

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
 Data File : VD075390.D
 Acq On : 21 Feb 2023 19:34
 Operator : KP/SY
 Sample : 01613-07RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW10-GW-908-910RE

Quant Time: Feb 22 00:54:44 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)

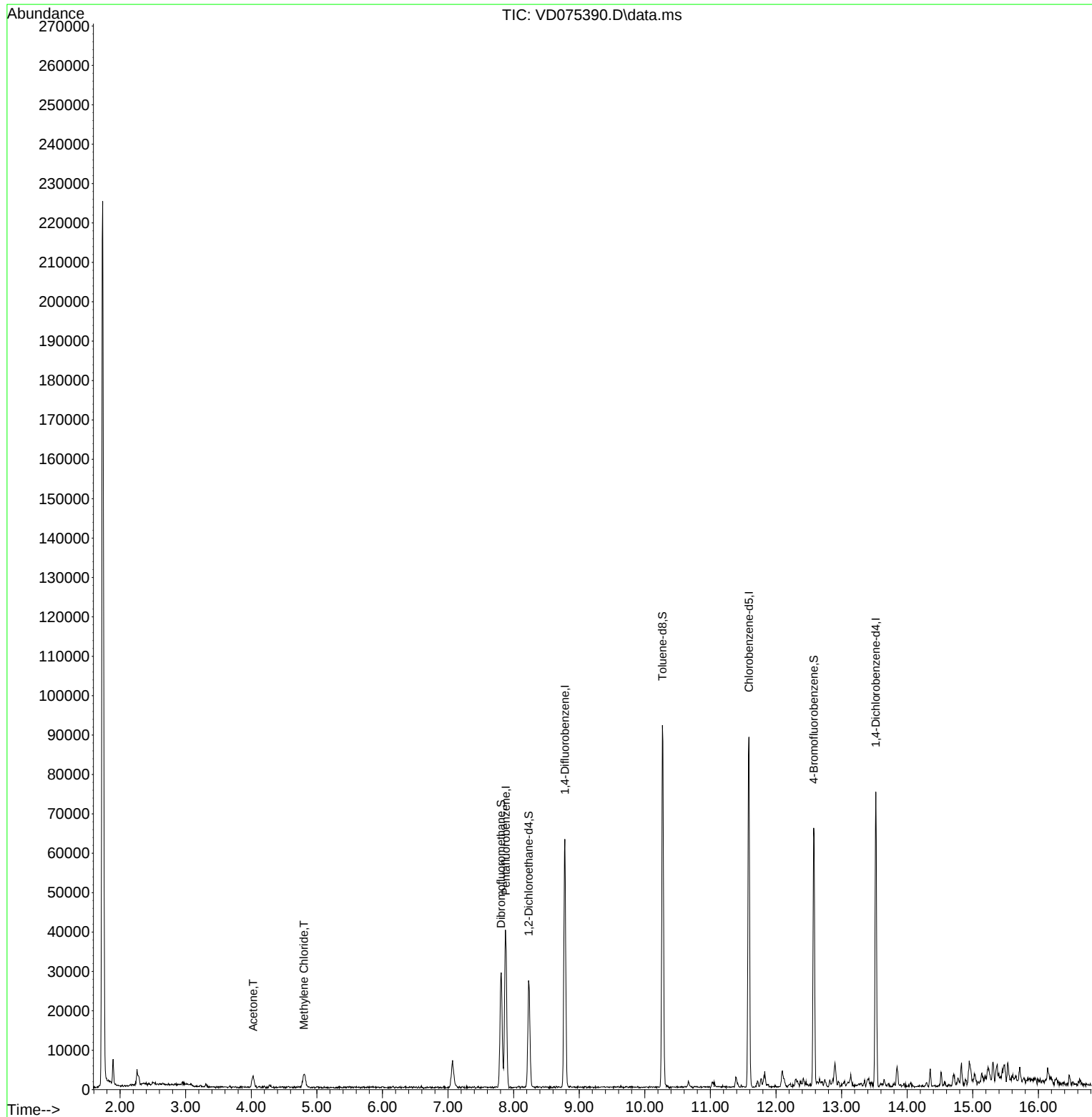
Internal Standards						
1) Pentafluorobenzene	7.881	168	30711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	52330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	49002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	18982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	21470	83.308	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 166.620%#	
35) Dibromofluoromethane	7.810	113	20661	66.508	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.020%	
50) Toluene-d8	10.269	98	61038	54.443	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.880%	
62) 4-Bromofluorobenzene	12.575	95	20419	54.240	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.480%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	4999	62.894	ug/l #	84
20) Methylene Chloride	4.805	84	2953	1.736	ug/l	92

