

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075159.D
 Acq On : 20 Jan 2023 17:54
 Operator : KP/SY
 Sample : 01233-06
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P37A

Quant Time: Jan 23 00:33:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	1006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	2086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	2256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	926	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	1191	116.020	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	232.040%#
35) Dibromofluoromethane	7.805	113	662	52.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.040%
50) Toluene-d8	10.269	98	2841	57.243	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.480%
62) 4-Bromofluorobenzene	12.581	95	1101	69.899	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	139.800%

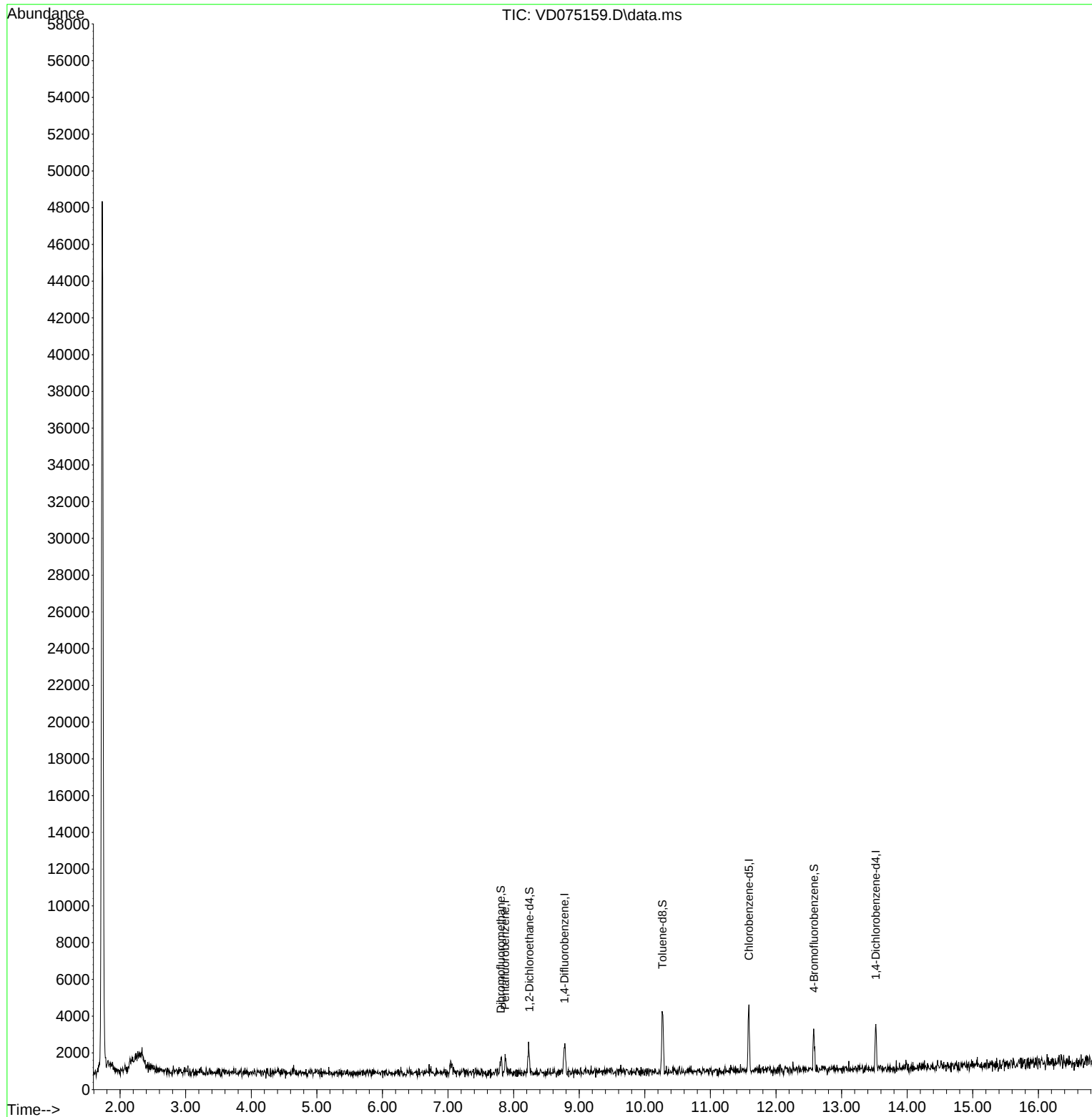
Target Compounds	Qvalue

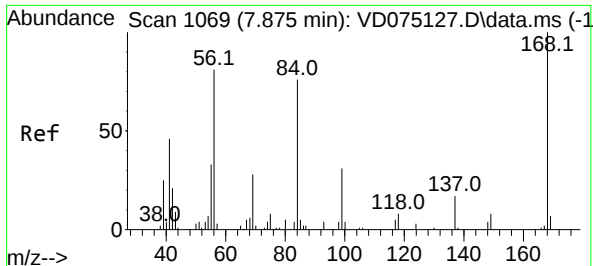
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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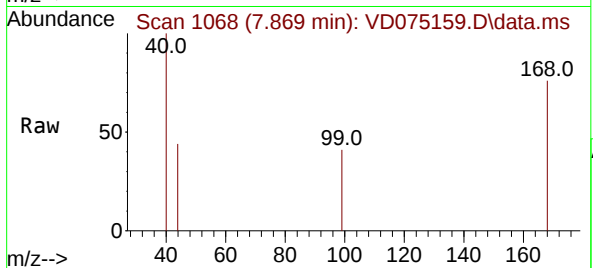
Quant Time: Jan 23 00:33:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
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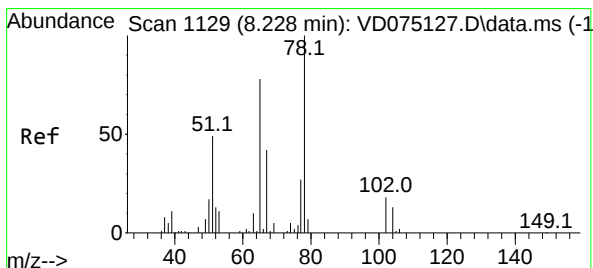
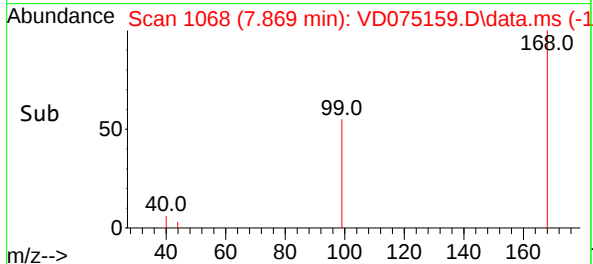
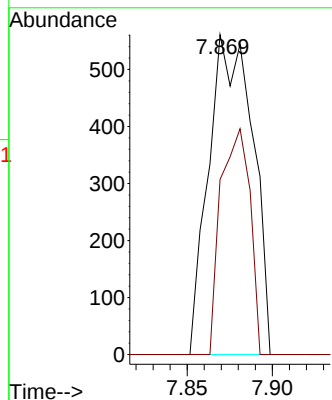


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD075159.D
Acq: 20 Jan 2023 17:54

Instrument :
MSVOA_D
ClientSampleId :
B-P37A

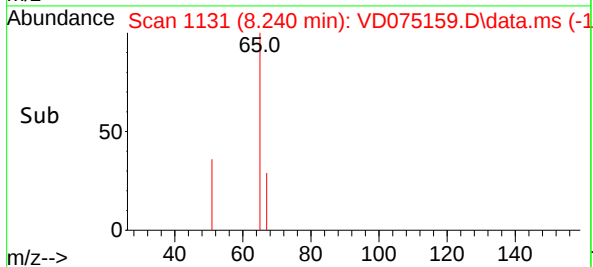
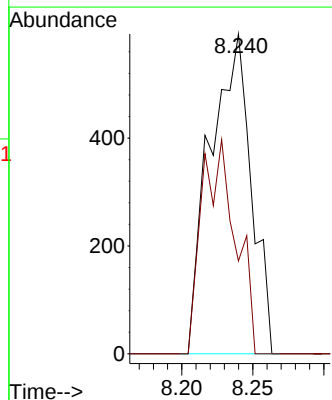
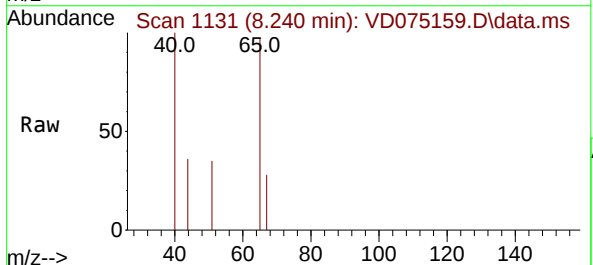


