

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022122\
 Data File : VD072034.D
 Acq On : 21 Feb 2022 16:01
 Operator : VA/SY
 Sample : N1626-05
 Misc : 6.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-A3

Quant Time: Feb 22 01:05:58 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)

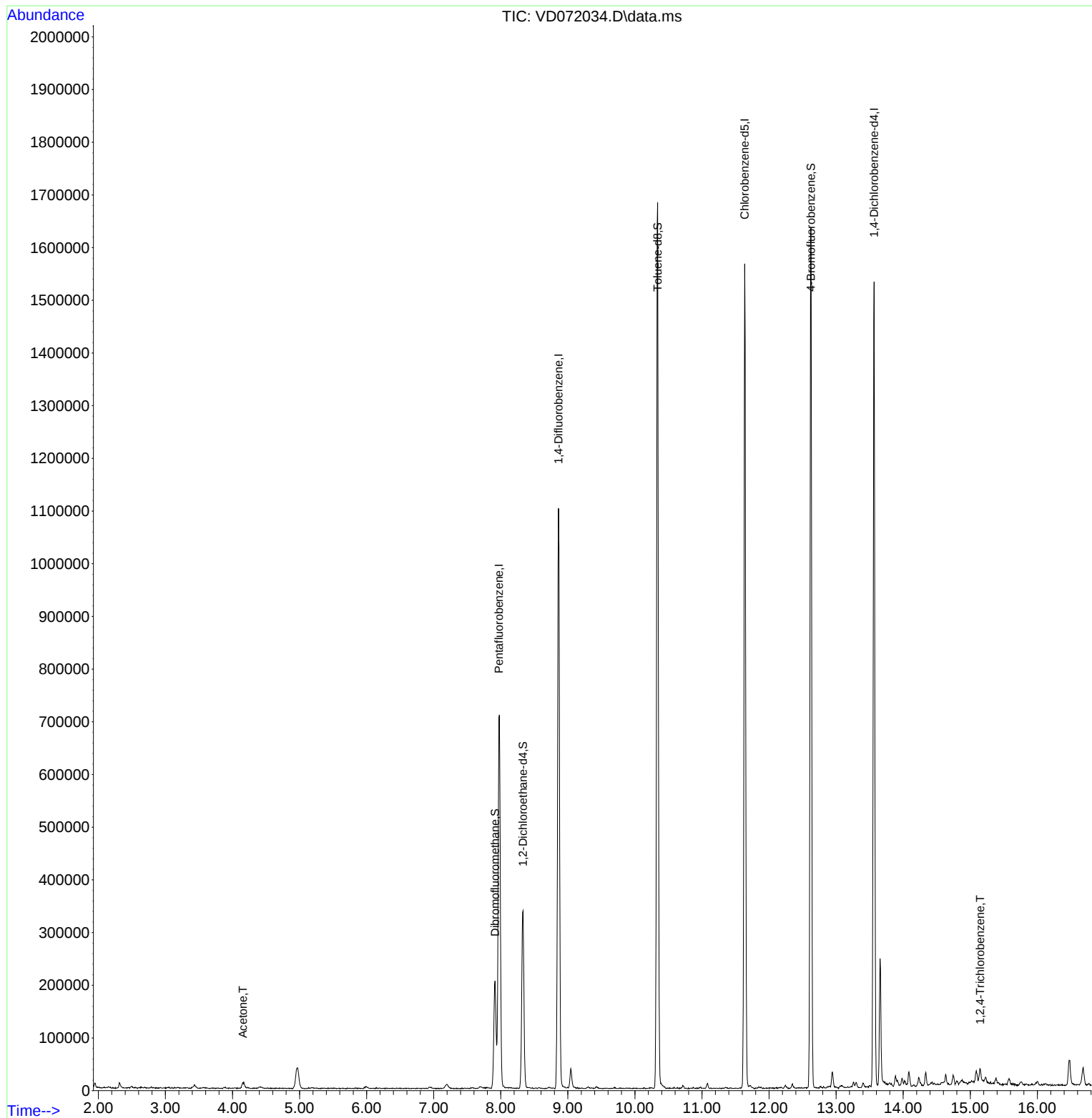
Internal Standards						
1) Pentafluorobenzene	7.973	168	534868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	931007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	877002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	400363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	278049	50.12	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.24%	
35) Dibromofluoromethane	7.914	113	147595	26.17	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 52.34%#	
50) Toluene-d8	10.338	98	1137410	54.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.74%	
62) 4-Bromofluorobenzene	12.626	95	413604	53.83	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.66%	
Target Compounds						
						Qvalue
16) Acetone	4.155	43	19970	16.65	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	9318	1.33	ug/l	94