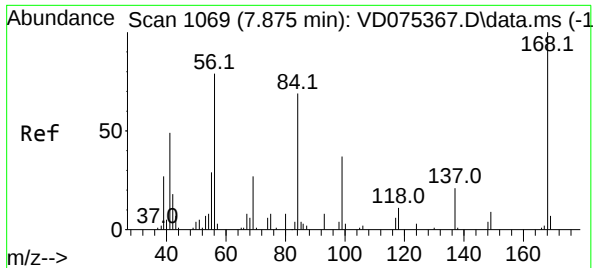
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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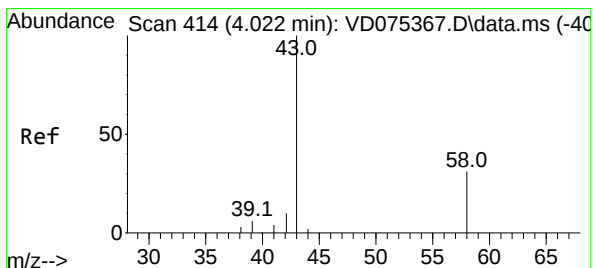
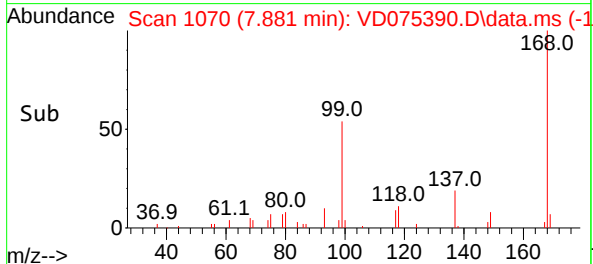
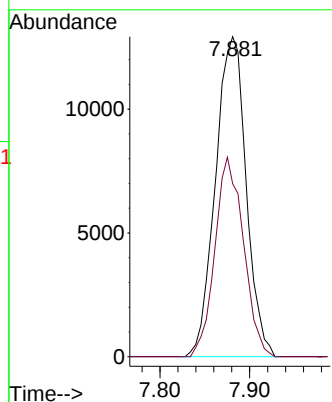
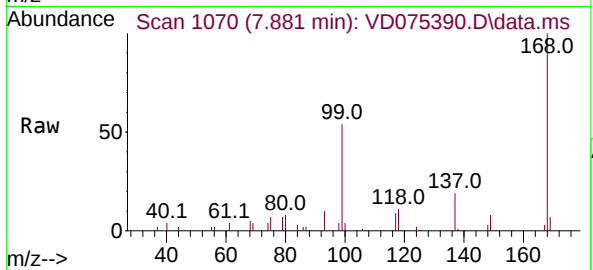




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

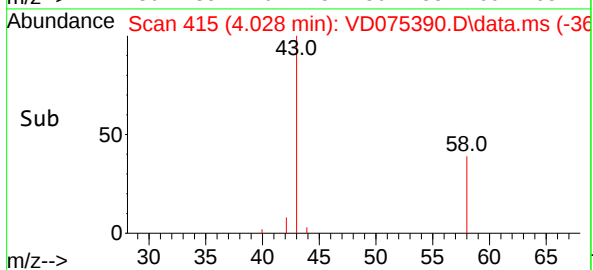
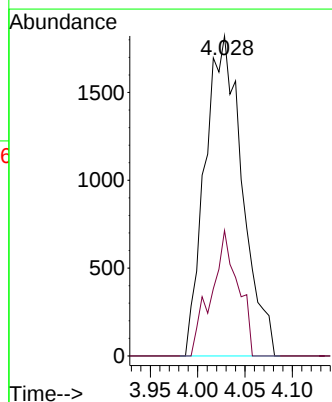
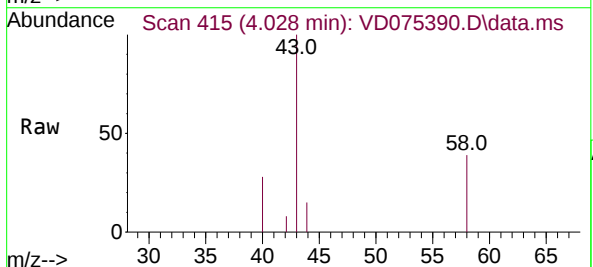
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-908-910RE