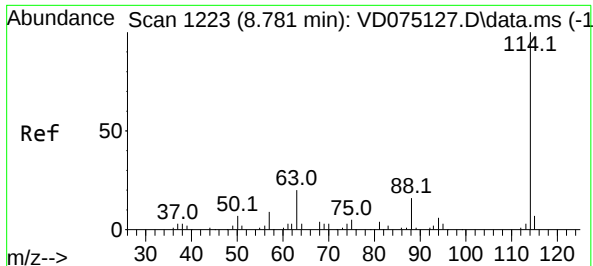
Tgt Ion:168 Resp: 1006
Ion Ratio Lower Upper
168 100
99 54.7 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 116.020 ug/l
RT: 8.240 min Scan# 1131
Delta R.T. 0.012 min
Lab File: VD075159.D
Acq: 20 Jan 2023 17:54

Tgt Ion: 65 Resp: 1191
Ion Ratio Lower Upper
65 100
67 55.2 0.0 105.2

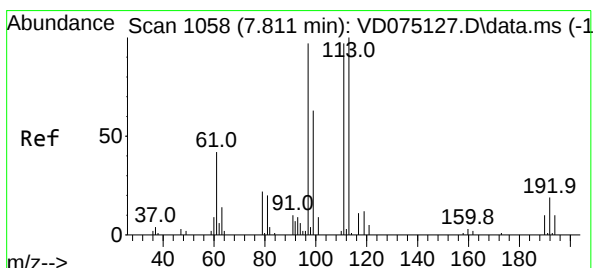
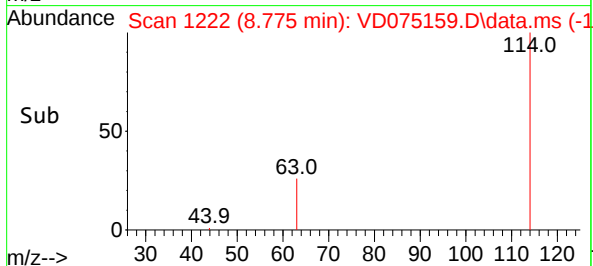
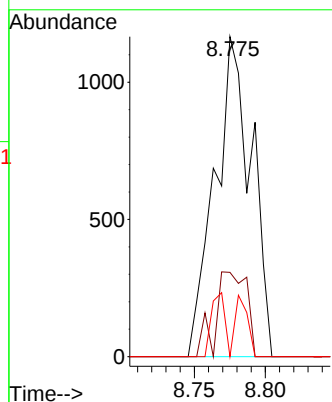
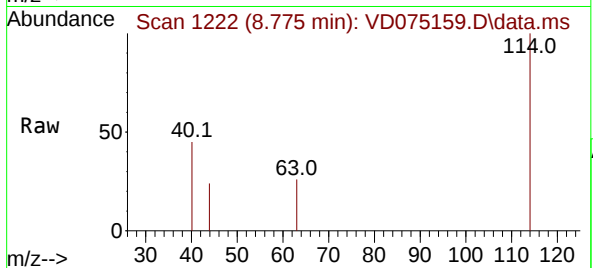




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075159.D
Acq: 20 Jan 2023 17:54

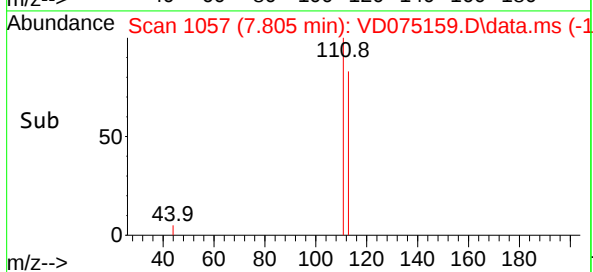
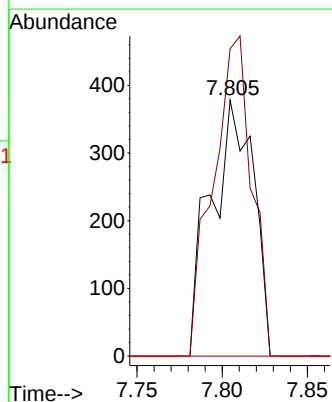
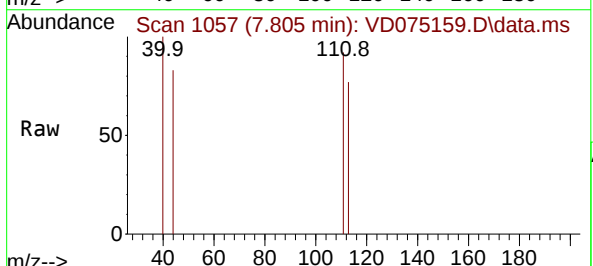
Instrument :
MSVOA_D
ClientSampleId :
B-P37A