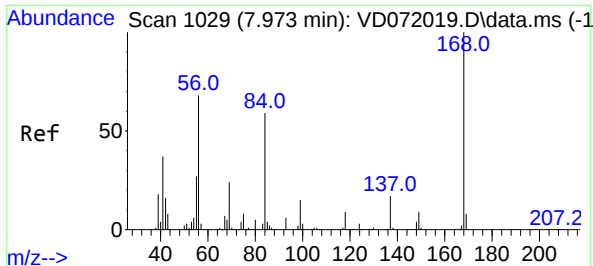
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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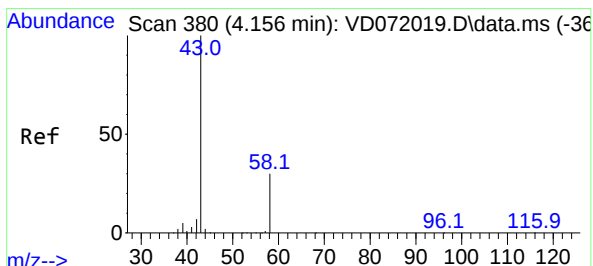
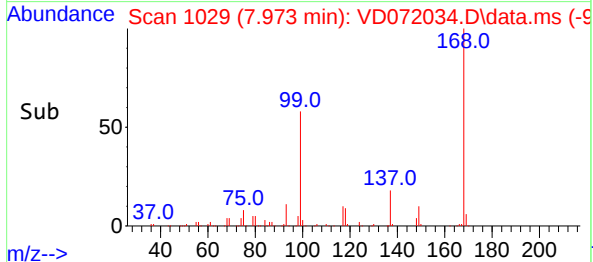
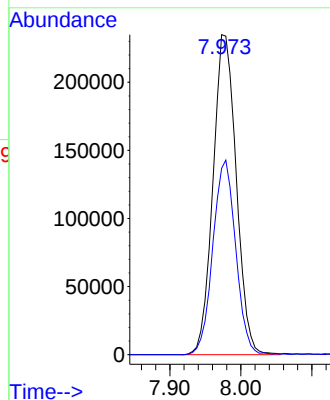
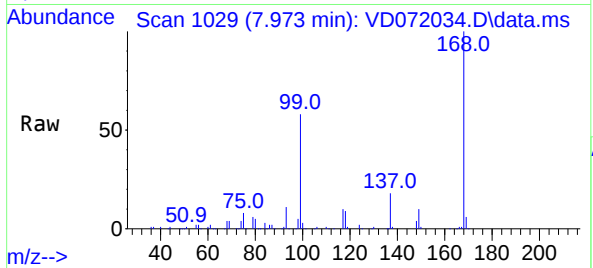




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD072034.D
Acq: 21 Feb 2022 16:01

