

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074719.D
 Acq On : 03 Nov 2022 17:00
 Operator : VA/SY
 Sample : N5396-16
 Misc : 4.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-H

Quant Time: Nov 04 00:03:12 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	163337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	283789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	221749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	99579	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76595	59.208	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.420%
35) Dibromofluoromethane	7.805	113	96622	57.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.120%
50) Toluene-d8	10.269	98	303843	49.619	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.569	95	89525	50.635	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.260%

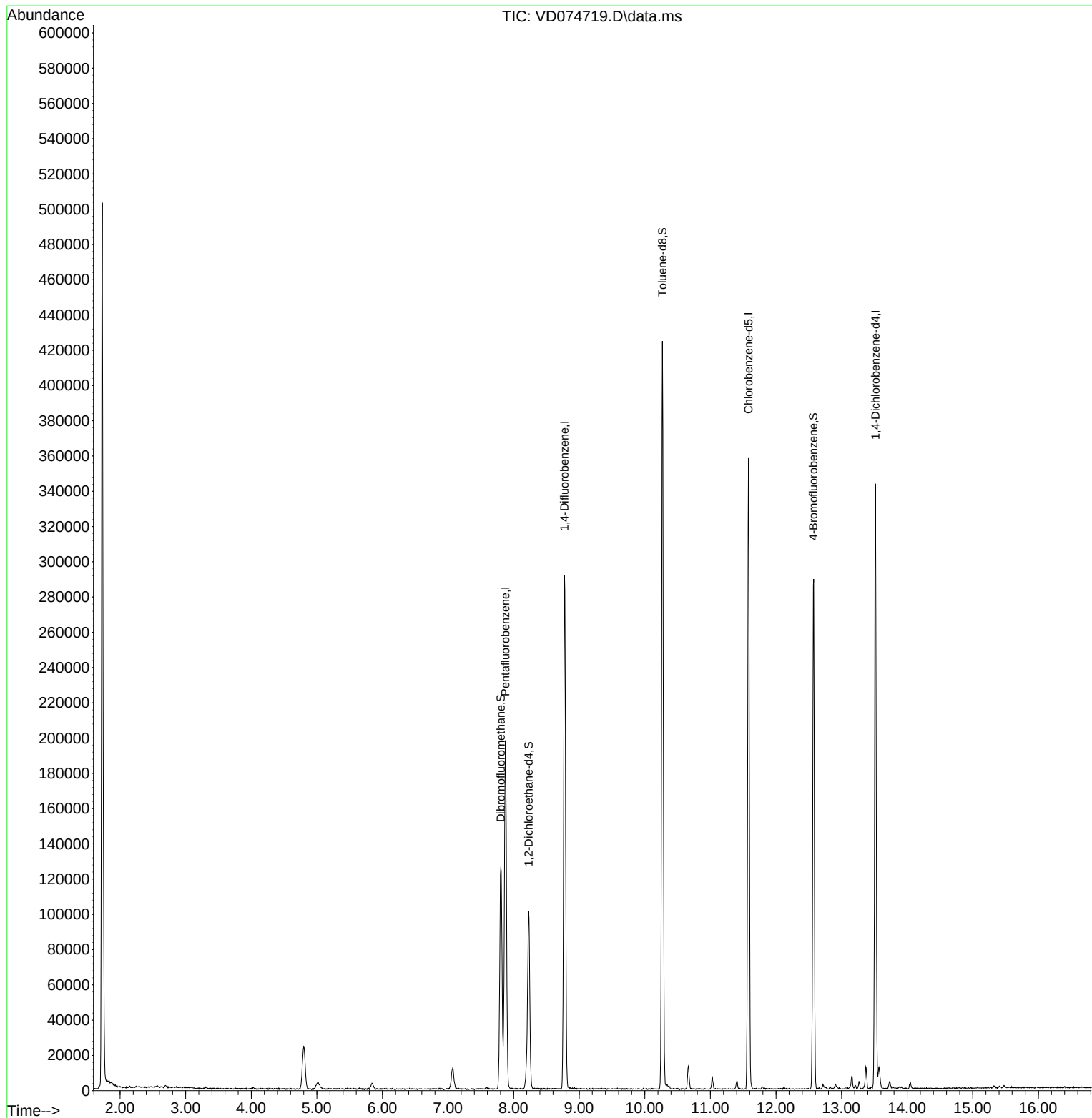
Target Compounds	Qvalue

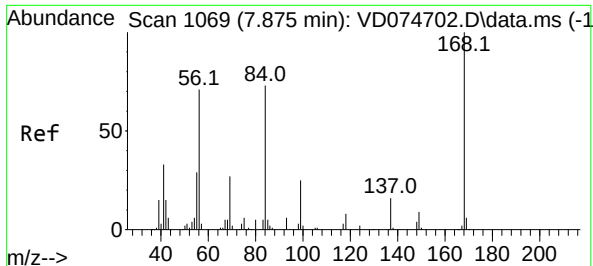
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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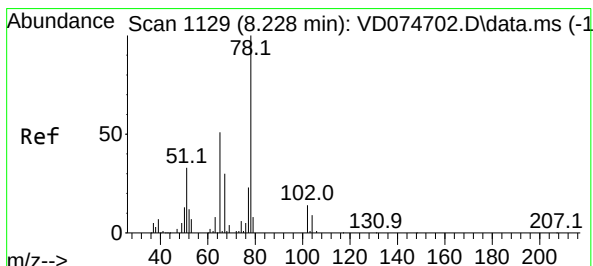
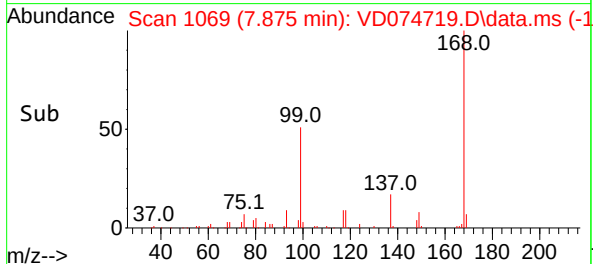
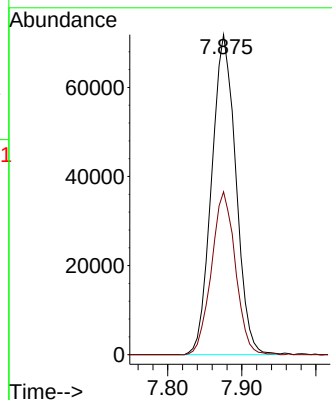
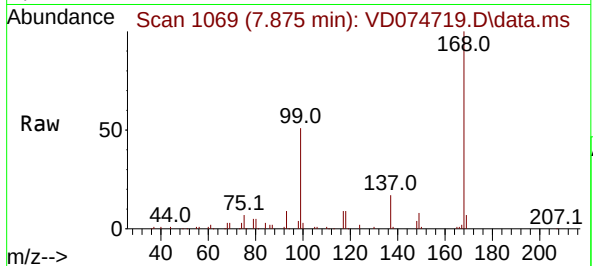




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074719.D
Acq: 03 Nov 2022 17:00

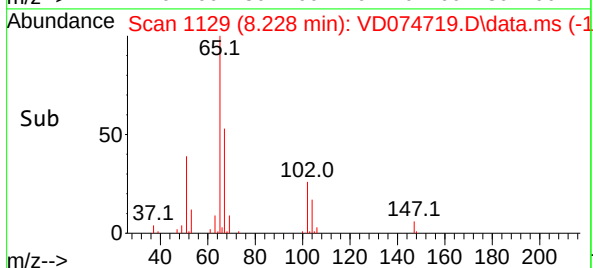
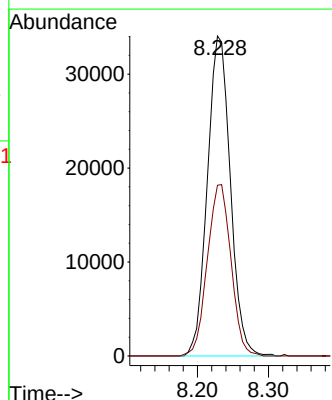
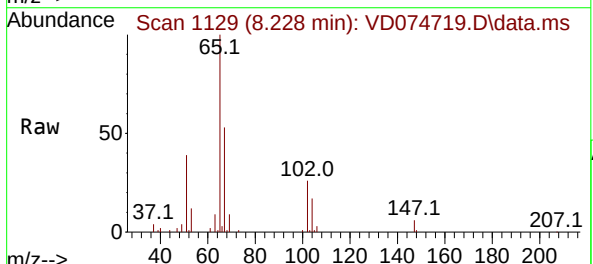
Instrument :
MSVOA_D
ClientSampleId :
TP-H