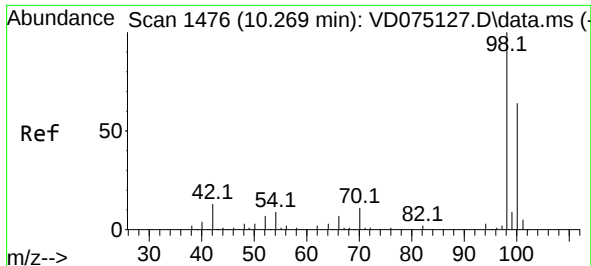
Tgt Ion:114	Resp:	2086
Ion	Ratio	Lower Upper
114	100	
63	26.3	0.0 40.2
88	0.0	0.0 32.2



#35
Dibromofluoromethane
Concen: 52.519 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075159.D
Acq: 20 Jan 2023 17:54

Tgt Ion:113	Resp:	662
Ion	Ratio	Lower Upper
113	100	
111	113.0	80.1 120.1
192	0.0	15.4 23.0#

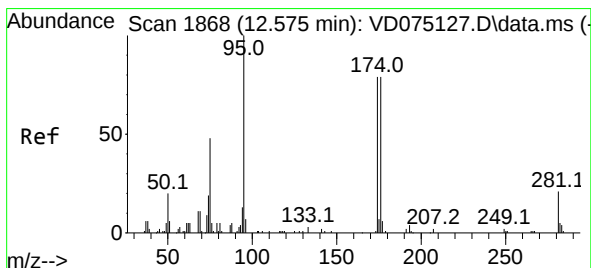
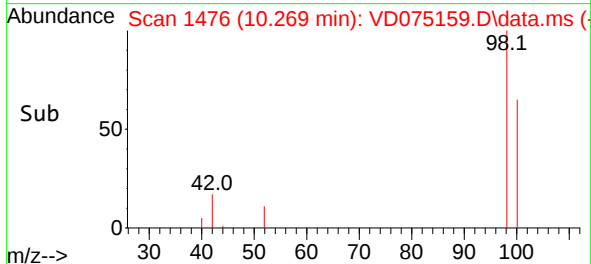
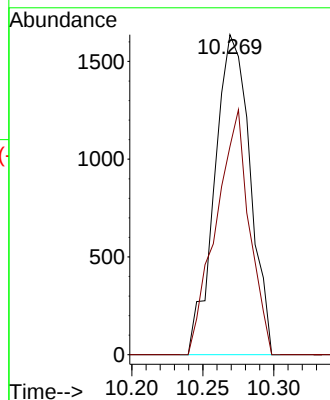
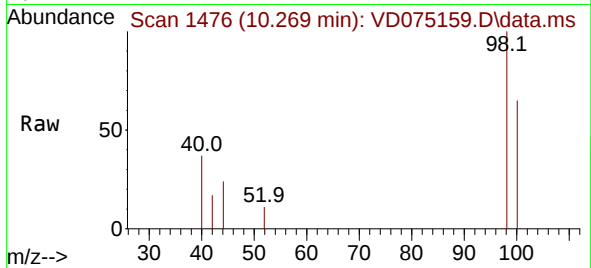




#50
Toluene-d8
Concen: 57.243 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075159.D
Acq: 20 Jan 2023 17:54

