

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
 Data File : VD076255.D
 Acq On : 26 May 2023 13:13
 Operator : KP/SY
 Sample : 02944-17
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW11-GW-418-420

Quant Time: May 26 16:05:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

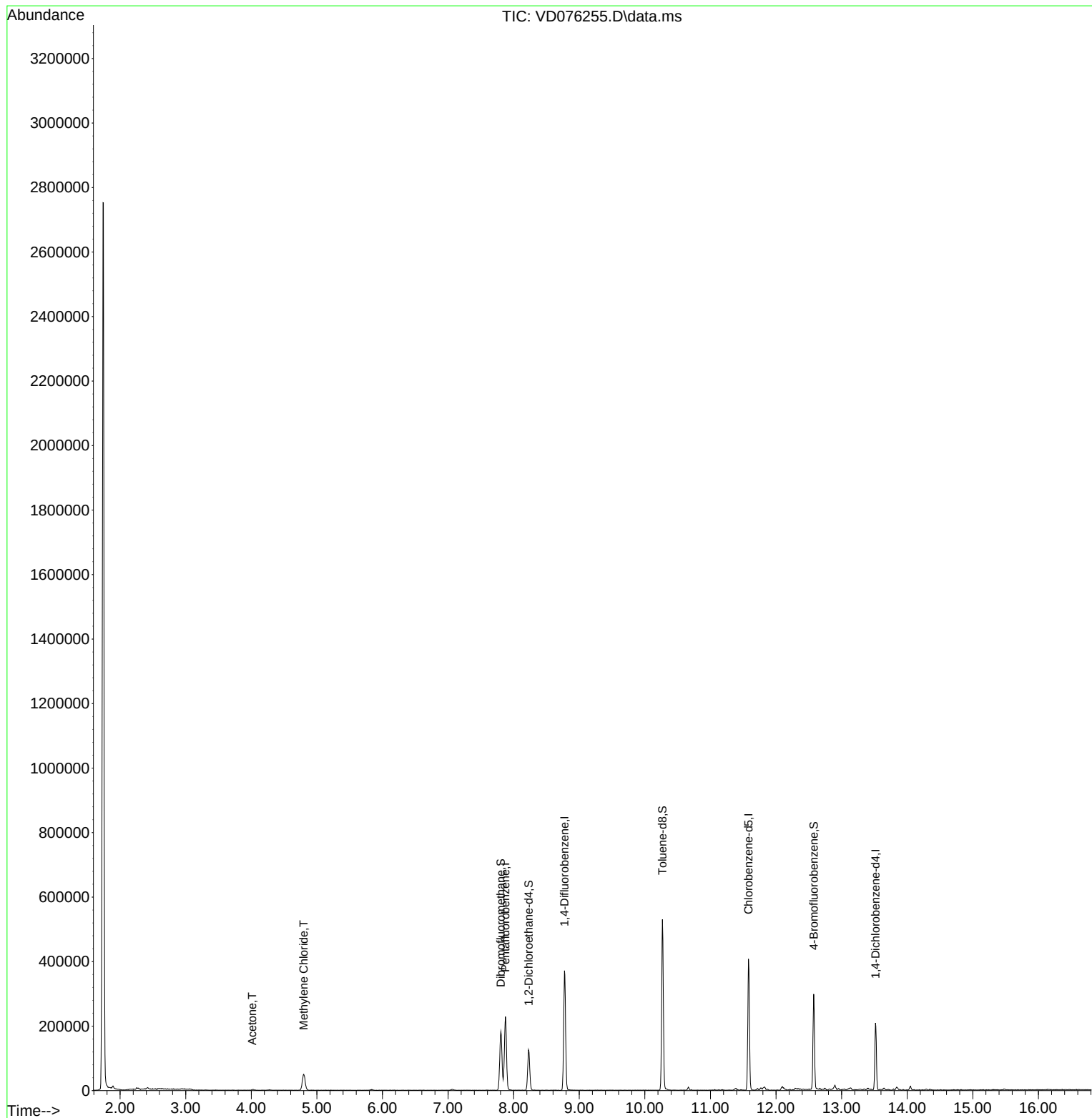
Internal Standards						
1) Pentafluorobenzene	7.875	168	188933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	358279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	258600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	58648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93043	50.955	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	101.900%	
35) Dibromofluoromethane	7.804	113	133942	54.085	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	108.180%	
50) Toluene-d8	10.269	98	389823	40.379	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	80.760%	
62) 4-Bromofluorobenzene	12.575	95	88432	32.976	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	65.960%	
Target Compounds						
						Qvalue
16) Acetone	4.016	43	4595	12.648	ug/l	95
20) Methylene Chloride	4.799	84	43340	7.341	ug/l #	76