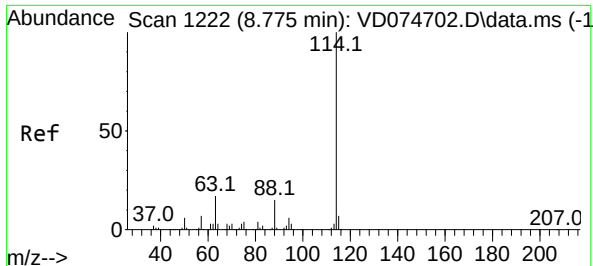
Tgt Ion:168 Resp: 163337
Ion Ratio Lower Upper
168 100
99 50.9 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 59.208 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074719.D
Acq: 03 Nov 2022 17:00

Tgt Ion: 65 Resp: 76595
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.2

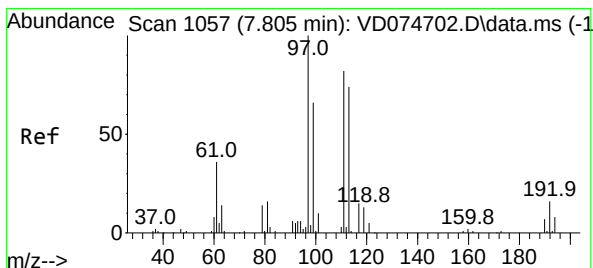
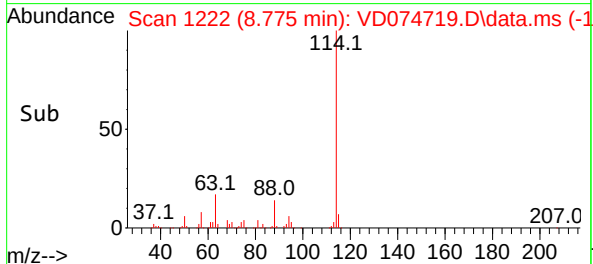
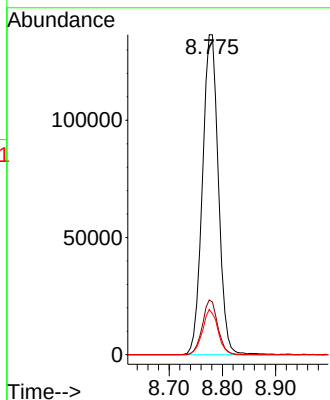
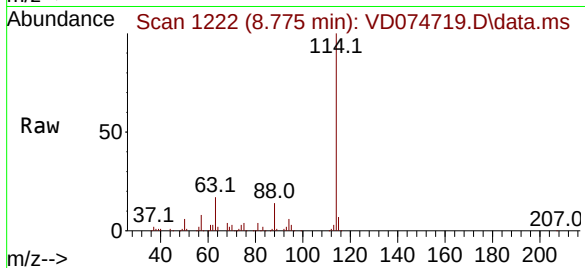




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074719.D
Acq: 03 Nov 2022 17:00

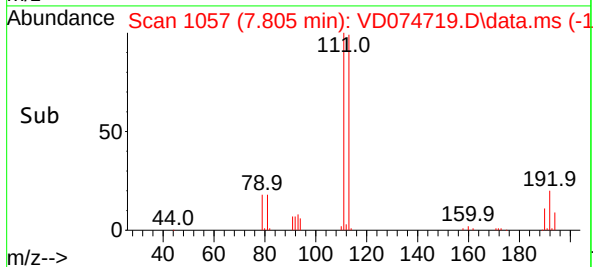
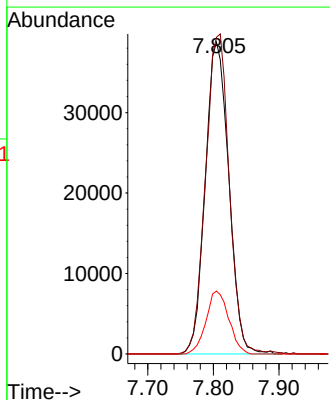
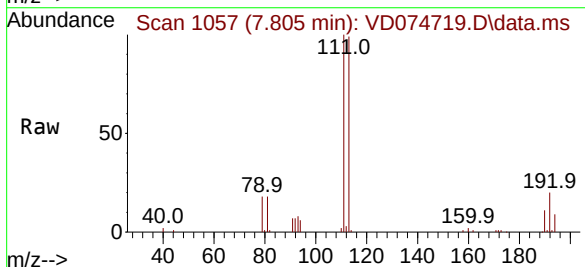
Instrument :
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ClientSampleId :
TP-H

