

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022223\
 Data File : VD075401.D
 Acq On : 22 Feb 2023 16:03
 Operator : KP/SY
 Sample : 01639-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-02212023

Quant Time: Feb 22 22:38:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	1470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	1457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	577	88.703	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 177.400%#	
35) Dibromofluoromethane	7.804	113	527	60.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.780%	
50) Toluene-d8	10.263	98	1706	54.170	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.340%	
62) 4-Bromofluorobenzene	12.586	95	555	52.482	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.960%	

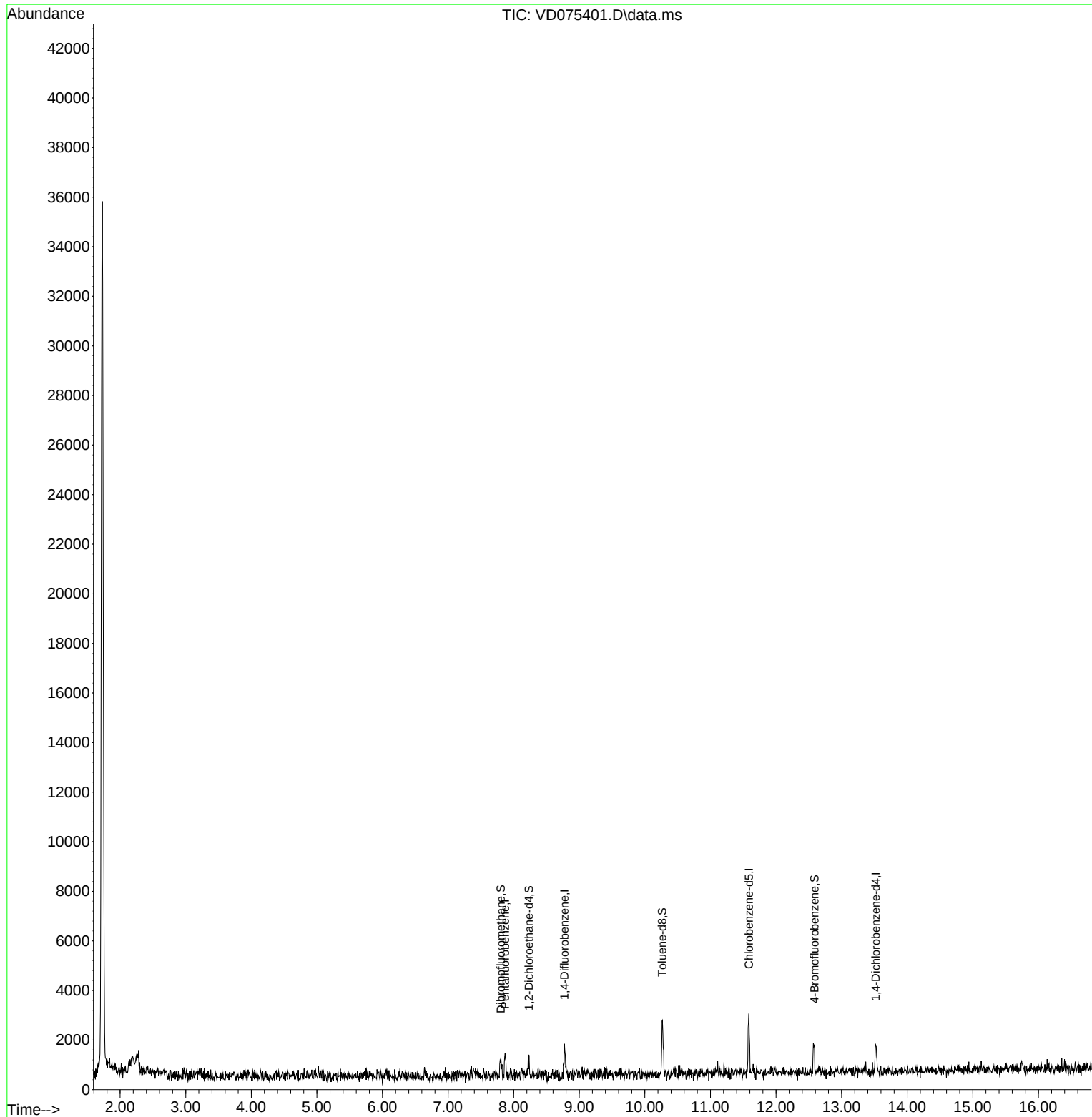
Target Compounds	Qvalue

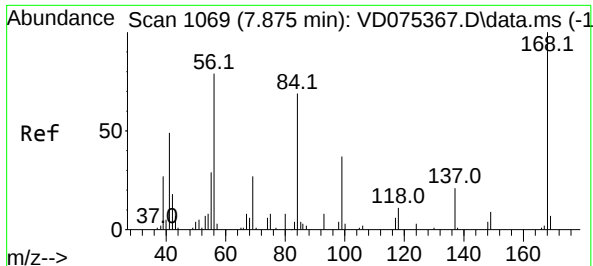
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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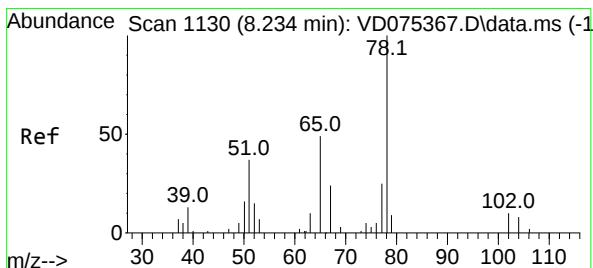
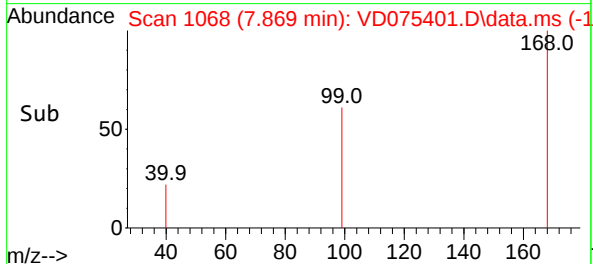
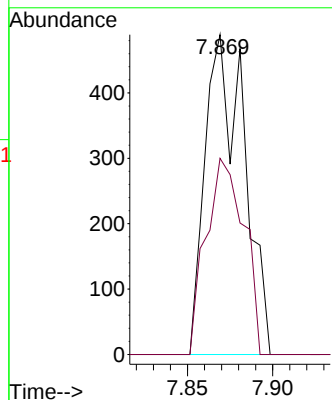
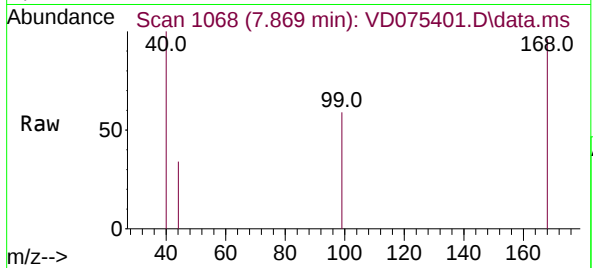




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD075401.D
Acq: 22 Feb 2023 16:03

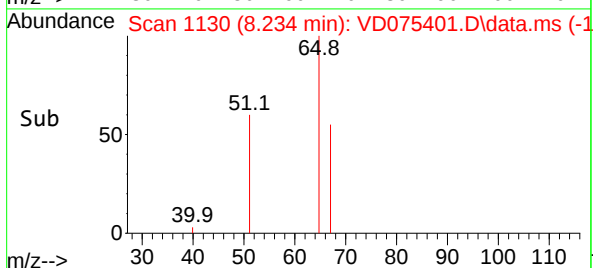
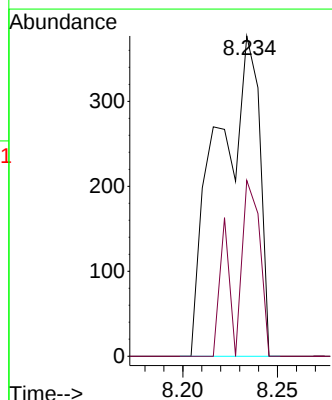
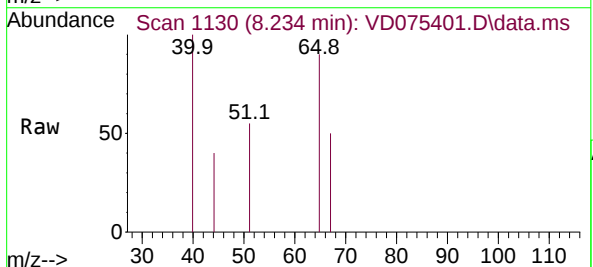
Instrument :
MSVOA_D
ClientSampleId :
TR-05-02212023