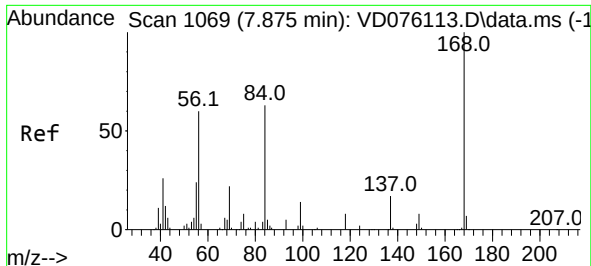
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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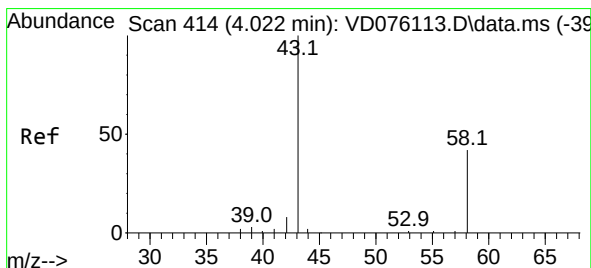
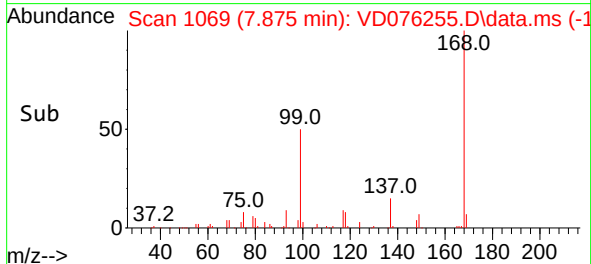
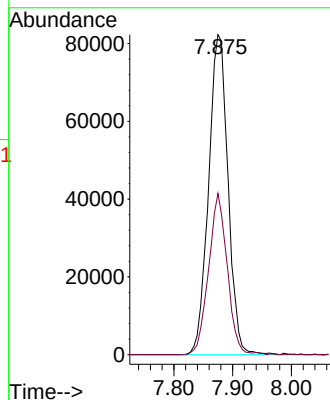
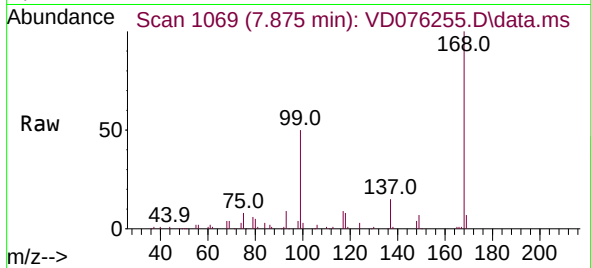




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076255.D
Acq: 26 May 2023 13:13

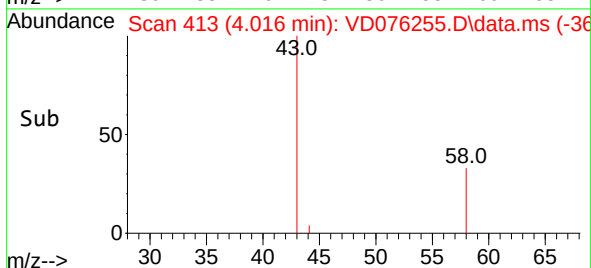
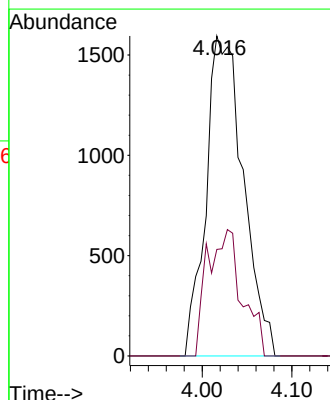
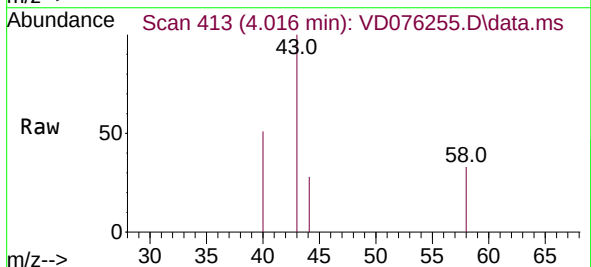
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-418-420

