

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074819.D
 Acq On : 09 Nov 2022 10:42
 Operator : VA/SY
 Sample : VD1109SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1109SBL01

Quant Time: Nov 09 14:03:40 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	7.881	168	130494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	207837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	183760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	80869	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	57253	55.395	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.800%
35) Dibromofluoromethane	7.810	113	71311	58.003	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.000%
50) Toluene-d8	10.269	98	217219	48.436	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.880%
62) 4-Bromofluorobenzene	12.575	95	63445	48.998	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.000%

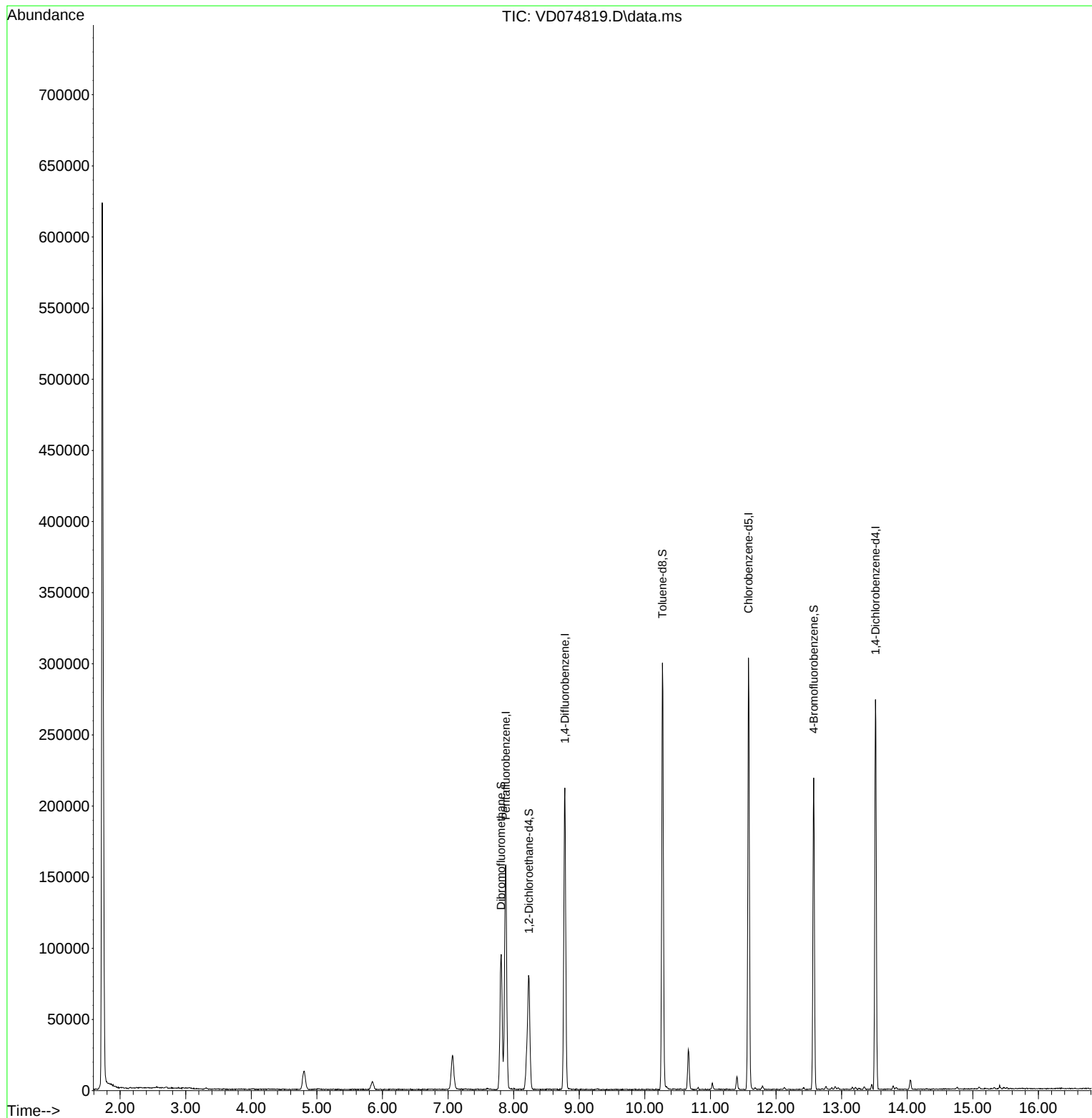
Target Compounds	Qvalue

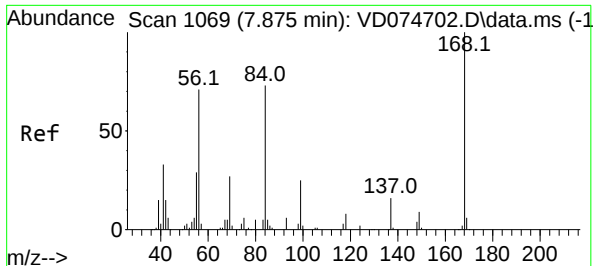
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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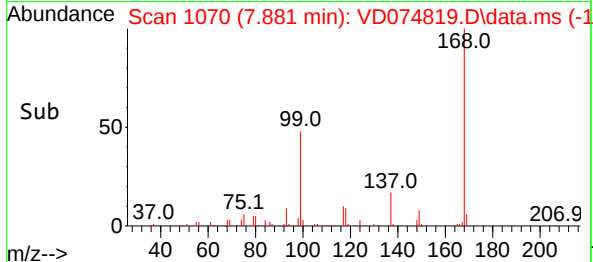
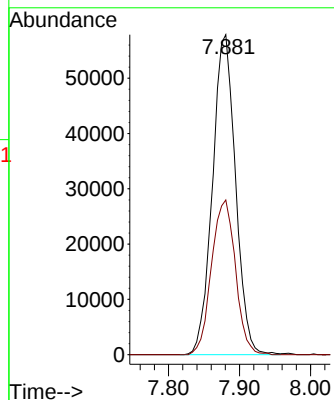
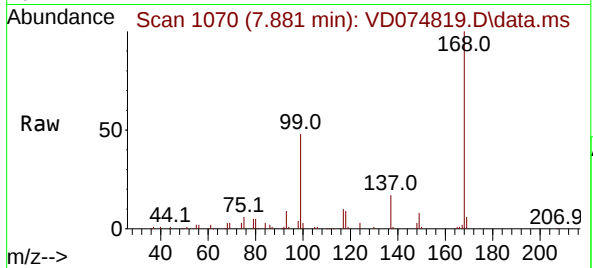




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD074819.D
Acq: 09 Nov 2022 10:42

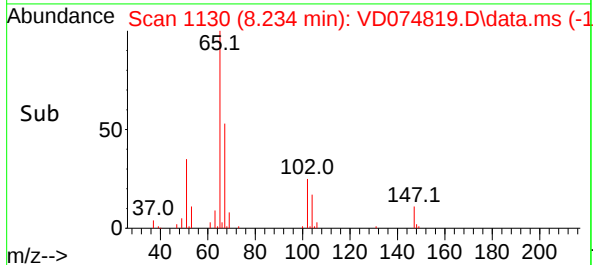
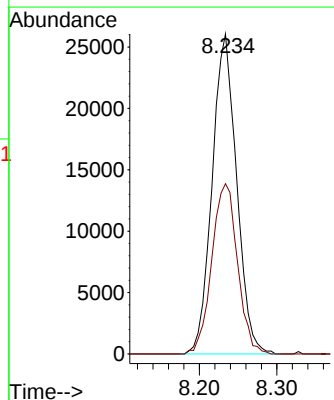
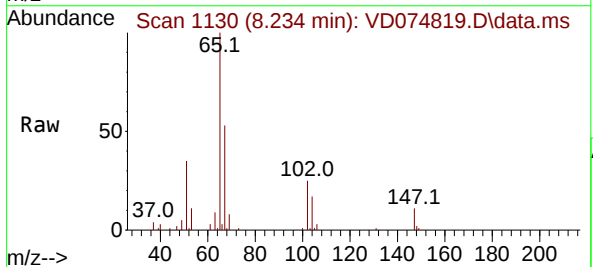
Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL01

