

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022122\
 Data File : VD072036.D
 Acq On : 21 Feb 2022 16:58
 Operator : VA/SY
 Sample : N1626-07
 Misc : 7.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-A4

Quant Time: Feb 22 01:06:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

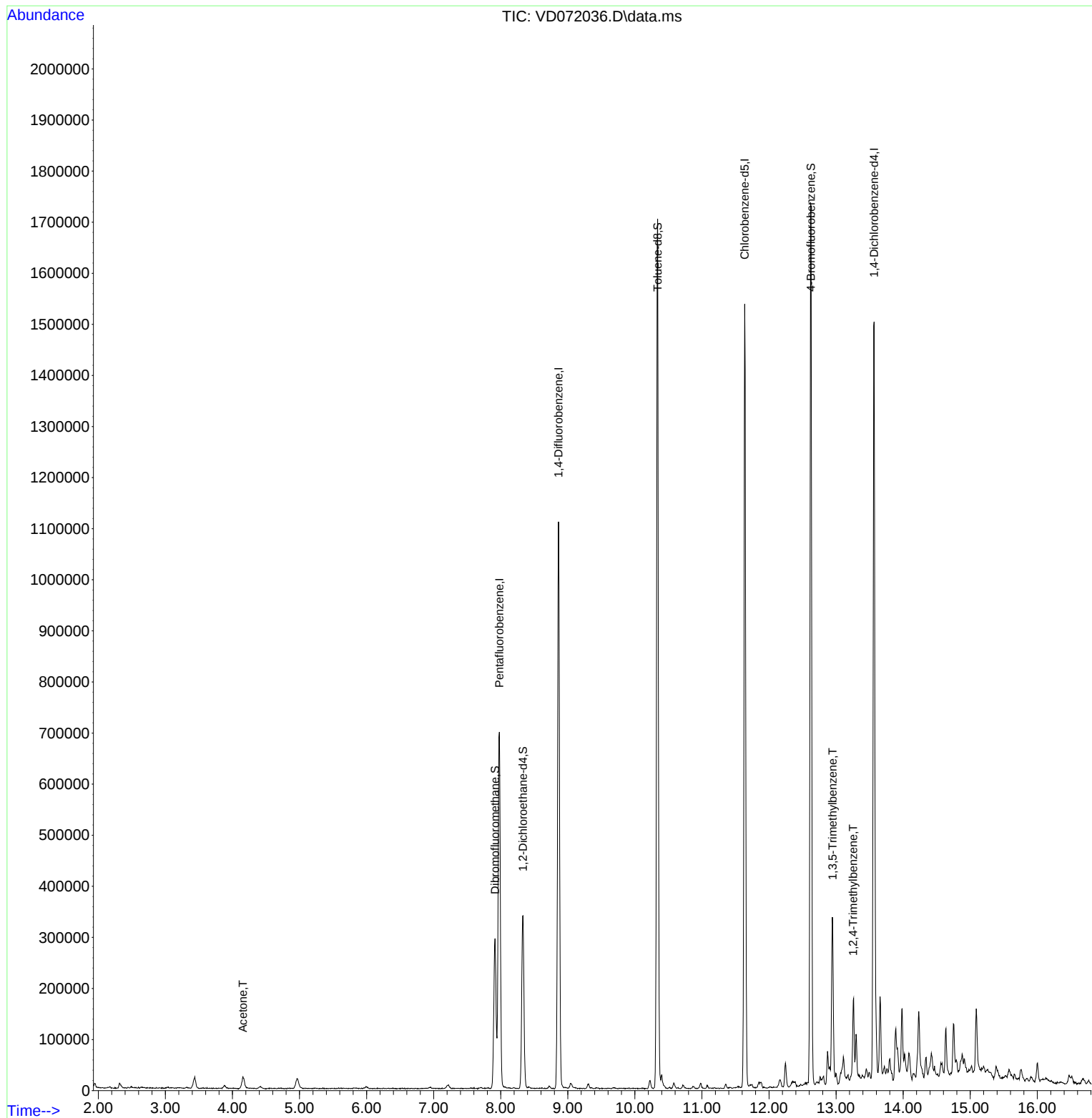
Internal Standards						
1) Pentafluorobenzene	7.979	168	522596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	927726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	875831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	401529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	280253	51.70	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.40%	
35) Dibromofluoromethane	7.914	113	212420	37.79	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 75.58%	
50) Toluene-d8	10.338	98	1146806	55.02	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.04%	
62) 4-Bromofluorobenzene	12.626	95	407549	53.23	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.46%	
Target Compounds						
						Qvalue
16) Acetone	4.156	43	39385	33.62	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	47281	2.05	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	94574	4.18	ug/l	96