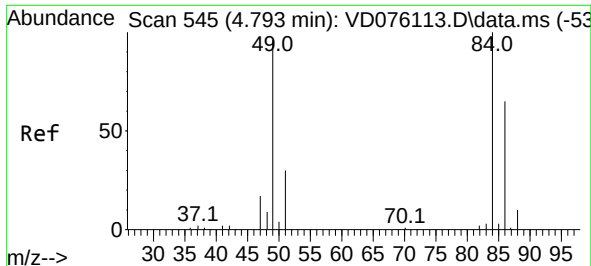
Tgt Ion:168 Resp: 188933
Ion Ratio Lower Upper
168 100
99 50.4 43.8 65.6



#16
Acetone
Concen: 12.648 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076255.D
Acq: 26 May 2023 13:13

Tgt Ion: 43 Resp: 4595
Ion Ratio Lower Upper
43 100
58 33.3 24.4 36.6



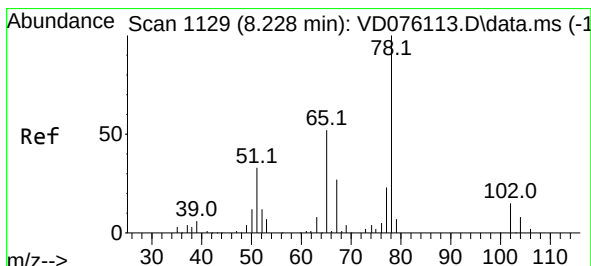
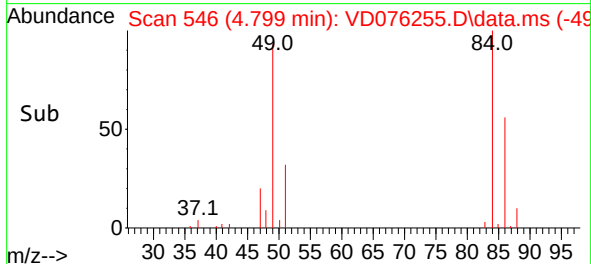
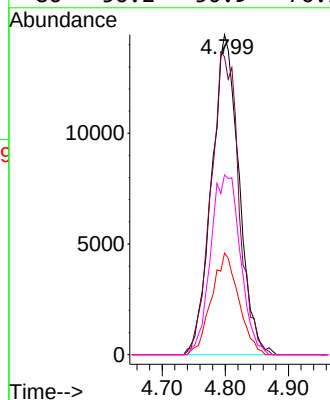
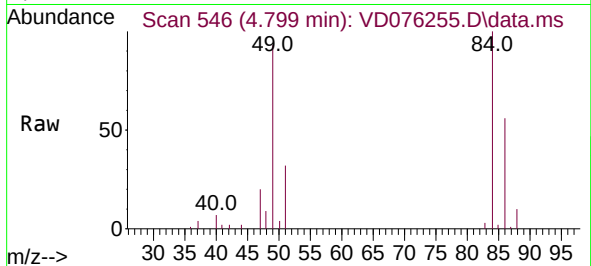


#20
Methylene Chloride
Concen: 7.341 ug/l
RT: 4.799 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD076255.D
Acq: 26 May 2023 13:13

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-418-420

Tgt Ion: 84 Resp: 43340

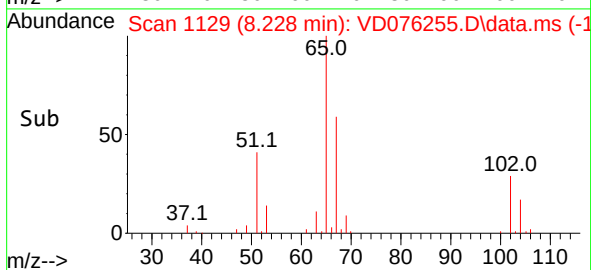
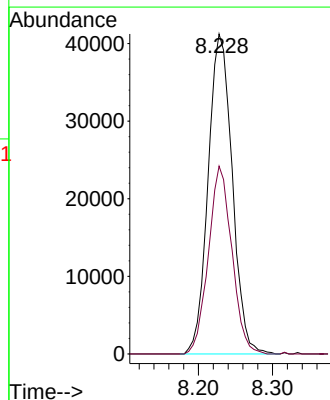
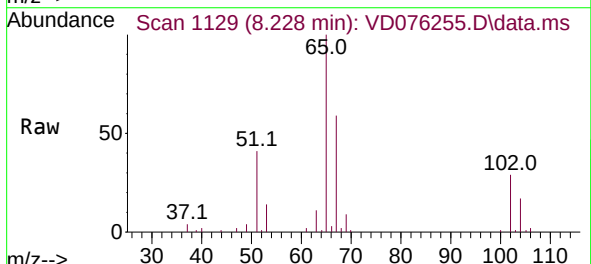
Ion	Ratio	Lower	Upper
84	100		
49	93.1	106.4	159.6#
51	31.8	32.4	48.6#
86	56.2	50.9	76.3