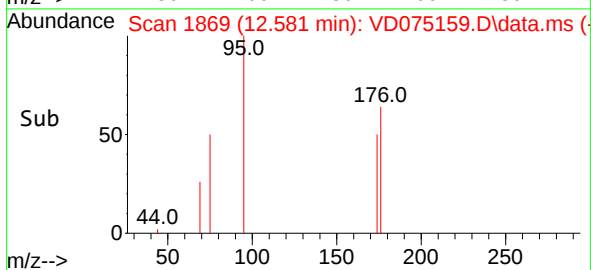
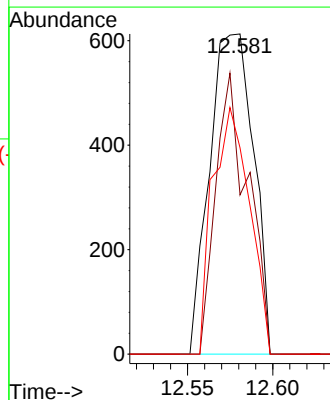
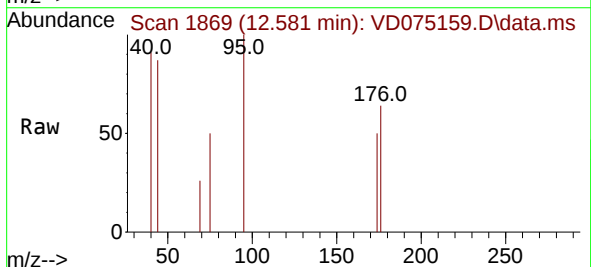
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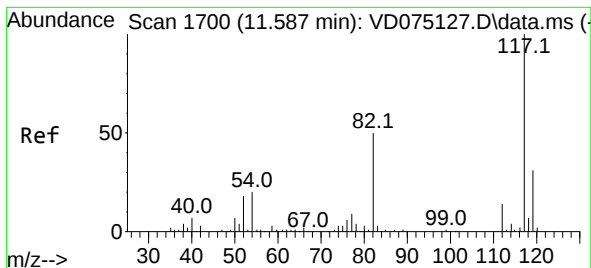
Tgt Ion: 98 Resp: 2841
Ion Ratio Lower Upper
98 100
100 72.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 69.899 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD075159.D
Acq: 20 Jan 2023 17:54

Tgt Ion: 95 Resp: 1101
Ion Ratio Lower Upper
95 100
174 64.7 0.0 161.2
176 64.4 0.0 160.2

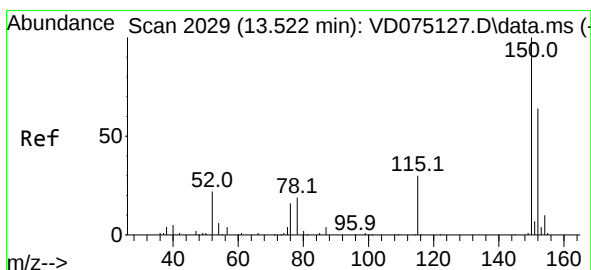
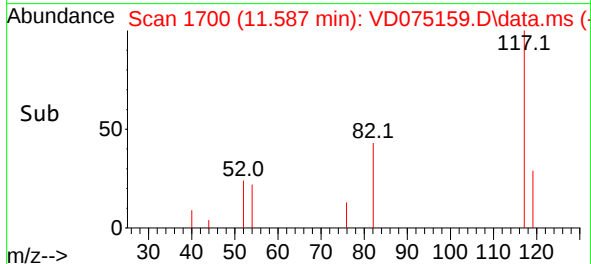
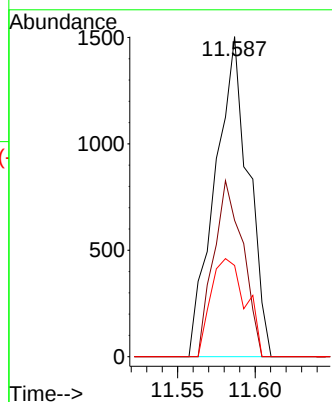
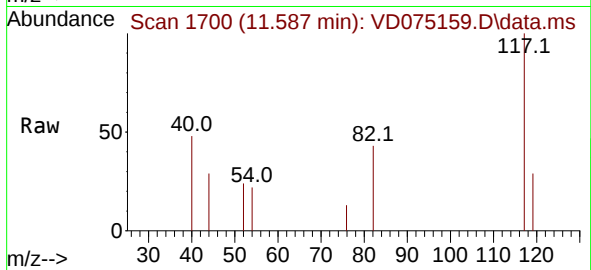




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075159.D
Acq: 20 Jan 2023 17:54

Instrument :
MSVOA_D
ClientSampleId :
B-P37A

Tgt Ion:117 Resp: 2256
Ion Ratio Lower Upper
117 100
82 42.6 39.6 59.4
119 28.5 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075159.D
Acq: 20 Jan 2023 17:54

Tgt Ion:152 Resp: 926
Ion Ratio Lower Upper
152 100
115 52.4 28.8 86.4
150 151.9 0.0 348.6