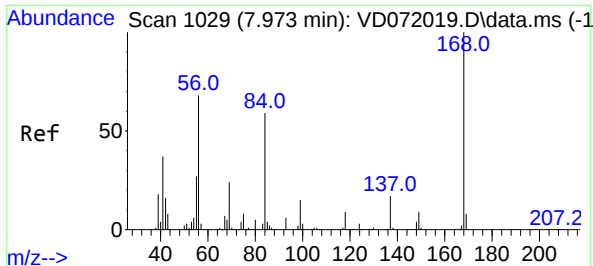
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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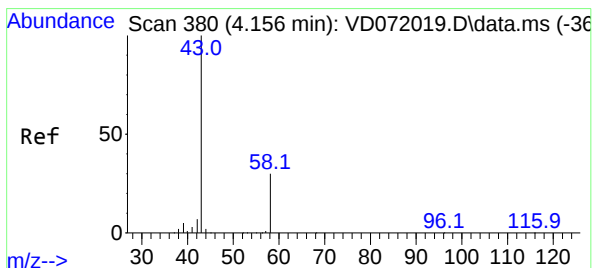
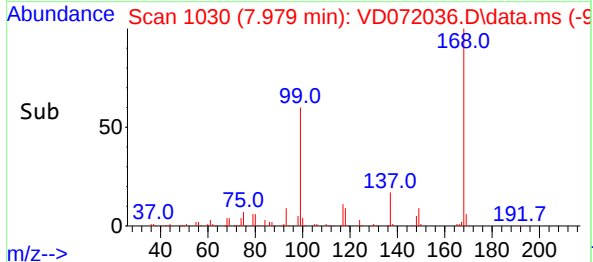
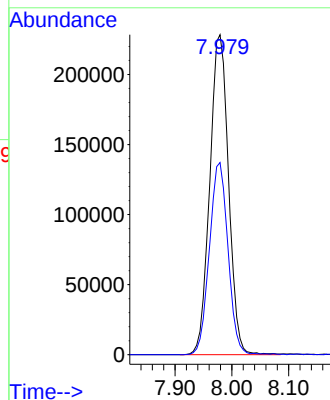
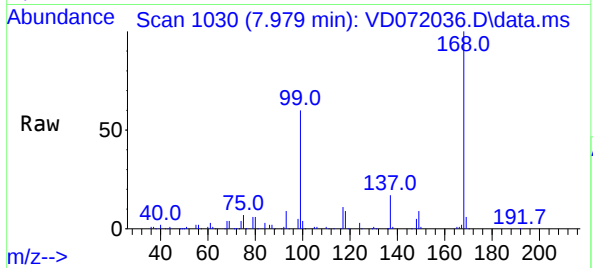




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072036.D
Acq: 21 Feb 2022 16:58

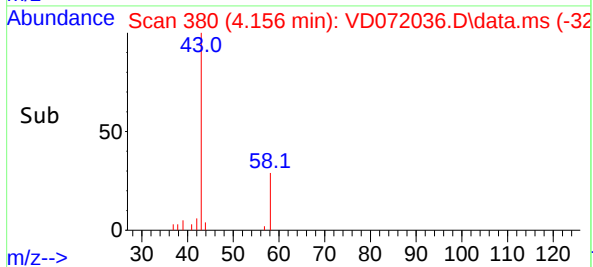
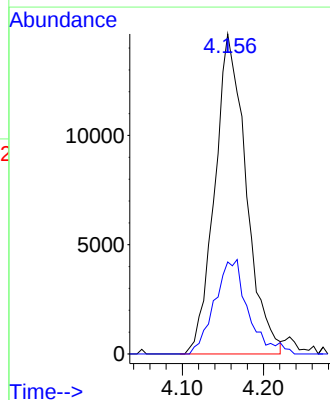
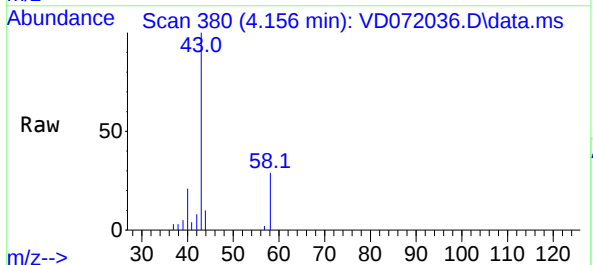
Instrument :
MSVOA_D
ClientSampleId :
CC-A4