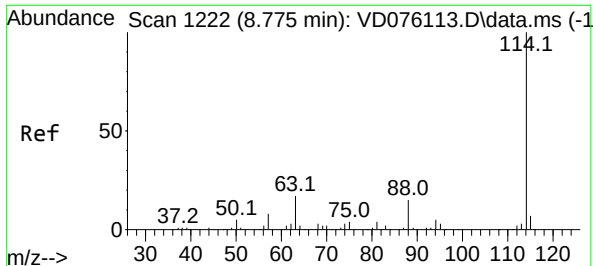


#33
1,2-Dichloroethane-d4
Concen: 50.955 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076255.D
Acq: 26 May 2023 13:13

Tgt Ion: 65 Resp: 93043

Ion	Ratio	Lower	Upper
65	100		
67	57.2	0.0	102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076255.D

Acq: 26 May 2023 13:13

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-RW11-GW-418-420

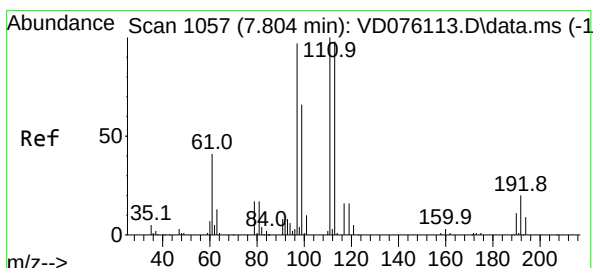
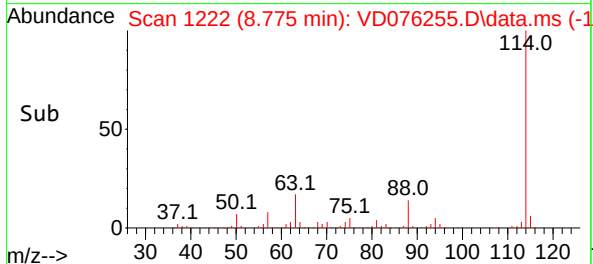
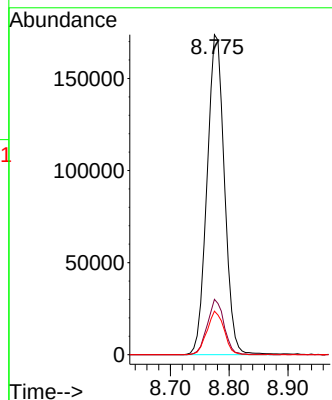
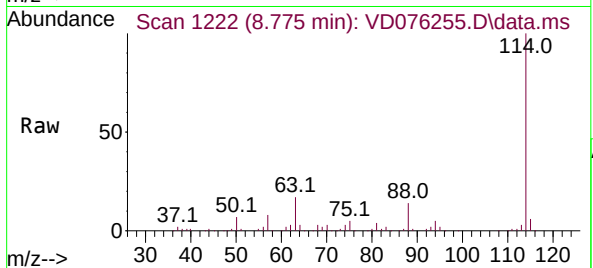
Tgt Ion:114 Resp: 358279

Ion Ratio Lower Upper

114 100

63 17.3 0.0 41.6

88 13.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.085 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076255.D