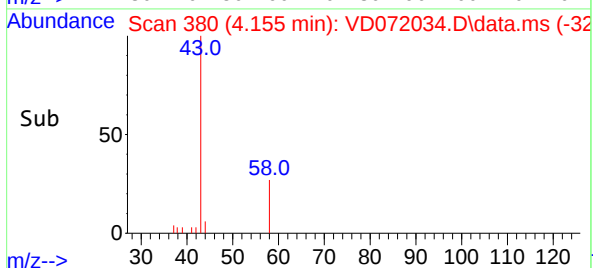
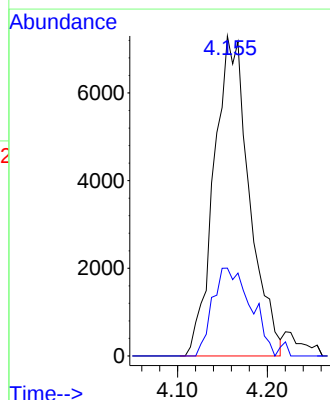
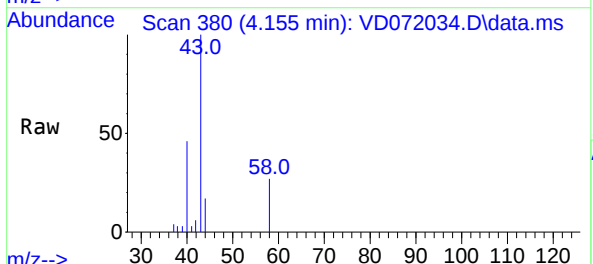
Instrument :
MSVOA_D
ClientSampleId :
CC-A3

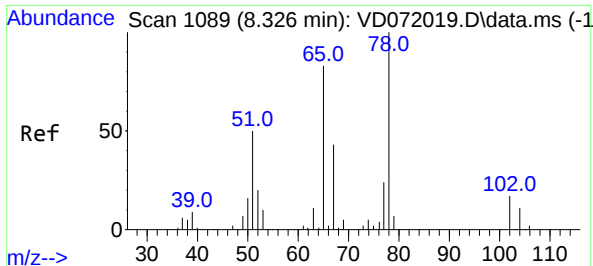
Tgt Ion:168 Resp: 534868
Ion Ratio Lower Upper
168 100
99 58.2 47.1 70.7



#16
Acetone
Concen: 16.65 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.001 min
Lab File: VD072034.D
Acq: 21 Feb 2022 16:01

Tgt Ion: 43 Resp: 19970
Ion Ratio Lower Upper
43 100
58 27.4 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 50.12 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD072034.D

Acq: 21 Feb 2022 16:01

Instrument :

MSVOA_D

ClientSampleId :

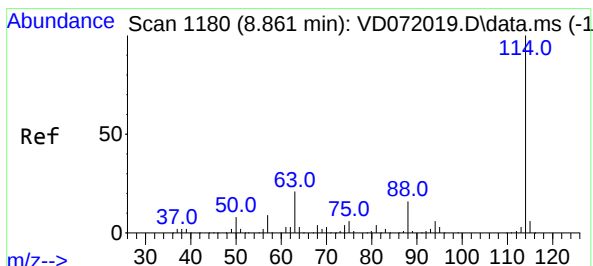
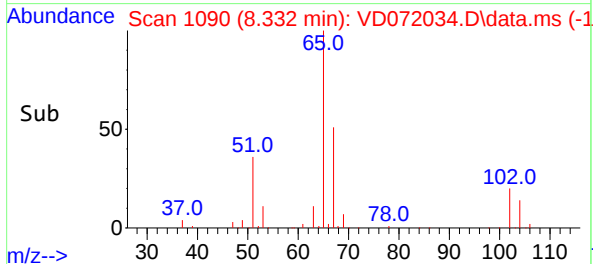
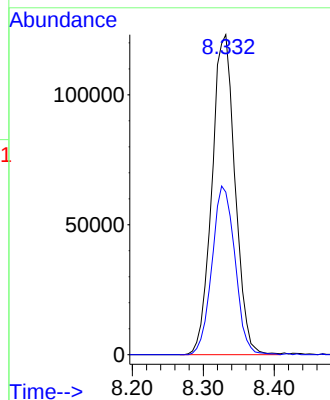
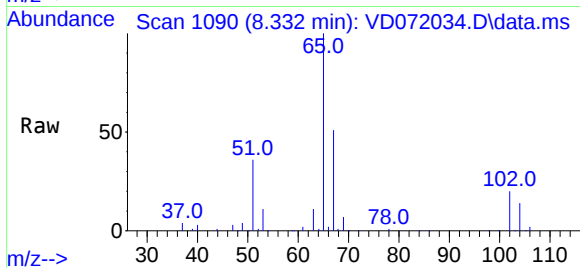
CC-A3