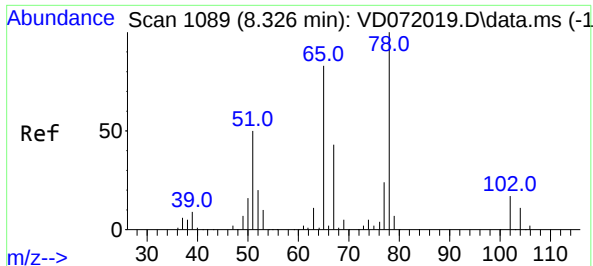
Tgt Ion:168 Resp: 522596
Ion Ratio Lower Upper
168 100
99 60.0 47.1 70.7



#16
Acetone
Concen: 33.62 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072036.D
Acq: 21 Feb 2022 16:58

Tgt Ion: 43 Resp: 39385
Ion Ratio Lower Upper
43 100
58 28.7 23.8 35.6

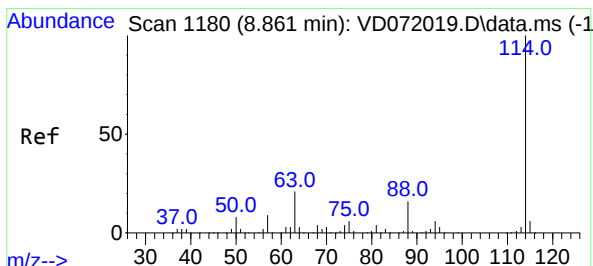
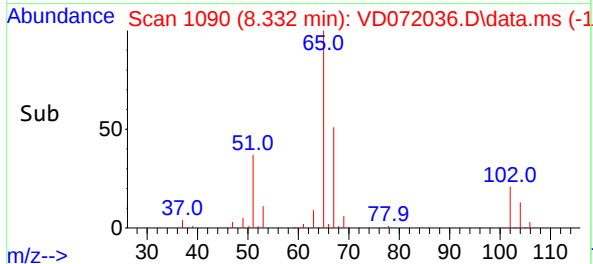
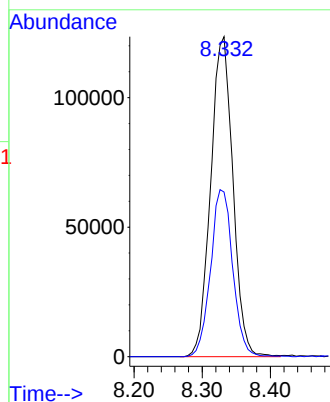
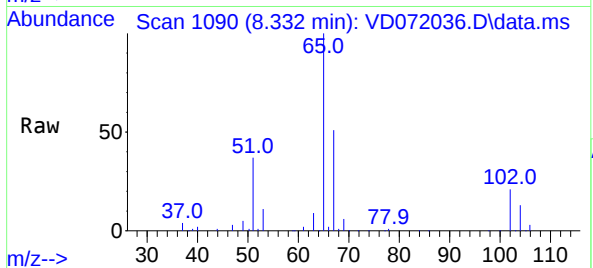




#33
1,2-Dichloroethane-d4
Concen: 51.70 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD072036.D
Acq: 21 Feb 2022 16:58