Acq: 26 May 2023 13:13

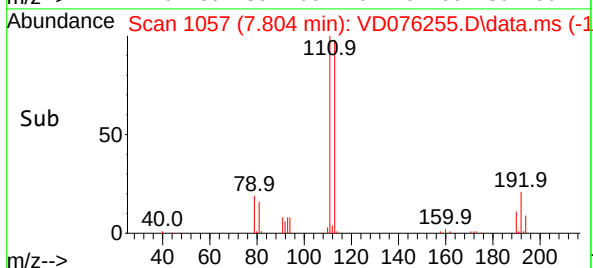
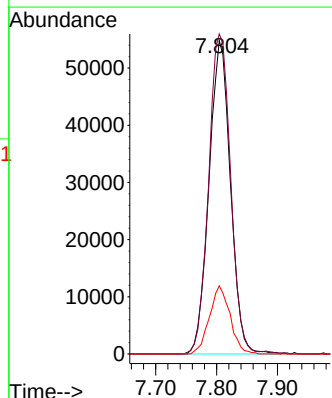
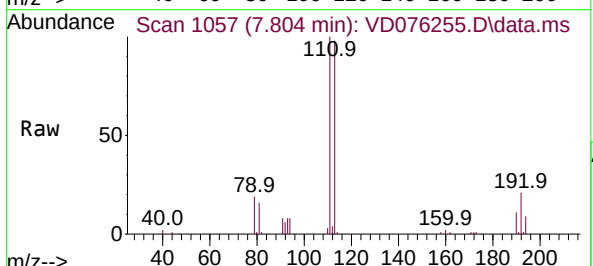
Tgt Ion:113 Resp: 133942

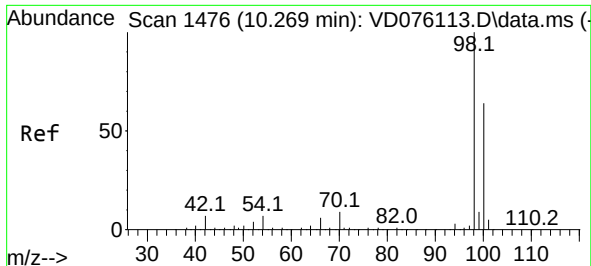
Ion Ratio Lower Upper

113 100

111 104.9 81.4 122.0

192 20.9 15.2 22.8

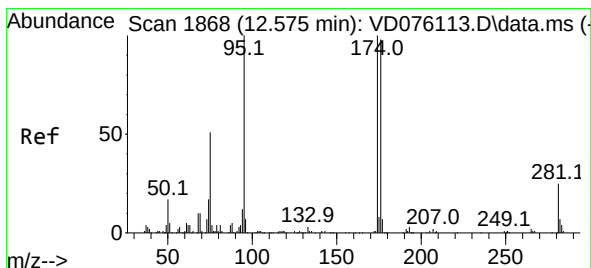
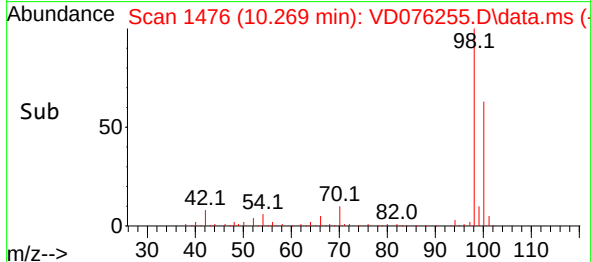
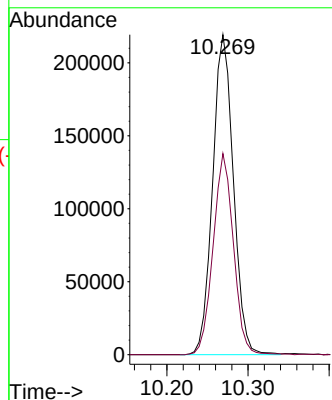
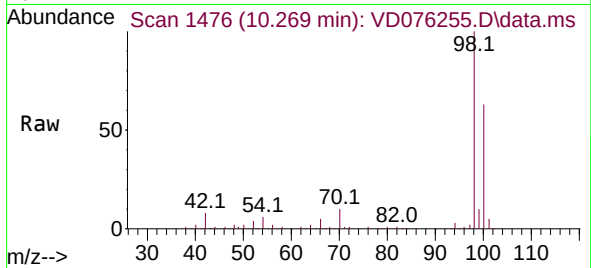




#50
Toluene-d8
Concen: 40.379 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076255.D
Acq: 26 May 2023 13:13