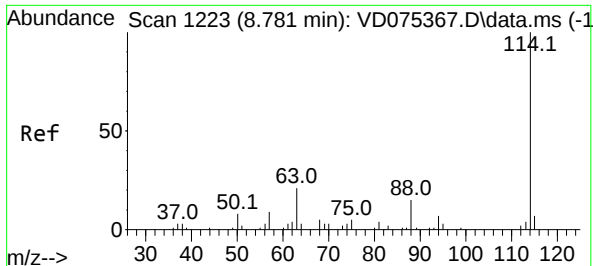
Tgt Ion:168 Resp: 777
Ion Ratio Lower Upper
168 100
99 61.3 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 88.703 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075401.D
Acq: 22 Feb 2023 16:03

Tgt Ion: 65 Resp: 577
Ion Ratio Lower Upper
65 100
67 32.9 0.0 102.2

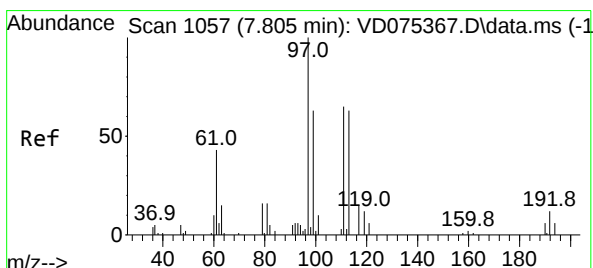
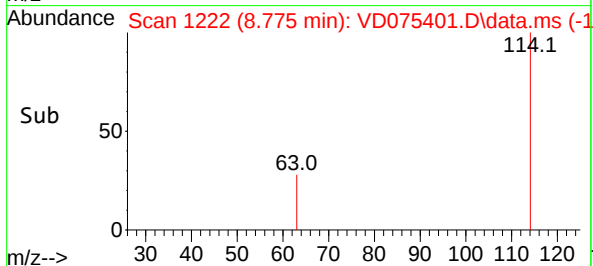
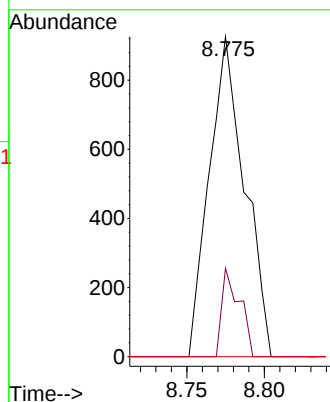
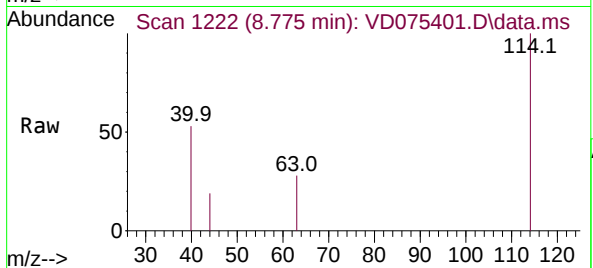




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075401.D
Acq: 22 Feb 2023 16:03

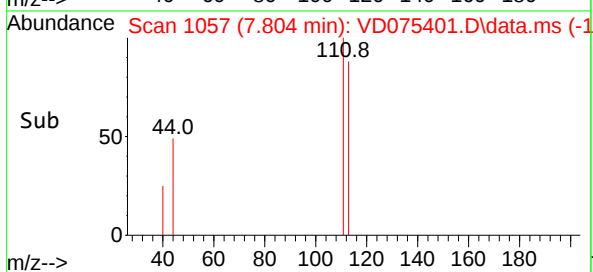
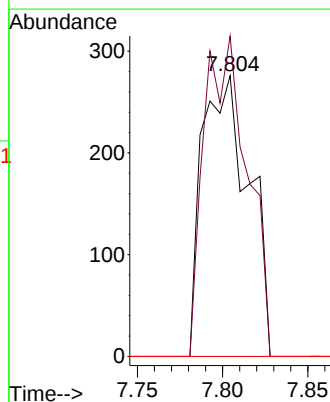
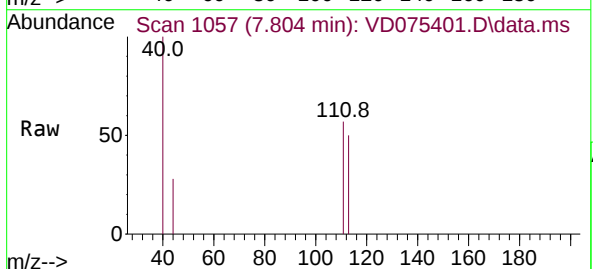
Instrument :
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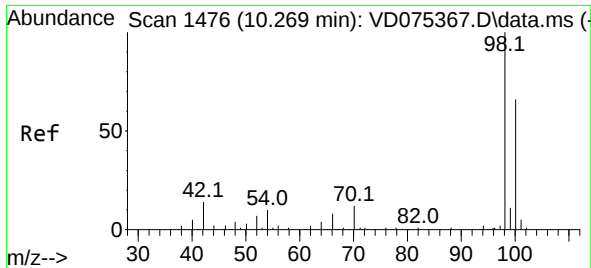
Tgt Ion:114 Resp: 1470
Ion Ratio Lower Upper
114 100
63 27.6 0.0 41.6
88 0.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 60.390 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075401.D
Acq: 22 Feb 2023 16:03