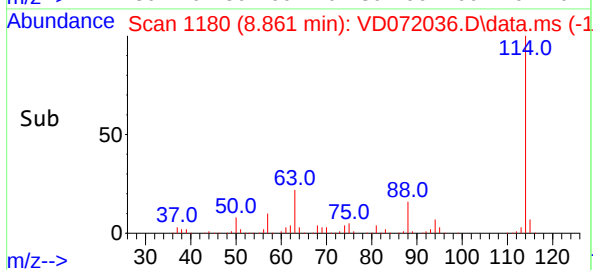
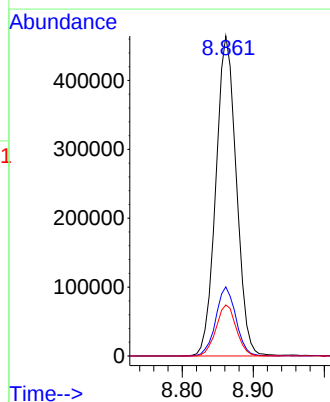
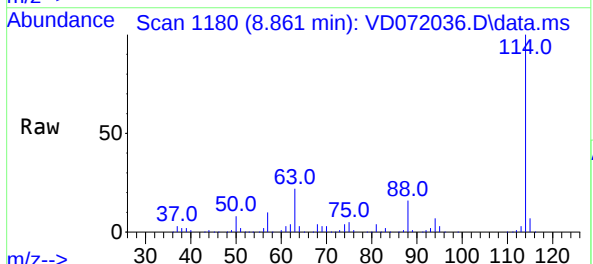
Instrument :
MSVOA_D
ClientSampleId :
CC-A4

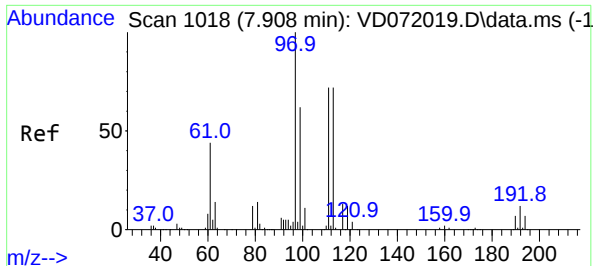
Tgt Ion: 65 Resp: 280253
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072036.D
Acq: 21 Feb 2022 16:58

Tgt Ion: 114 Resp: 927726
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.2
88 15.9 0.0 31.2

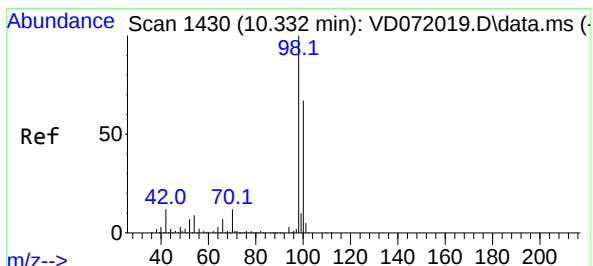
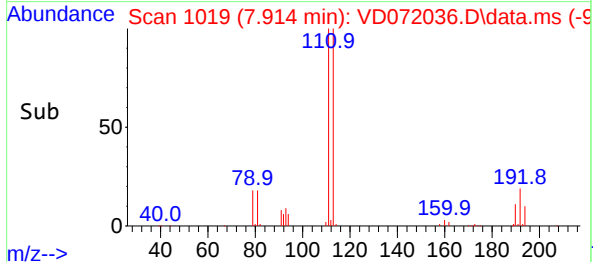
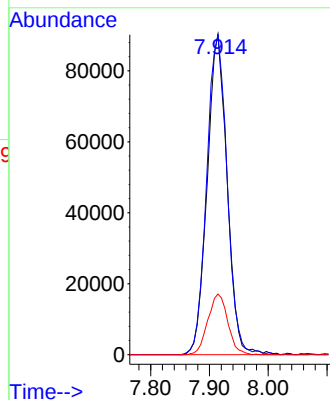
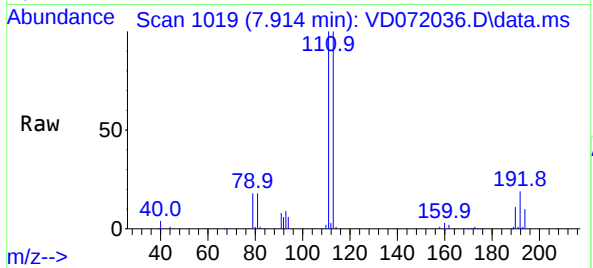