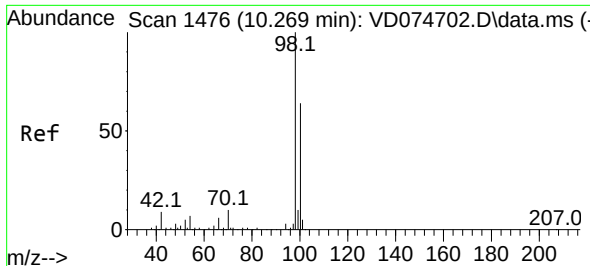
Tgt Ion:114 Resp: 283789
Ion Ratio Lower Upper
114 100
63 17.1 0.0 33.2
88 14.2 0.0 28.2



#35
Dibromofluoromethane
Concen: 57.557 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074719.D
Acq: 03 Nov 2022 17:00

Tgt Ion:113 Resp: 96622
Ion Ratio Lower Upper
113 100
111 103.3 82.3 123.5
192 19.5 16.4 24.6

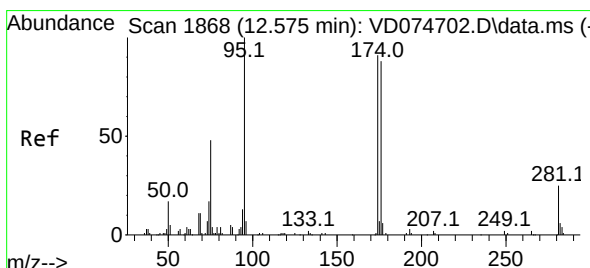
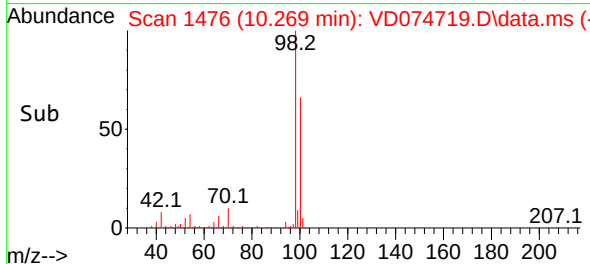
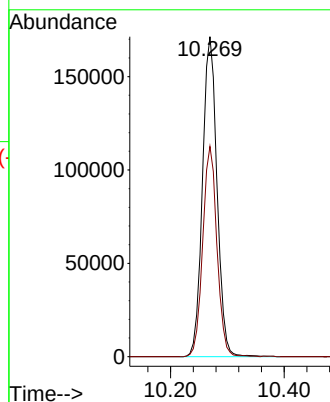
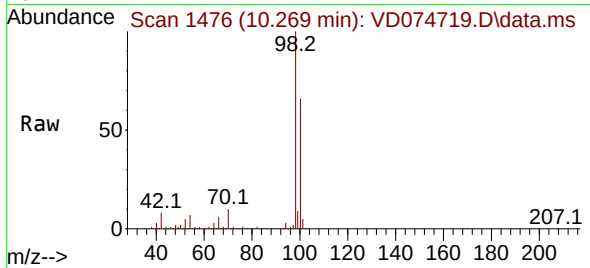




#50
Toluene-d8
Concen: 49.619 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074719.D
Acq: 03 Nov 2022 17:00