Tgt Ion:113 Resp: 527
Ion Ratio Lower Upper
113 100
111 105.3 81.4 122.0
192 0.0 15.2 22.8#

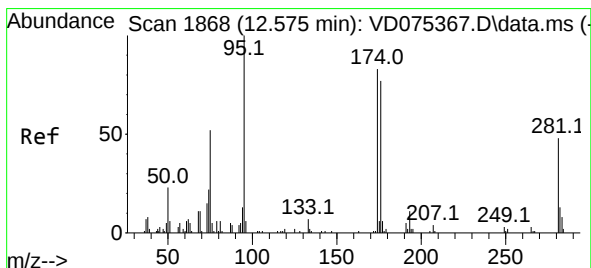
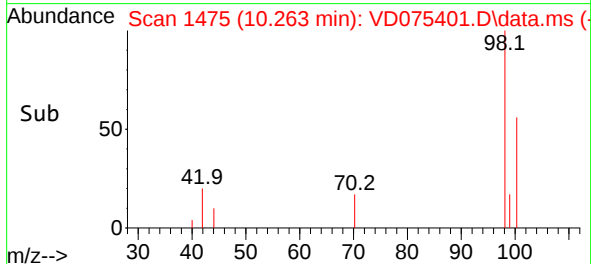
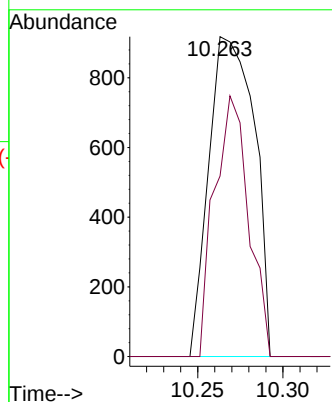
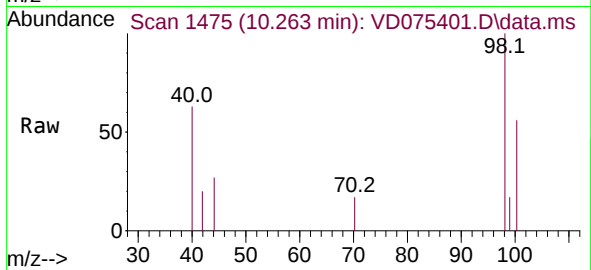




#50
Toluene-d8
Concen: 54.170 ug/l
RT: 10.263 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VD075401.D
Acq: 22 Feb 2023 16:03

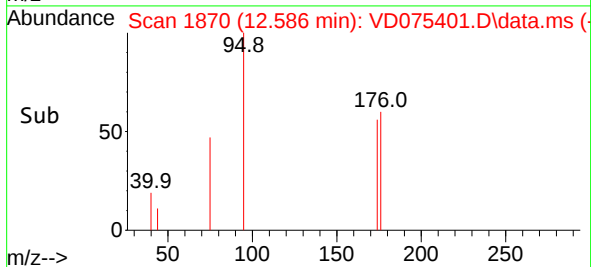
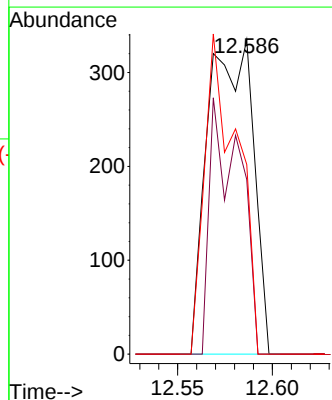
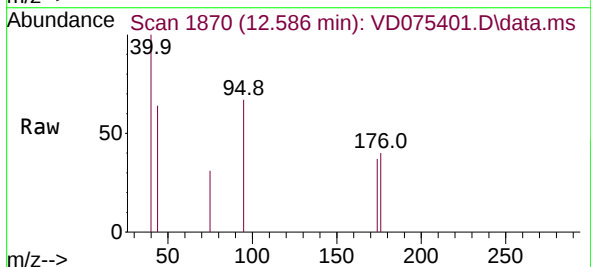
Instrument :
MSVOA_D
ClientSampleId :
TR-05-02212023