#35
Dibromofluoromethane
Concen: 37.79 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072036.D
Acq: 21 Feb 2022 16:58

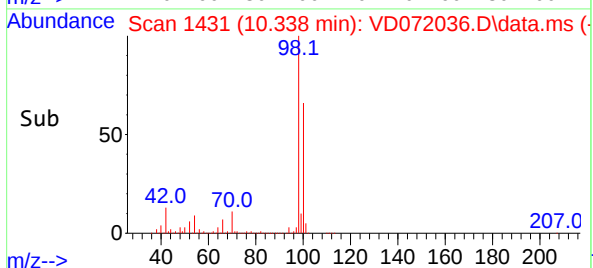
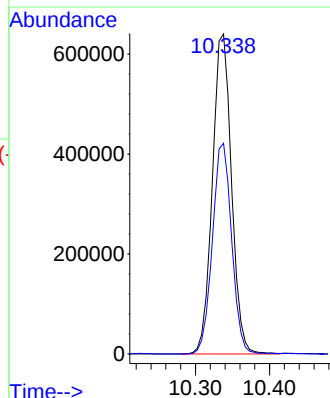
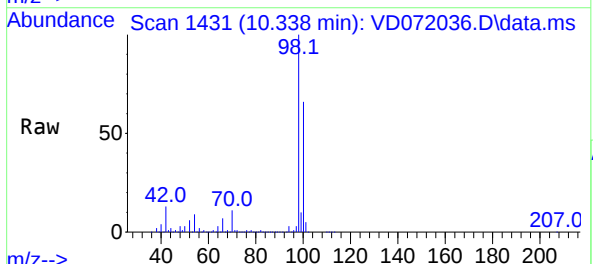
Instrument :
MSVOA_D
ClientSampleId :
CC-A4

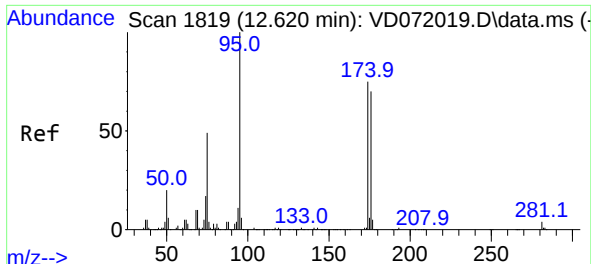
Tgt Ion:113 Resp: 212420
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.4
192 19.0 15.3 22.9



#50
Toluene-d8
Concen: 55.02 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072036.D
Acq: 21 Feb 2022 16:58

Tgt Ion: 98 Resp: 1146806
Ion Ratio Lower Upper
98 100
100 66.3 53.8 80.6

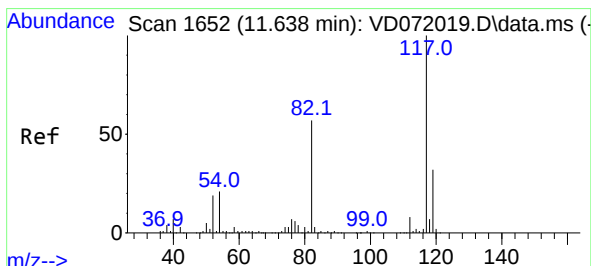
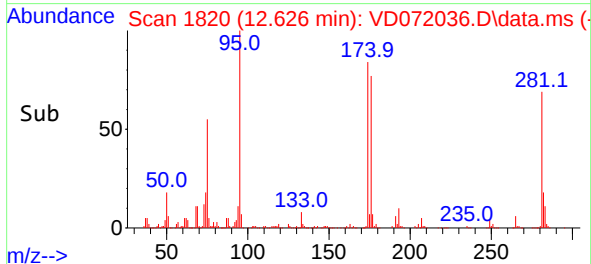
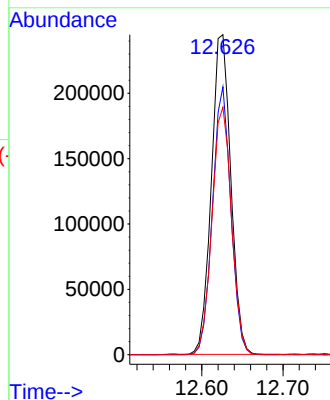
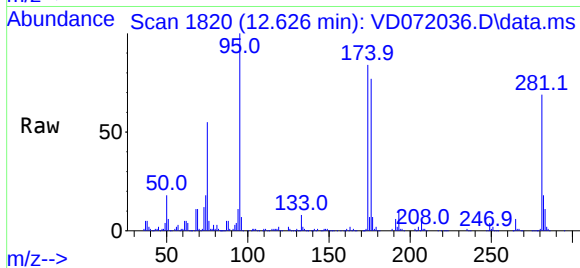




