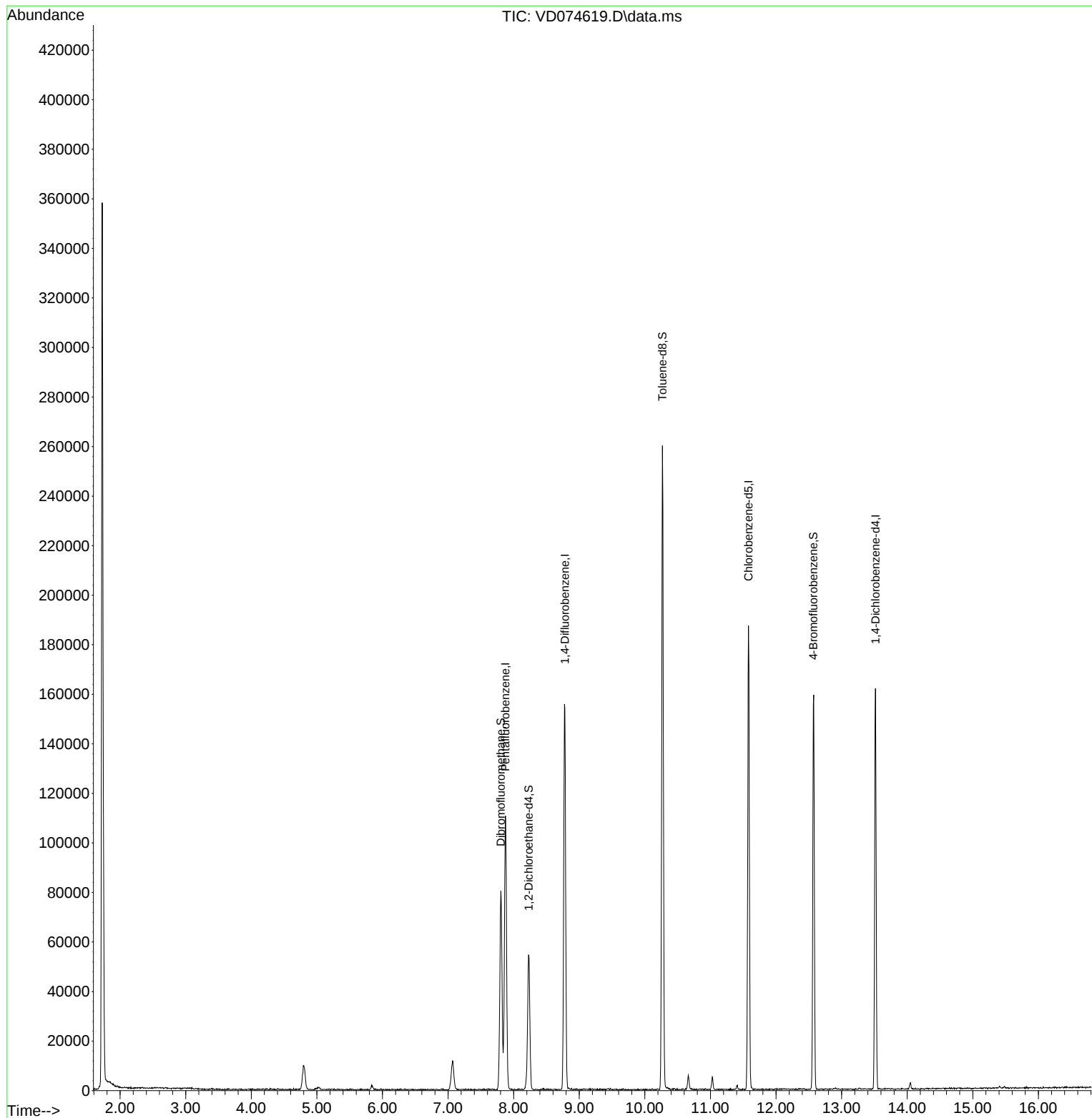
Target Compounds	Qvalue

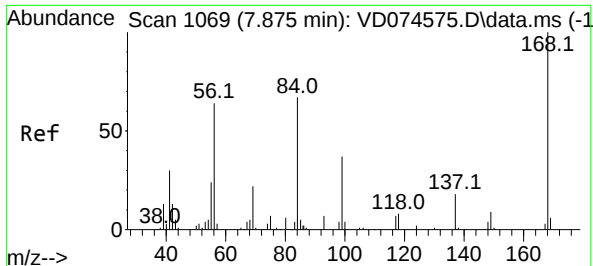
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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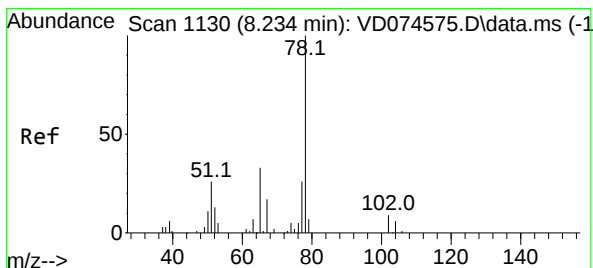
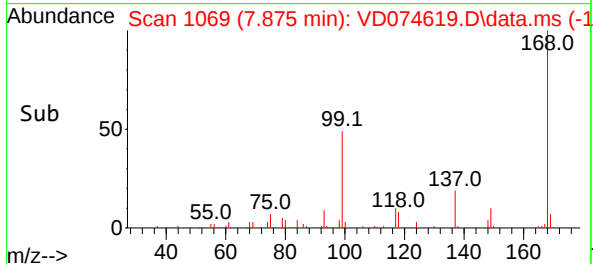
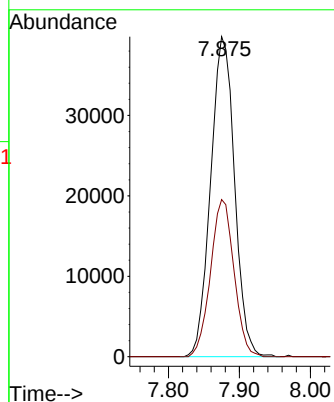