Tgt Ion: 65 Resp: 278049

Ion Ratio Lower Upper

65 100

67 52.3 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: VD072034.D

Acq: 21 Feb 2022 16:01

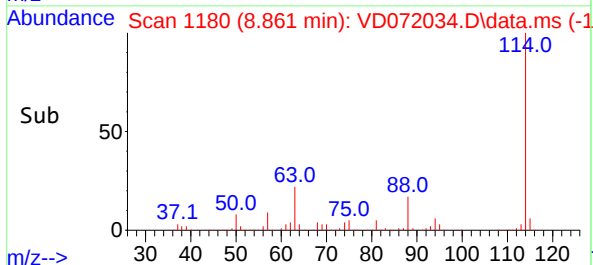
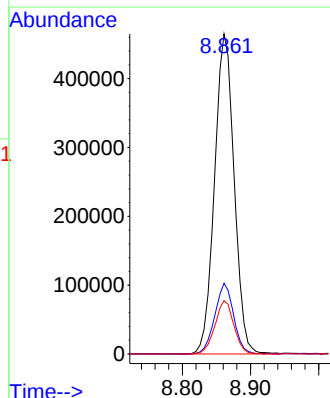
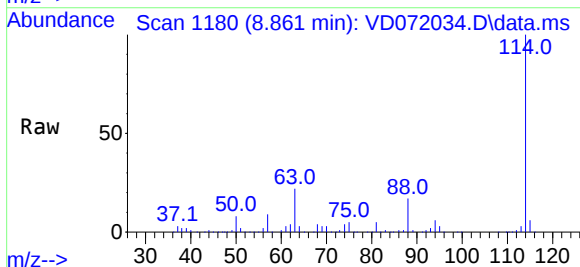
Tgt Ion: 114 Resp: 931007

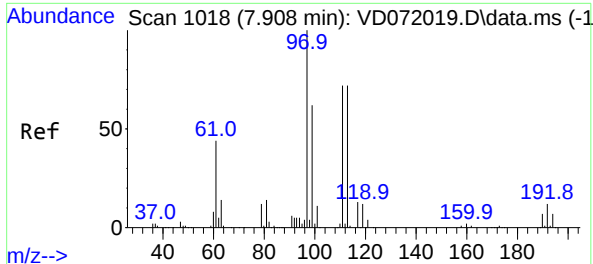
Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.2