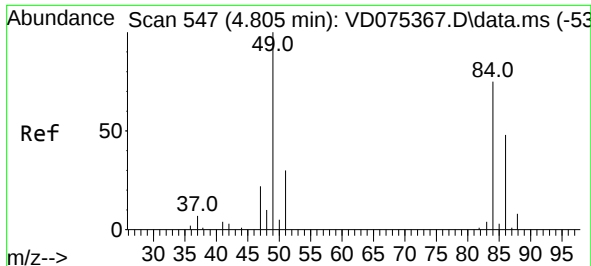
Tgt Ion:168 Resp: 30711
Ion Ratio Lower Upper
168 100
99 54.1 43.8 65.6



#16
Acetone
Concen: 62.894 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

Tgt Ion: 43 Resp: 4999
Ion Ratio Lower Upper
43 100
58 39.2 24.4 36.6#

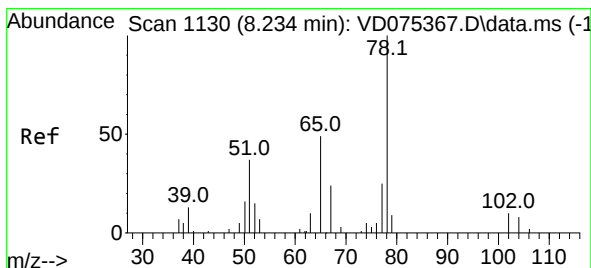
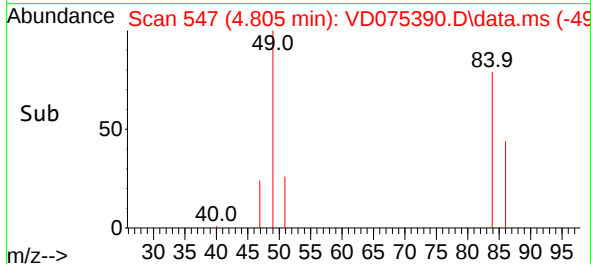
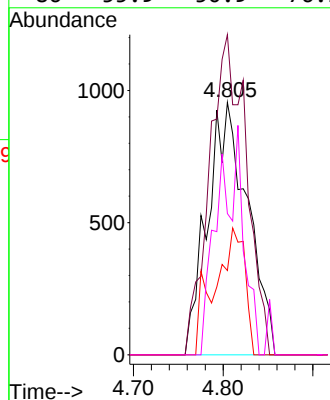
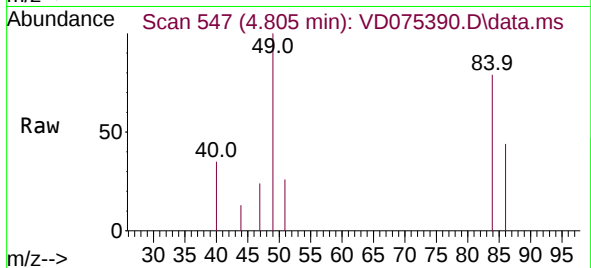




#20
Methylene Chloride
Concen: 1.736 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

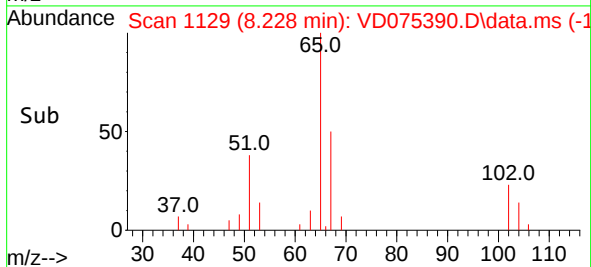
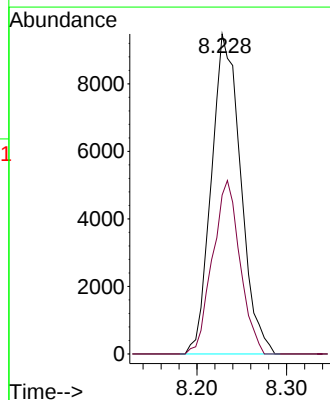
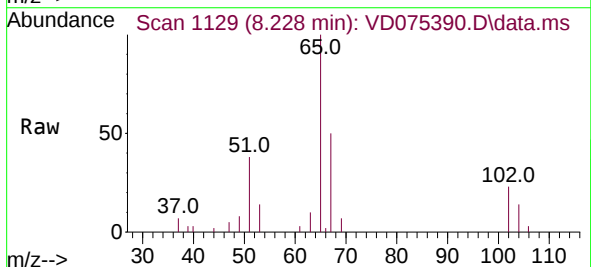
Instrument :
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ClientSampleId :
BP-VPB-RW10-GW-908-910RE