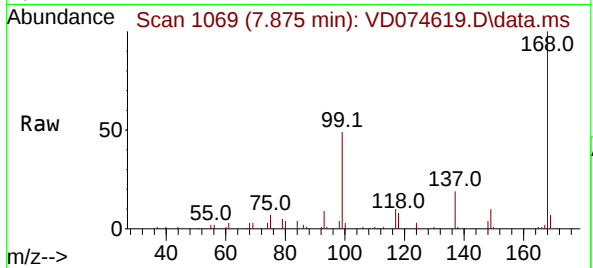




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074619.D
Acq: 21 Oct 2022 16:49

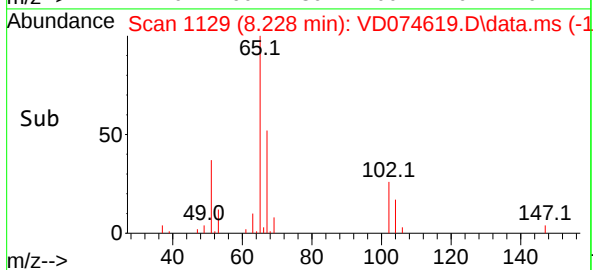
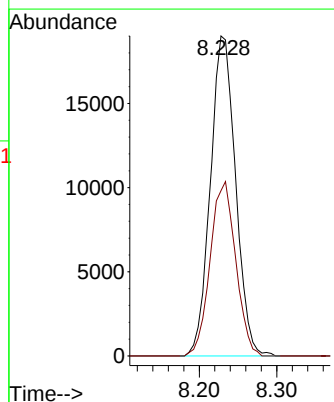
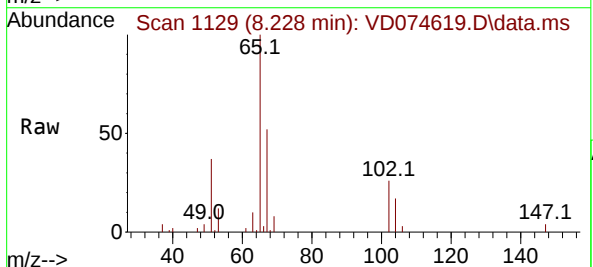
Instrument :
MSVOA_D
ClientSampleId :
SP-3