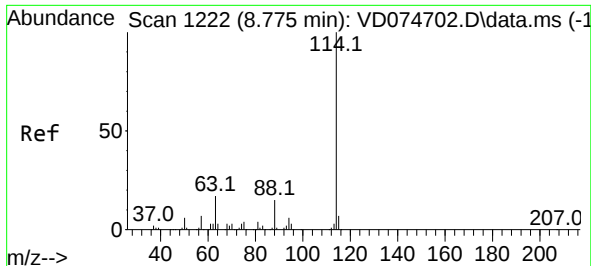
Tgt Ion:168 Resp: 130494
Ion Ratio Lower Upper
168 100
99 48.4 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 55.395 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074819.D
Acq: 09 Nov 2022 10:42

Tgt Ion: 65 Resp: 57253
Ion Ratio Lower Upper
65 100
67 55.9 0.0 110.2

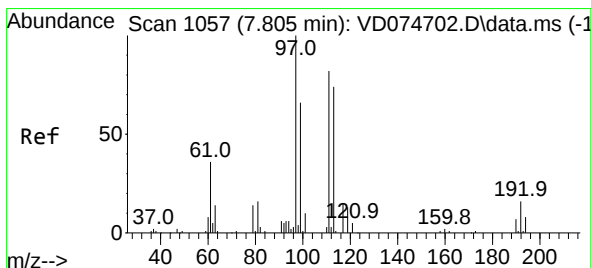
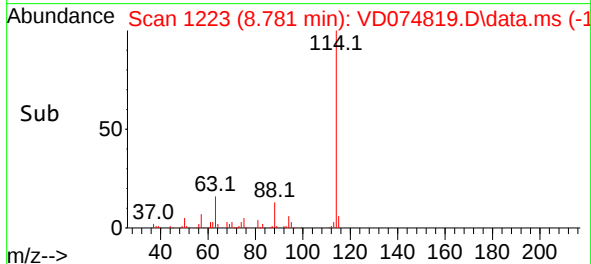
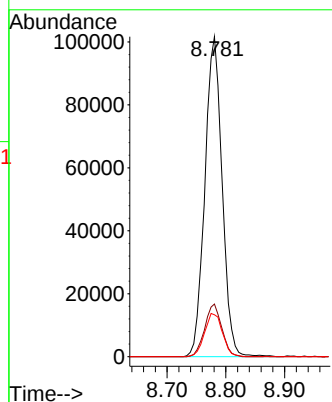
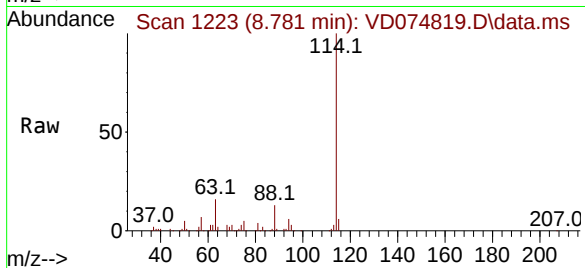




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074819.D
Acq: 09 Nov 2022 10:42

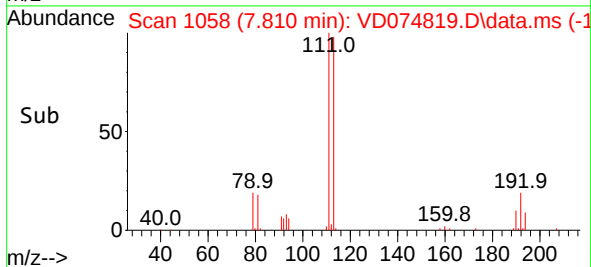
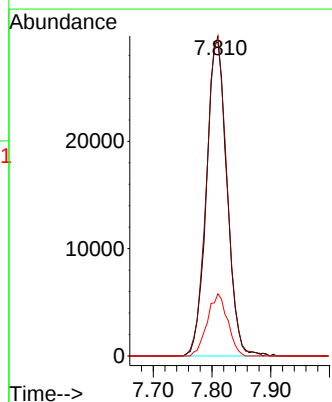
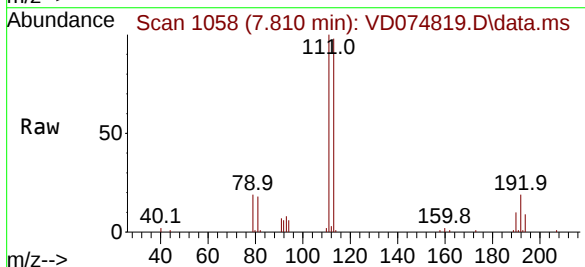
Instrument :
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ClientSampleId :
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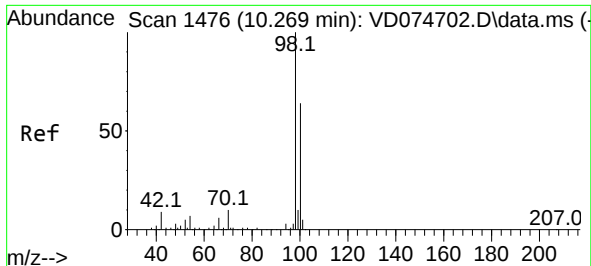
Tgt Ion:114 Resp: 207837
Ion Ratio Lower Upper
114 100
63 16.5 0.0 33.2
88 13.1 0.0 28.2