#62
4-Bromofluorobenzene
Concen: 53.23 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072036.D
Acq: 21 Feb 2022 16:58

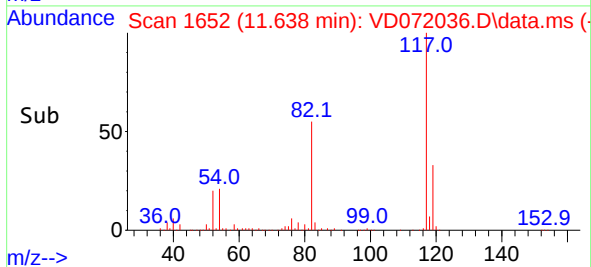
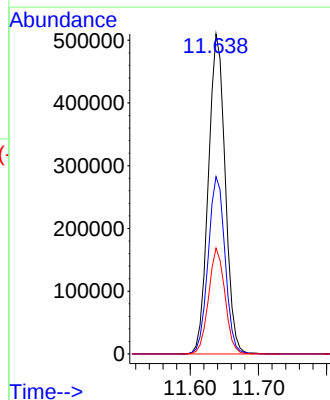
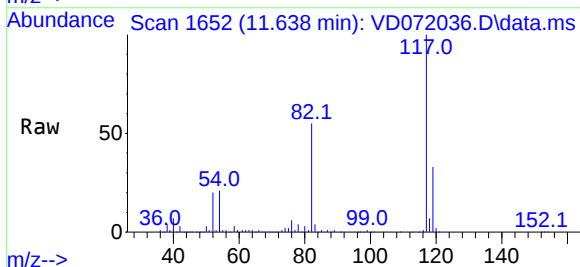
Instrument :
MSVOA_D
ClientSampleId :
CC-A4

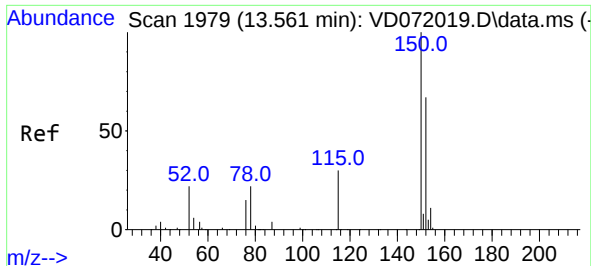
Tgt Ion: 95 Resp: 407549
Ion Ratio Lower Upper
95 100
174 79.3 0.0 155.0
176 77.5 0.0 148.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072036.D
Acq: 21 Feb 2022 16:58

Tgt Ion: 117 Resp: 875831
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 33.1 25.4 38.2