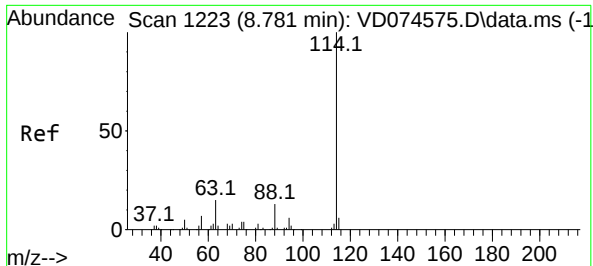
Tgt Ion:168 Resp: 92990
Ion Ratio Lower Upper
168 100
99 49.1 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 60.519 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074619.D
Acq: 21 Oct 2022 16:49

Tgt Ion: 65 Resp: 42966
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074619.D

Acq: 21 Oct 2022 16:49

Instrument :

MSVOA_D

ClientSampleId :

SP-3

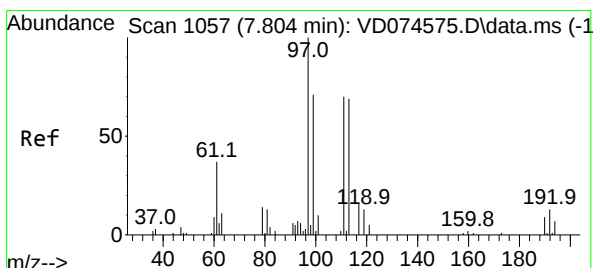
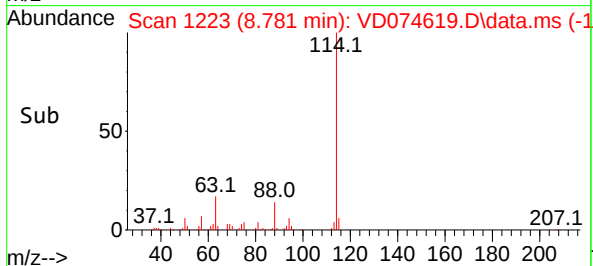
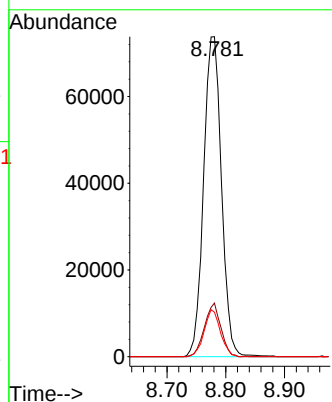
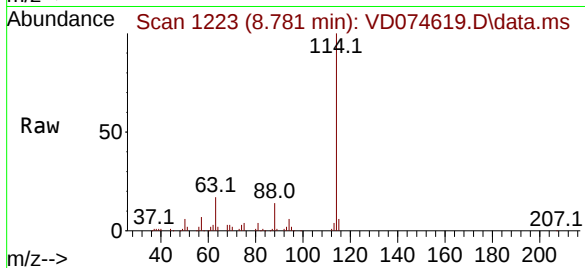
Tgt Ion:114 Resp: 155590

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.2

88 13.9 0.0 28.2



#35

Dibromofluoromethane

Concen: 67.127 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074619.D

Acq: 21 Oct 2022 16:49

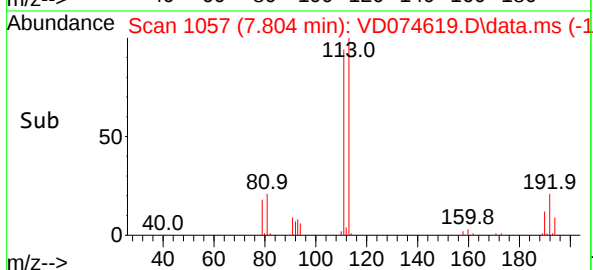
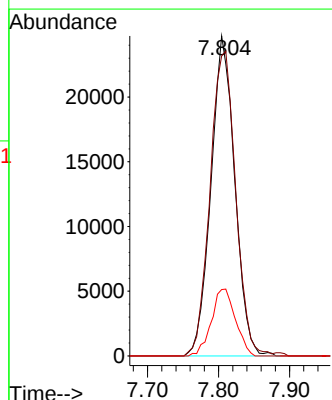
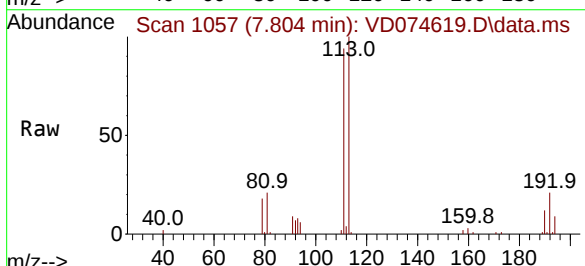
Tgt Ion:113 Resp: 57540