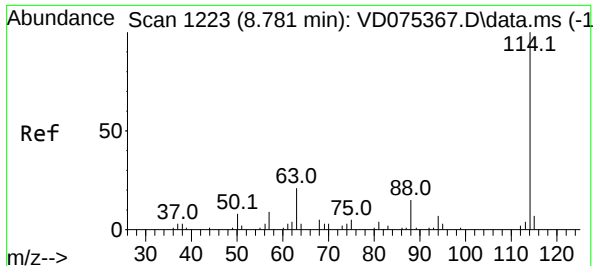
Tgt Ion: 84	Resp: 2953
Ion Ratio	Lower Upper
84 100	
49 126.8	106.4 159.6
51 33.4	32.4 48.6
86 55.9	50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 83.308 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

Tgt Ion: 65	Resp: 21470
Ion Ratio	Lower Upper
65 100	
67 50.7	0.0 102.2

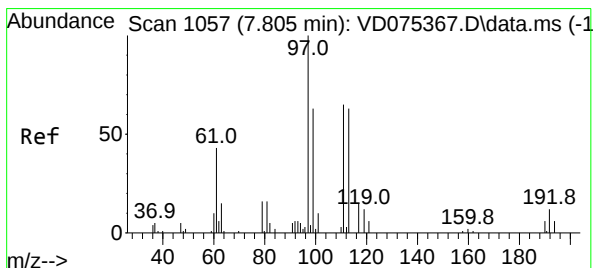
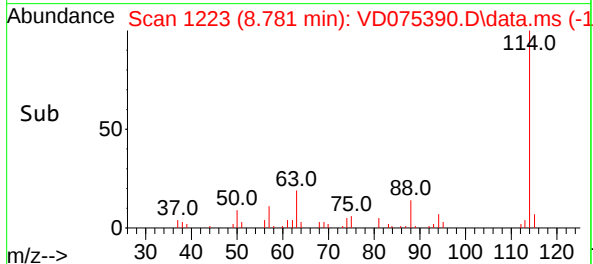
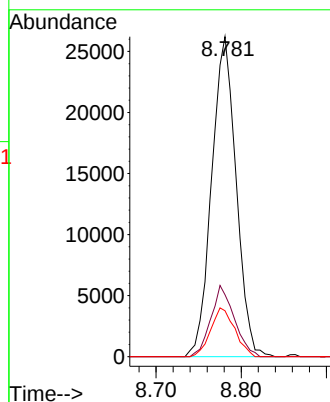
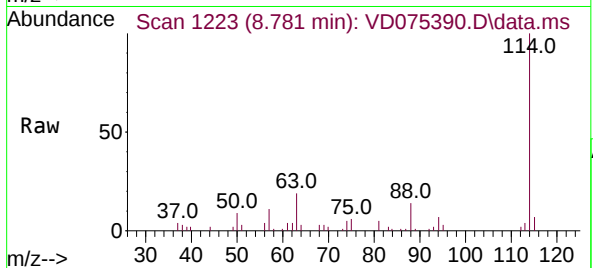




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

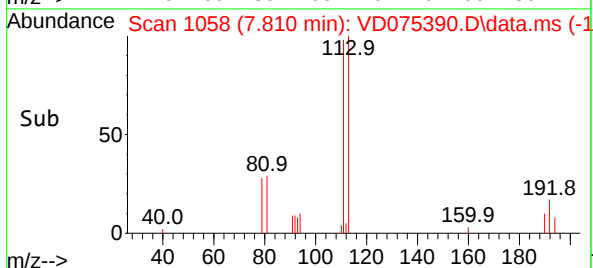
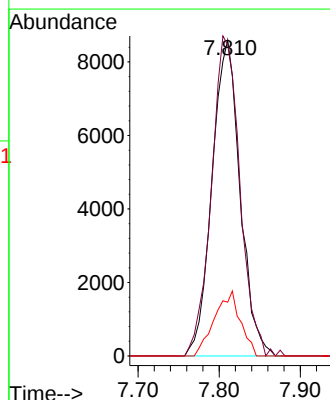
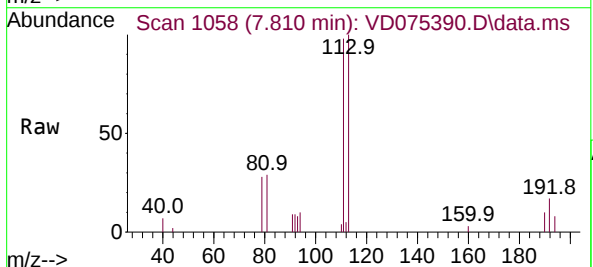
Instrument :
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BP-VPB-RW10-GW-908-910RE