#35
Dibromofluoromethane
Concen: 58.003 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD074819.D
Acq: 09 Nov 2022 10:42

Tgt Ion:113 Resp: 71311
Ion Ratio Lower Upper
113 100
111 101.4 82.3 123.5
192 19.5 16.4 24.6

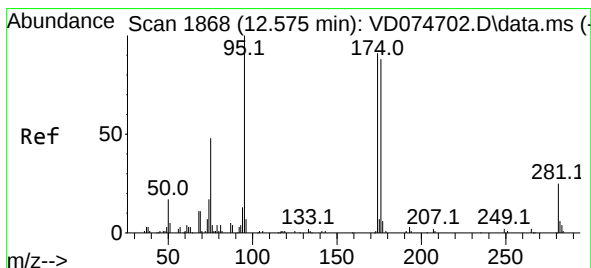
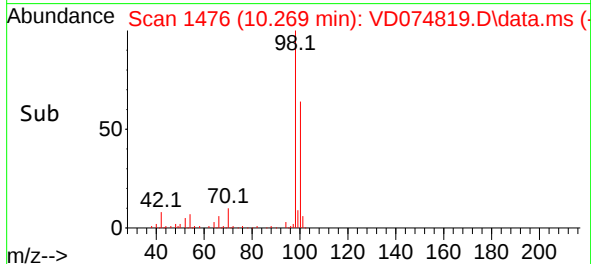
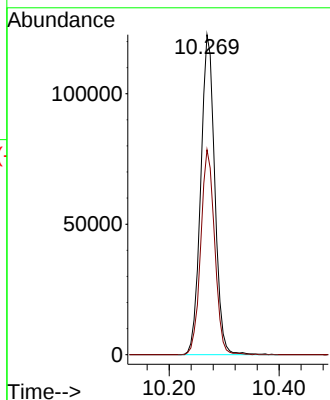
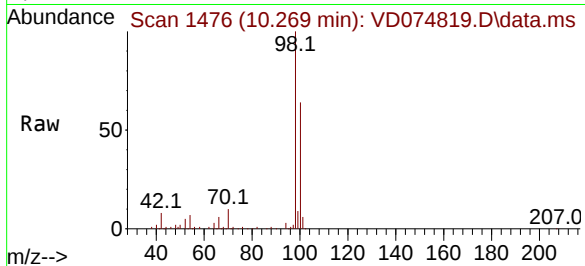




#50
Toluene-d8
Concen: 48.436 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074819.D
Acq: 09 Nov 2022 10:42