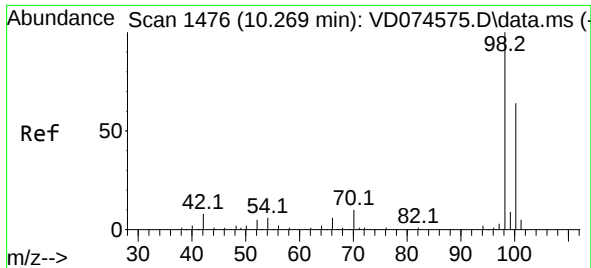
Ion Ratio Lower Upper

113 100

111 102.8 82.3 123.5

192 21.1 16.4 24.6

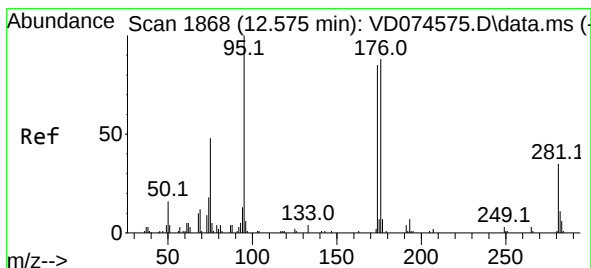
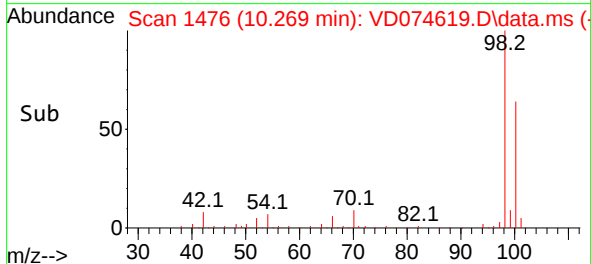
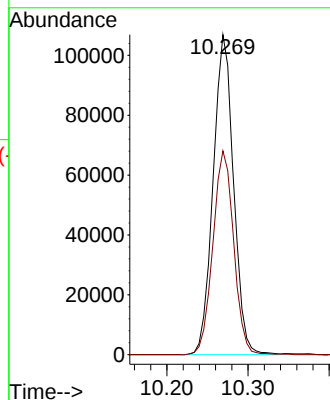
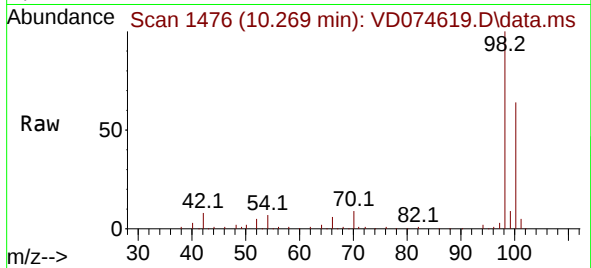




#50
Toluene-d8
Concen: 59.945 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074619.D
Acq: 21 Oct 2022 16:49