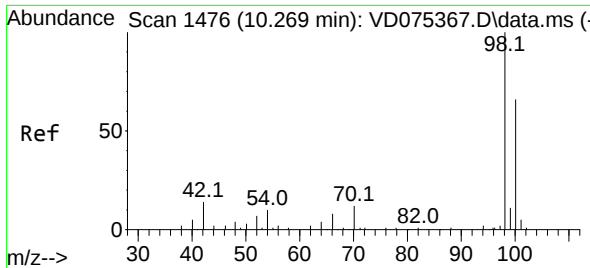
Tgt Ion:114	Resp:	52330
Ion Ratio	Lower	Upper
114	100	
63	19.4	0.0 41.6
88	14.4	0.0 30.6



#35
Dibromofluoromethane
Concen: 66.508 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

Tgt Ion:113	Resp:	20661
Ion Ratio	Lower	Upper
113	100	
111	102.8	81.4 122.0
192	18.9	15.2 22.8

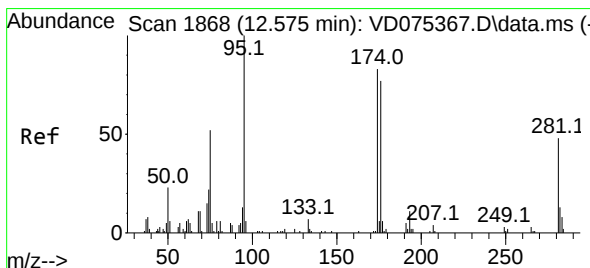
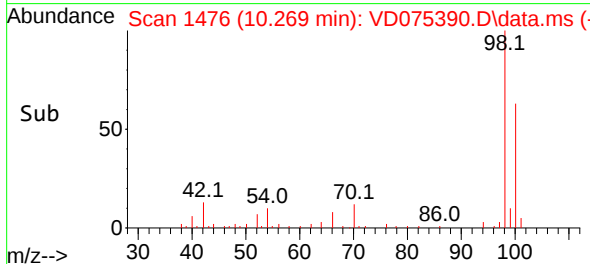
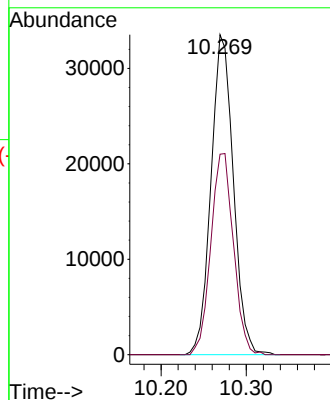
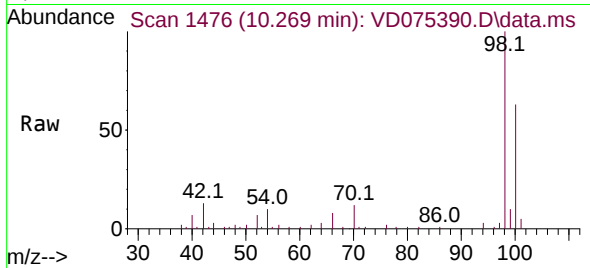




#50
Toluene-d8
Concen: 54.443 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