88 16.7 0.0 31.2

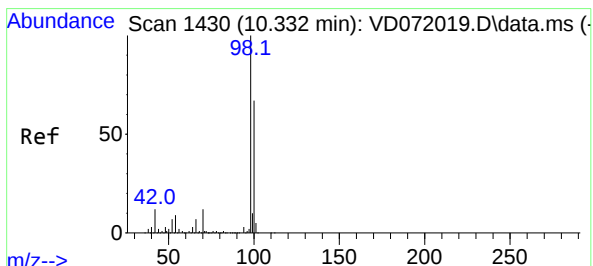
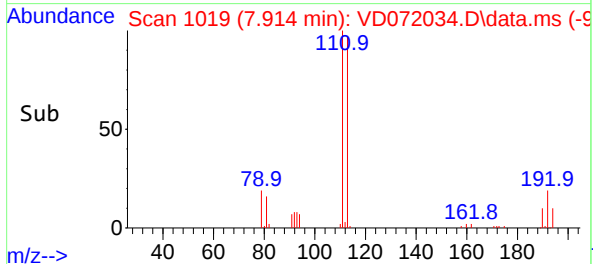
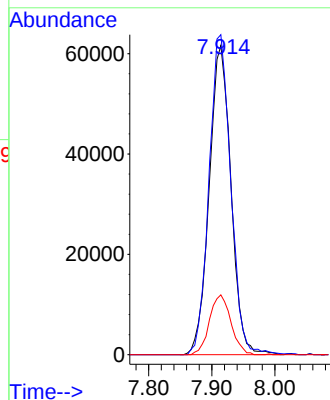
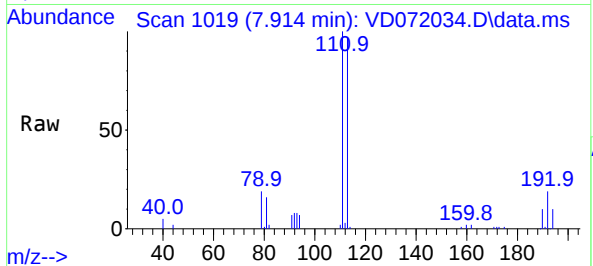




#35
Dibromofluoromethane
Concen: 26.17 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072034.D
Acq: 21 Feb 2022 16:01

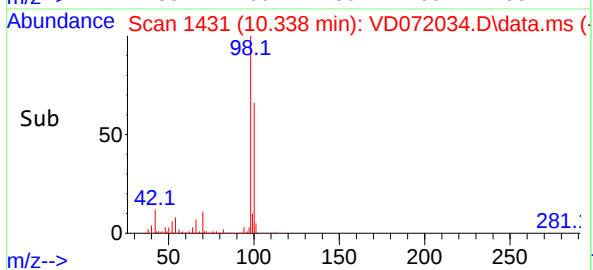
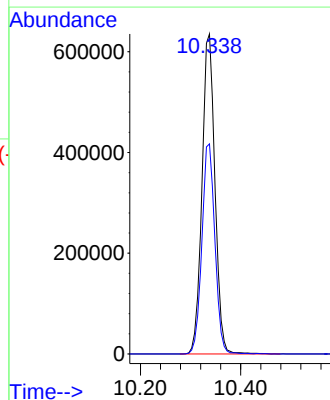
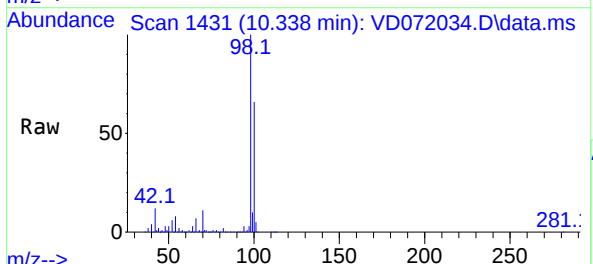
Instrument :
MSVOA_D
ClientSampleId :
CC-A3

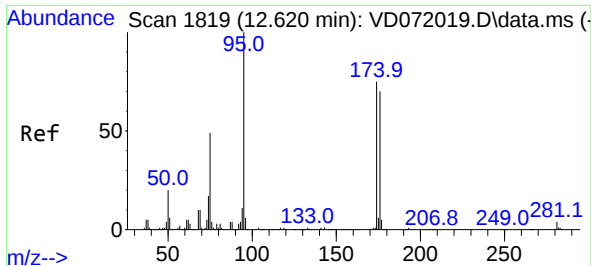
Tgt Ion:113 Resp: 147595
Ion Ratio Lower Upper
113 100
111 103.4 83.0 124.4
192 19.1 15.3 22.9



#50
Toluene-d8
Concen: 54.37 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072034.D
Acq: 21 Feb 2022 16:01