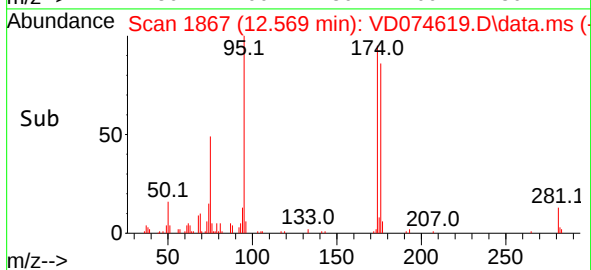
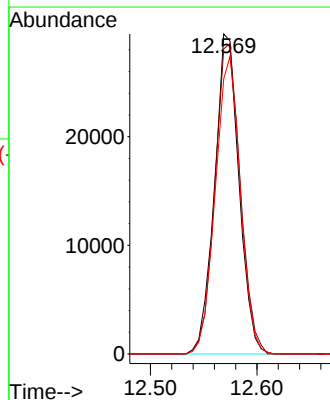
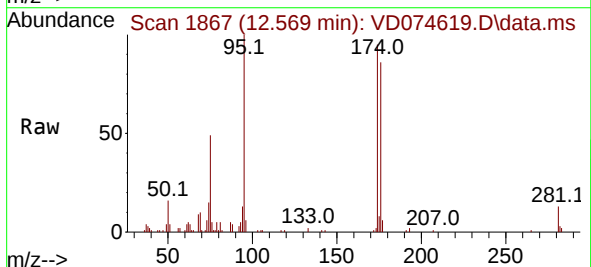
Instrument :
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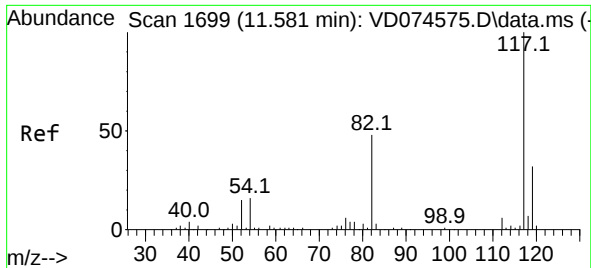
Tgt Ion: 98 Resp: 186678
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 52.500 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074619.D
Acq: 21 Oct 2022 16:49

Tgt Ion: 95 Resp: 46948
Ion Ratio Lower Upper
95 100
174 100.6 0.0 197.0
176 95.3 0.0 182.6

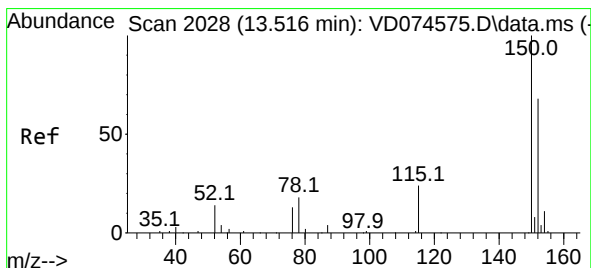
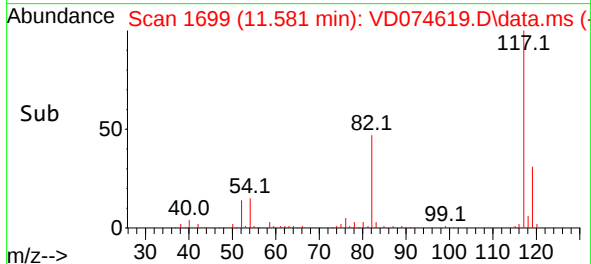
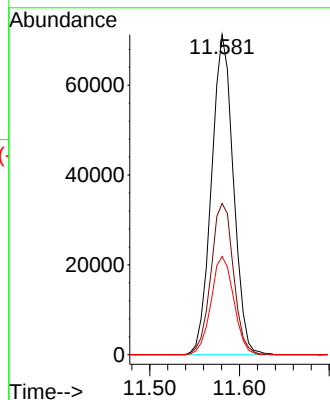
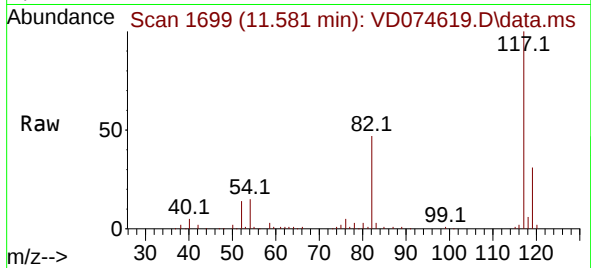




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074619.D
Acq: 21 Oct 2022 16:49

Instrument :
MSVOA_D
ClientSampleId :
SP-3

Tgt Ion:117 Resp: 120796
Ion Ratio Lower Upper
117 100
82 47.3 41.6 62.4
119 30.7 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: VD074619.D
Acq: 21 Oct 2022 16:49

Tgt Ion:152 Resp: 46808
Ion Ratio Lower Upper
152 100
115 55.3 26.8 80.4
150 159.2 0.0 348.2