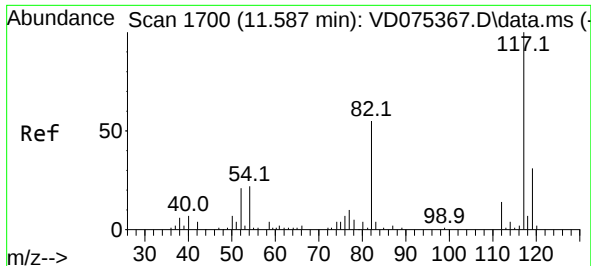
Tgt Ion: 98 Resp: 1706
Ion Ratio Lower Upper
98 100
100 61.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 52.482 ug/l
RT: 12.586 min Scan# 1870
Delta R.T. 0.011 min
Lab File: VD075401.D
Acq: 22 Feb 2023 16:03

Tgt Ion: 95 Resp: 555
Ion Ratio Lower Upper
95 100
174 54.4 0.0 164.0
176 73.7 0.0 156.8

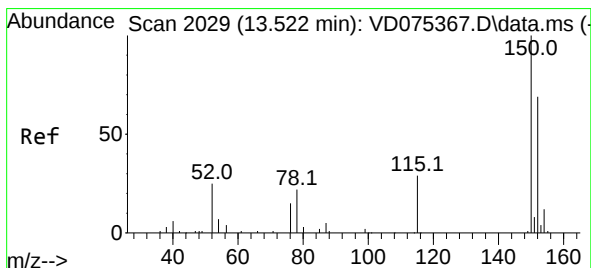
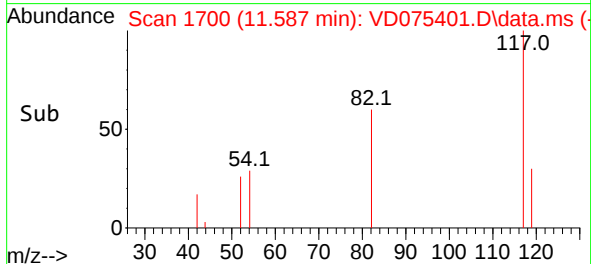
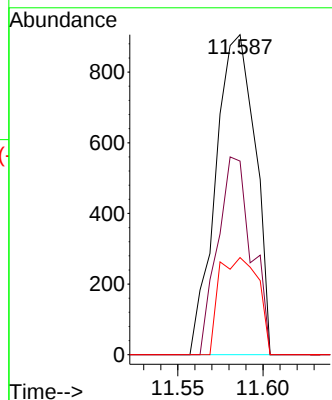
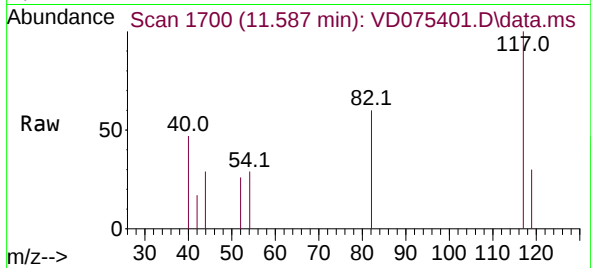




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075401.D
Acq: 22 Feb 2023 16:03

Instrument :
MSVOA_D
ClientSampleId :
TR-05-02212023

Tgt Ion:117 Resp: 1457
Ion Ratio Lower Upper
117 100
82 60.5 44.0 66.0
119 30.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075401.D
Acq: 22 Feb 2023 16:03

Tgt Ion:152 Resp: 431
Ion Ratio Lower Upper
152 100
115 31.3 30.1 90.3
150 206.0 0.0 364.8