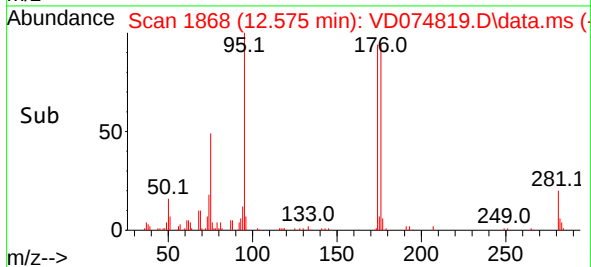
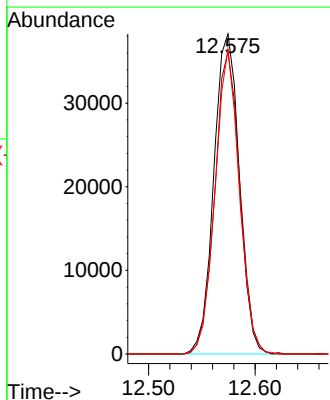
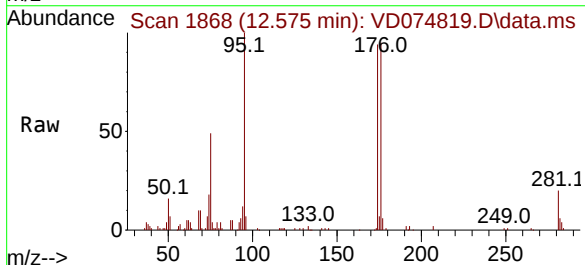
Instrument :
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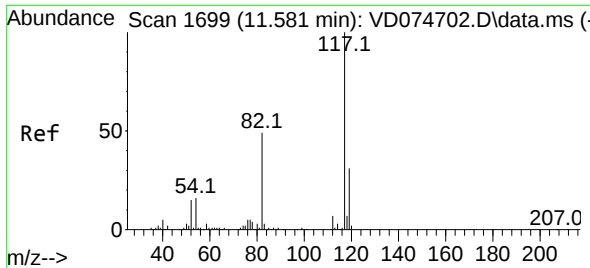
Tgt Ion: 98 Resp: 217219
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 48.998 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074819.D
Acq: 09 Nov 2022 10:42

Tgt Ion: 95 Resp: 63445
Ion Ratio Lower Upper
95 100
174 93.4 0.0 197.0
176 90.4 0.0 182.6

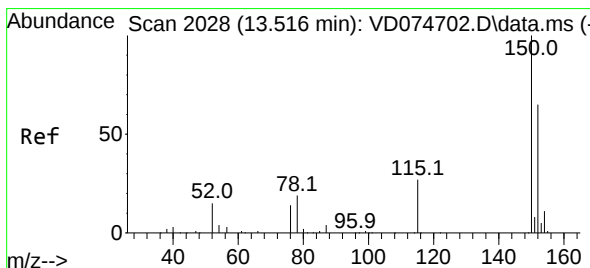
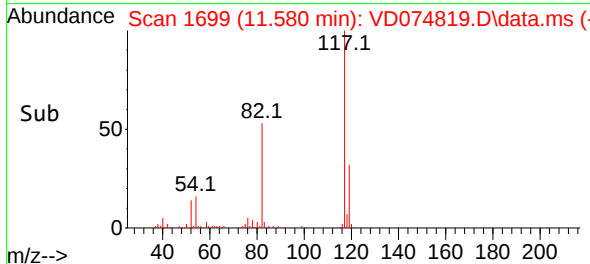
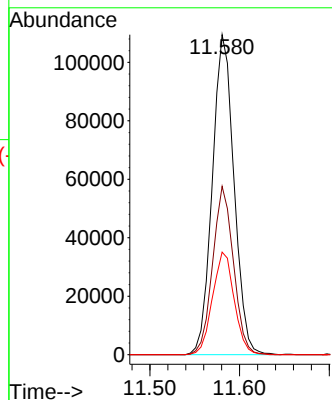
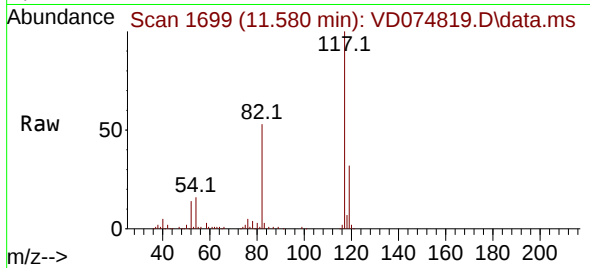




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD074819.D
Acq: 09 Nov 2022 10:42

Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL01

Tgt Ion:117 Resp: 183760
Ion Ratio Lower Upper
117 100
82 52.6 41.6 62.4
119 32.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074819.D
Acq: 09 Nov 2022 10:42

Tgt Ion:152 Resp: 80869
Ion Ratio Lower Upper
152 100
115 55.0 26.8 80.4
150 153.5 0.0 348.2