Tgt Ion: 98 Resp: 1137410
Ion Ratio Lower Upper
98 100
100 66.0 53.8 80.6

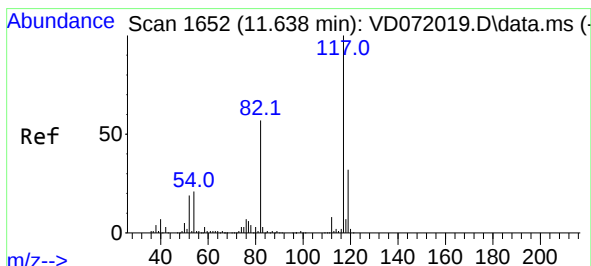
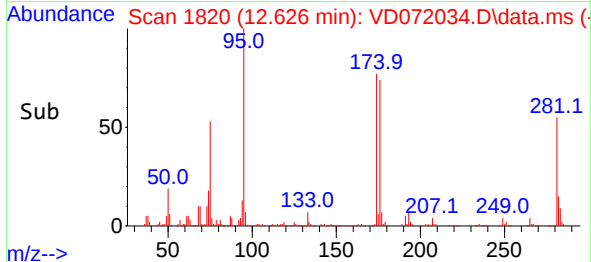
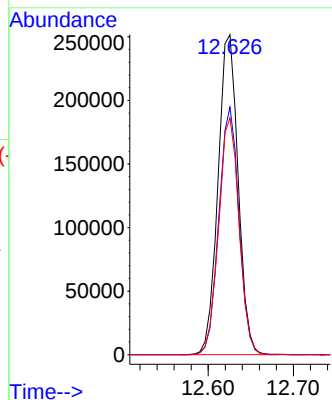
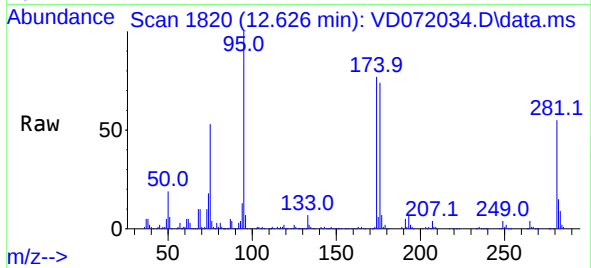




#62
4-Bromofluorobenzene
Concen: 53.83 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072034.D
Acq: 21 Feb 2022 16:01

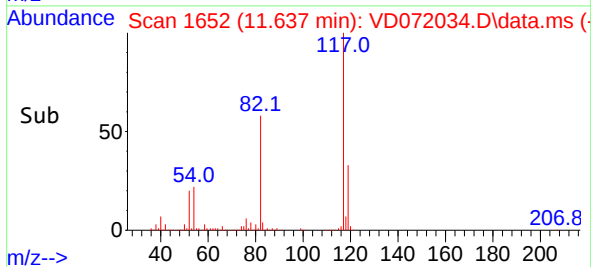
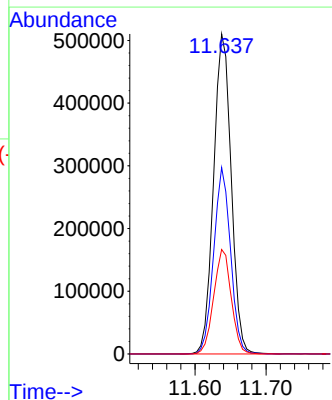
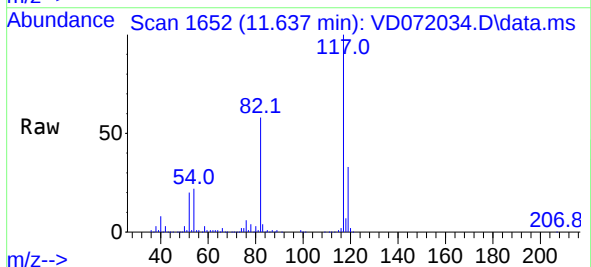
Instrument :
MSVOA_D
ClientSampleId :
CC-A3