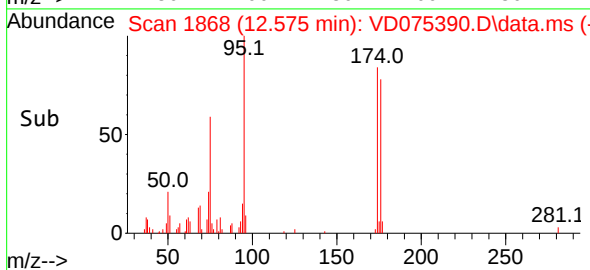
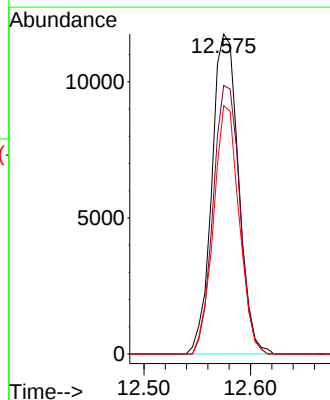
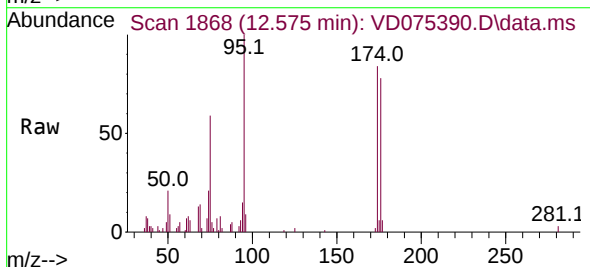
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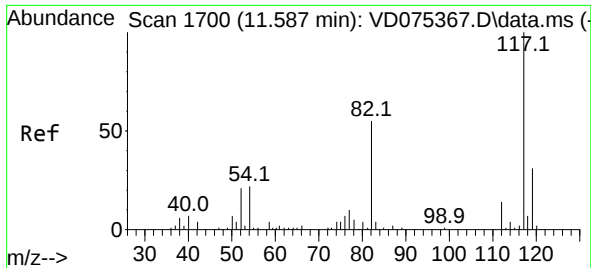
Tgt Ion: 98 Resp: 61038
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 54.240 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

Tgt Ion: 95 Resp: 20419
Ion Ratio Lower Upper
95 100
174 83.3 0.0 164.0
176 74.7 0.0 156.8

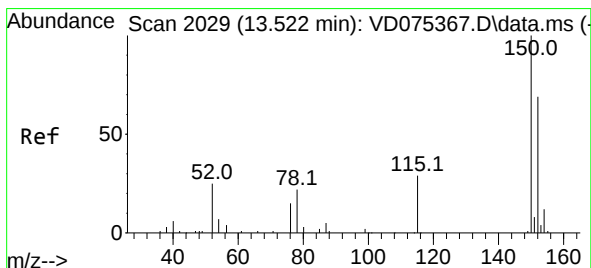
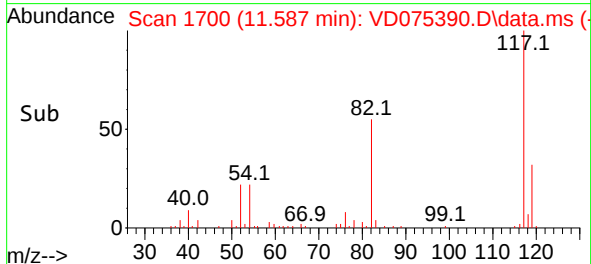
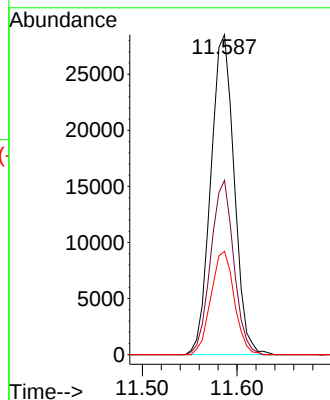
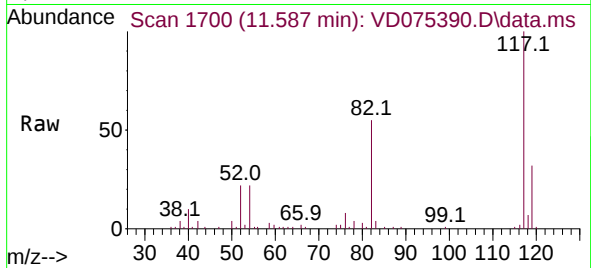




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-908-910RE

Tgt Ion:117 Resp: 49002
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 32.3 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: VD075390.D
Acq: 21 Feb 2023 19:34

Tgt Ion:152 Resp: 18982
Ion Ratio Lower Upper
152 100
115 57.9 30.1 90.3
150 152.9 0.0 364.8