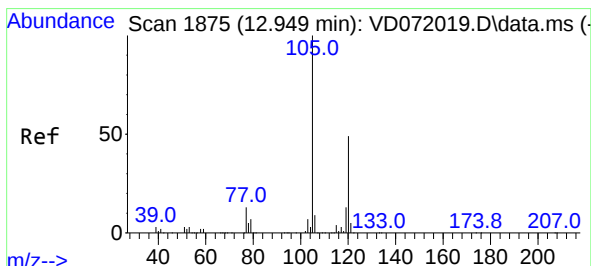
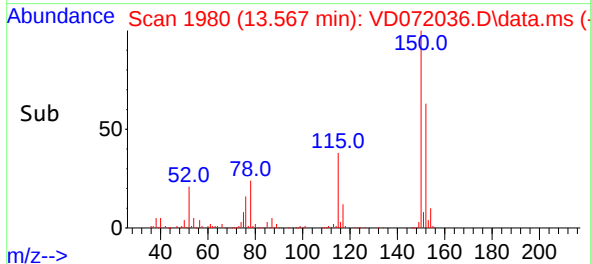
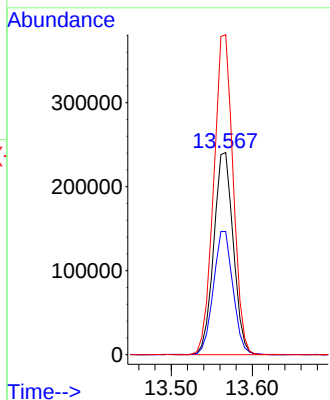
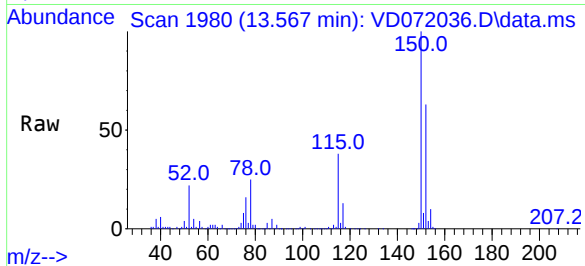




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD072036.D
Acq: 21 Feb 2022 16:58

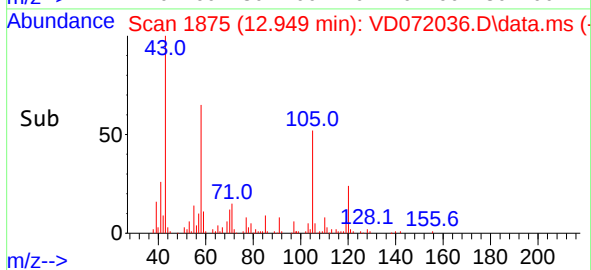
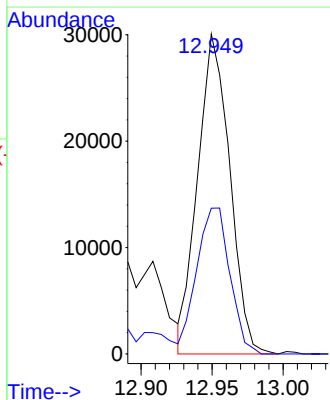
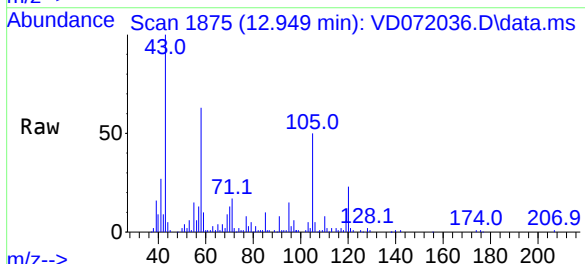
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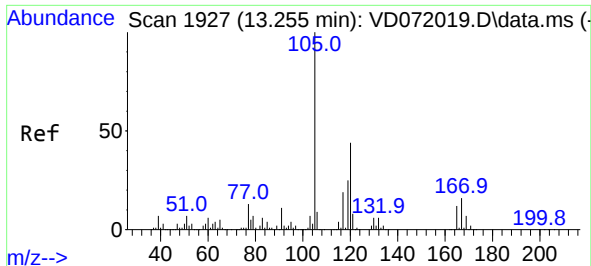
Tgt Ion:152 Resp: 401529
Ion Ratio Lower Upper
152 100
115 61.4 29.9 89.7
150 158.0 0.0 347.6



#80
1,3,5-Trimethylbenzene
Concen: 2.05 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072036.D
Acq: 21 Feb 2022 16:58

Tgt Ion:105 Resp: 47281
Ion Ratio Lower Upper
105 100
120 47.2 24.9 74.7





#84
 1,2,4-Trimethylbenzene
 Concen: 4.18 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD072036.D
 Acq: 21 Feb 2022 16:58

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-A4

Tgt Ion:105 Resp: 94574
 Ion Ratio Lower Upper
 105 100
 120 42.3 22.4 67.3