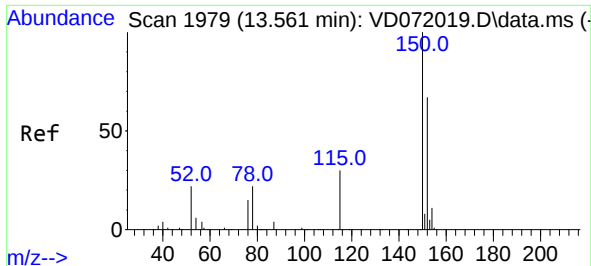
Tgt Ion: 95 Resp: 413604
Ion Ratio Lower Upper
95 100
174 77.3 0.0 155.0
176 74.5 0.0 148.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072034.D
Acq: 21 Feb 2022 16:01

Tgt Ion: 117 Resp: 877002
Ion Ratio Lower Upper
117 100
82 58.3 45.4 68.0
119 32.7 25.4 38.2

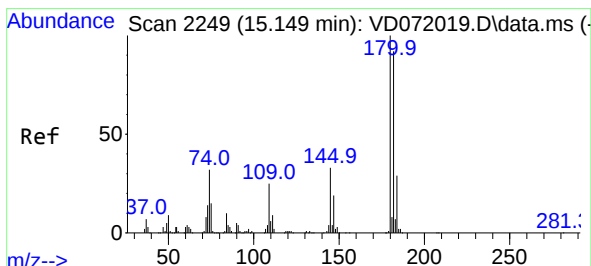
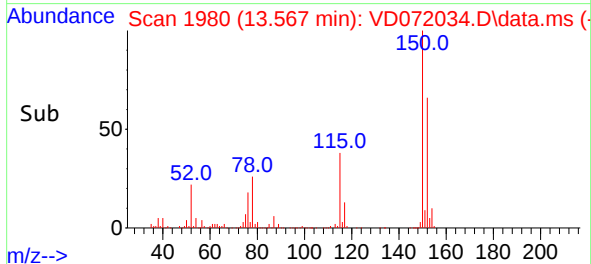
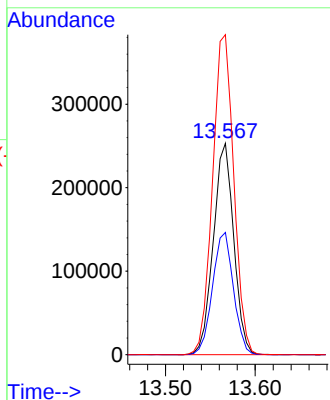
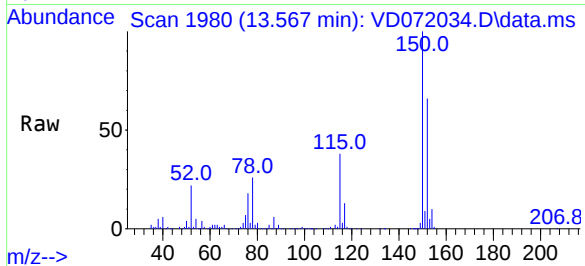




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.567 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD072034.D
 Acq: 21 Feb 2022 16:01

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-A3

Tgt Ion:152 Resp: 400363
 Ion Ratio Lower Upper
 152 100
 115 59.3 29.9 89.7
 150 157.5 0.0 347.6



#93
 1,2,4-Trichlorobenzene
 Concen: 1.33 ug/l
 RT: 15.149 min Scan# 2249
 Delta R.T. -0.000 min
 Lab File: VD072034.D
 Acq: 21 Feb 2022 16:01

Tgt Ion:180 Resp: 9318
 Ion Ratio Lower Upper
 180 100
 182 86.5 46.4 139.2
 145 33.9 15.7 47.1