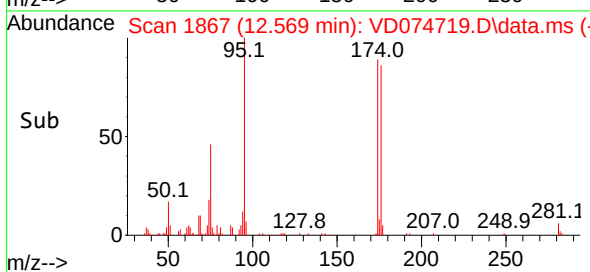
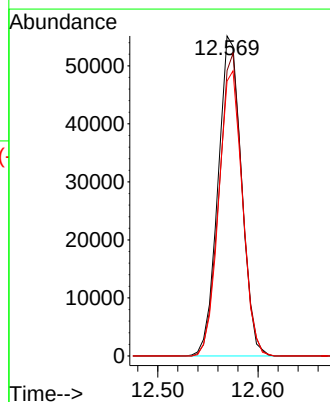
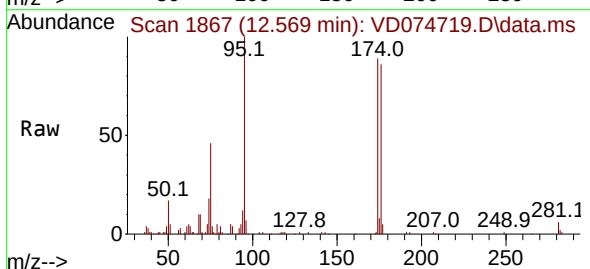
Instrument :
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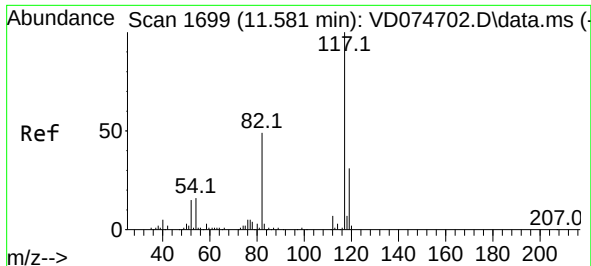
Tgt Ion: 98 Resp: 303843
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 50.635 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074719.D
Acq: 03 Nov 2022 17:00

Tgt Ion: 95 Resp: 89525
Ion Ratio Lower Upper
95 100
174 93.2 0.0 197.0
176 89.6 0.0 182.6

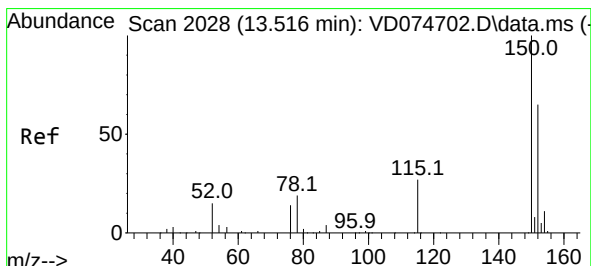
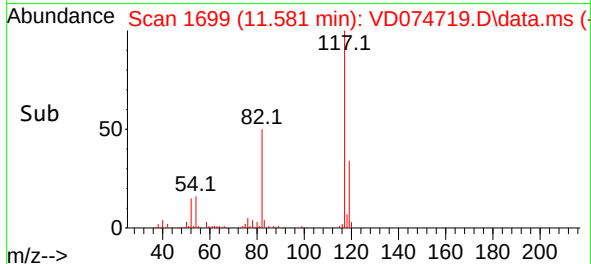
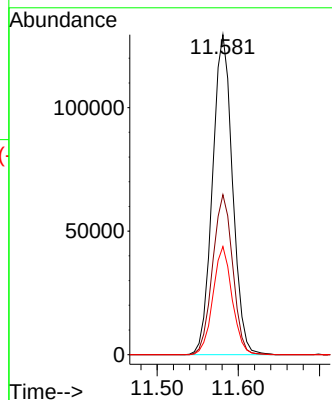
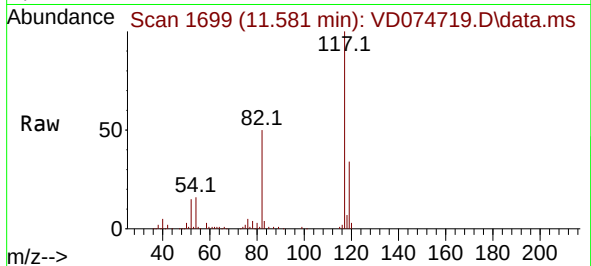




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074719.D
Acq: 03 Nov 2022 17:00

Instrument :
MSVOA_D
ClientSampleId :
TP-H

Tgt Ion:117 Resp: 221749
Ion Ratio Lower Upper
117 100
82 50.0 41.6 62.4
119 33.8 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: VD074719.D
Acq: 03 Nov 2022 17:00

Tgt Ion:152 Resp: 99579
Ion Ratio Lower Upper
152 100
115 54.5 26.8 80.4
150 154.8 0.0 348.2