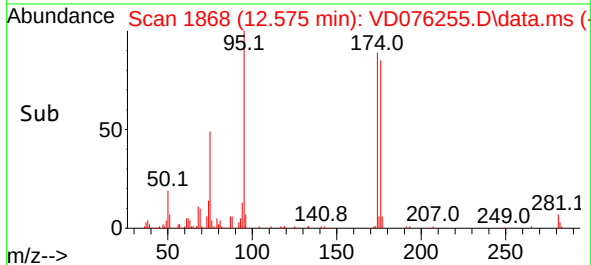
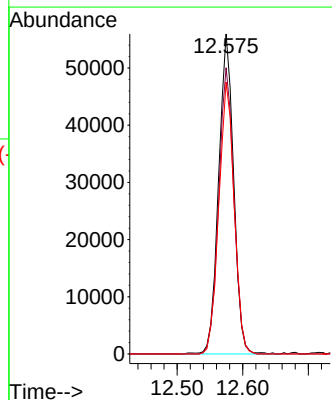
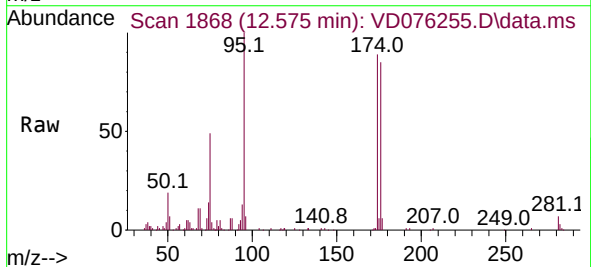
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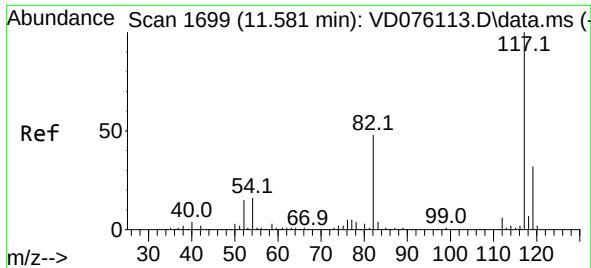
Tgt Ion: 98 Resp: 389823
Ion Ratio Lower Upper
98 100
100 61.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 32.976 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076255.D
Acq: 26 May 2023 13:13

Tgt Ion: 95 Resp: 88432
Ion Ratio Lower Upper
95 100
174 90.6 0.0 164.0
176 86.8 0.0 156.8

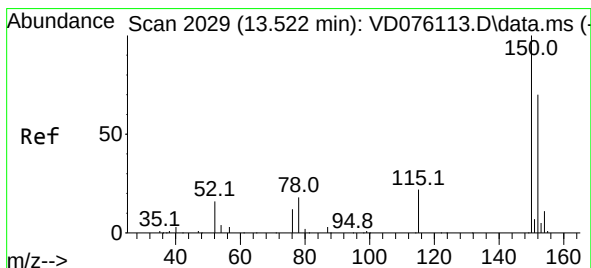
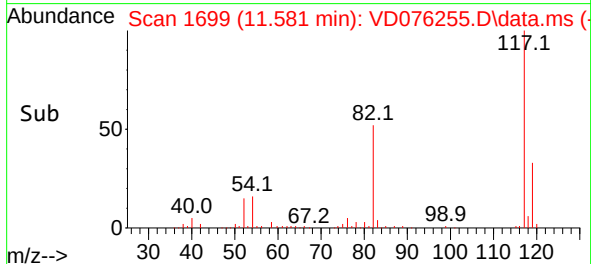
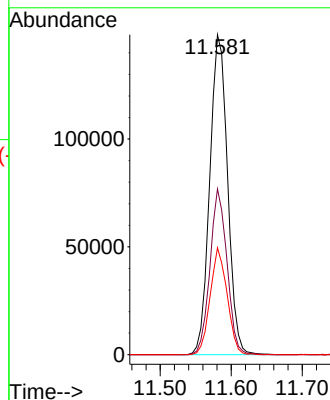
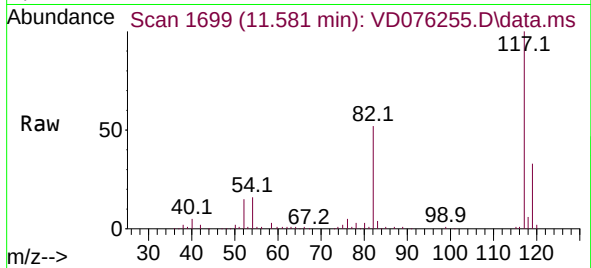




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076255.D
Acq: 26 May 2023 13:13

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-418-420

Tgt Ion:117 Resp: 258600
Ion Ratio Lower Upper
117 100
82 51.8 44.0 66.0
119 33.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076255.D
Acq: 26 May 2023 13:13

Tgt Ion:152 Resp: 58648
Ion Ratio Lower Upper
152 100
115 54.3 30.1 90.3
150 159.6 0.0 364.8

