

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022122\
 Data File : VD072040.D
 Acq On : 21 Feb 2022 18:51
 Operator : VA/SY
 Sample : N1626-11
 Misc : 6.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-A6

Quant Time: Feb 22 01:08:34 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)

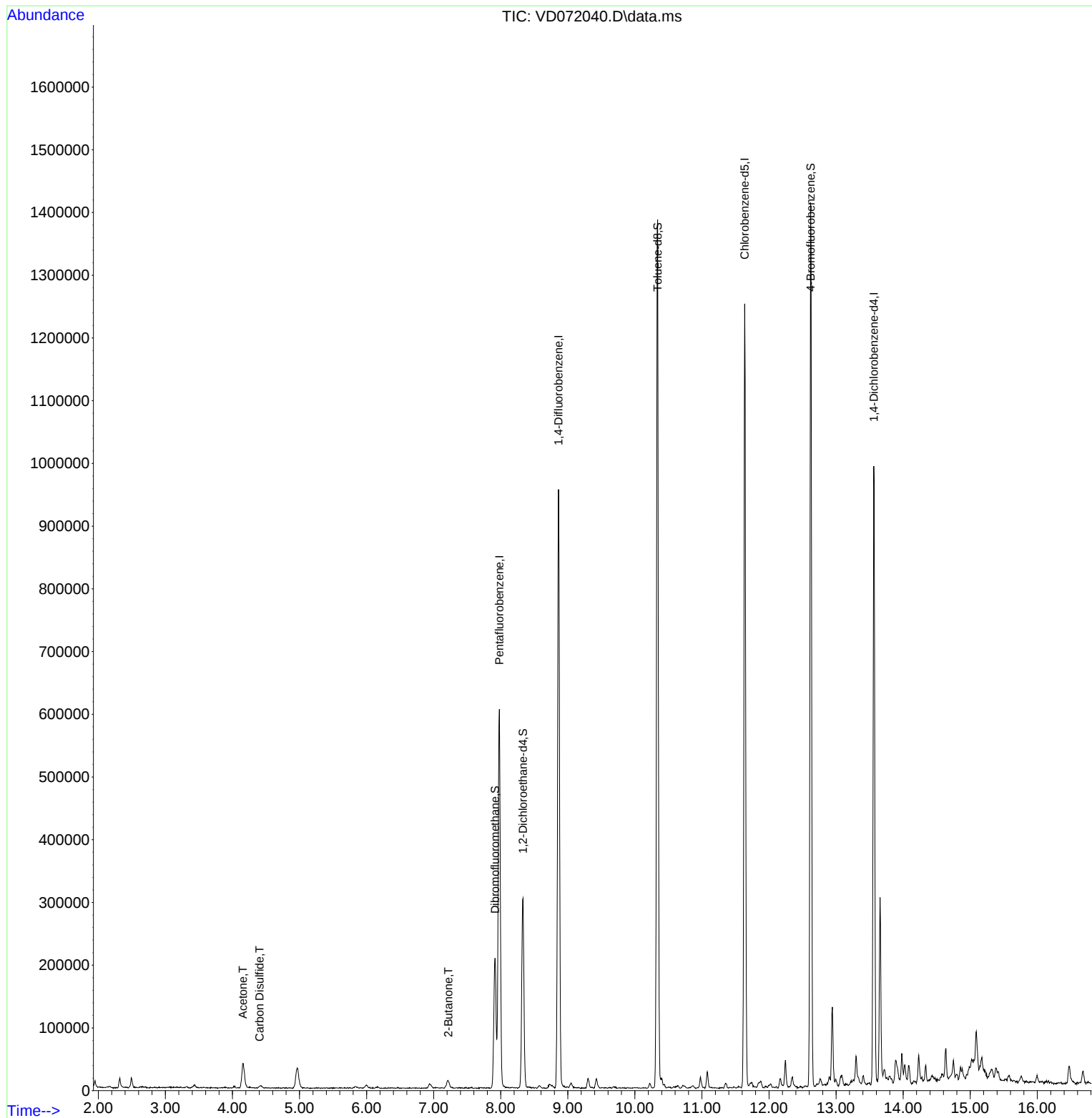
Internal Standards						
1) Pentafluorobenzene	7.979	168	447942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	808416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	717821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	266804	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	246603	53.07	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.14%
35) Dibromofluoromethane	7.914	113	152287	31.09	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	62.18%
50) Toluene-d8	10.338	98	949607	52.28	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.56%
62) 4-Bromofluorobenzene	12.620	95	314815	47.18	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.36%
Target Compounds						
16) Acetone	4.156	43	72394	72.09	ug/l	97
17) Carbon Disulfide	4.403	76	7383	1.30	ug/l	96
25) 2-Butanone	7.220	43	20286	14.62	ug/l #	86

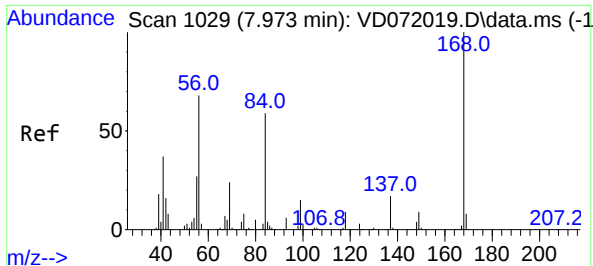
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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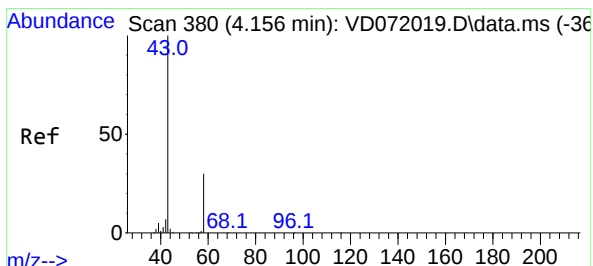
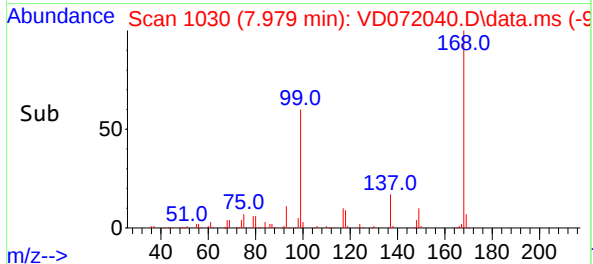
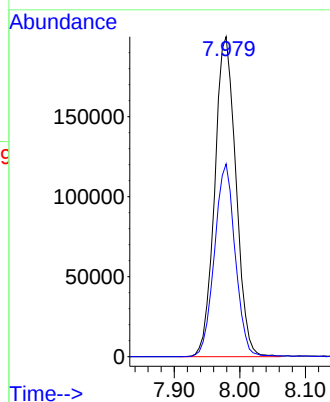
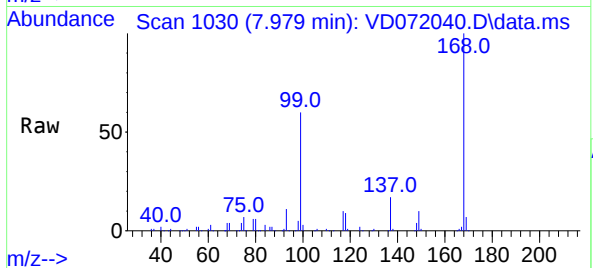




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072040.D
Acq: 21 Feb 2022 18:51

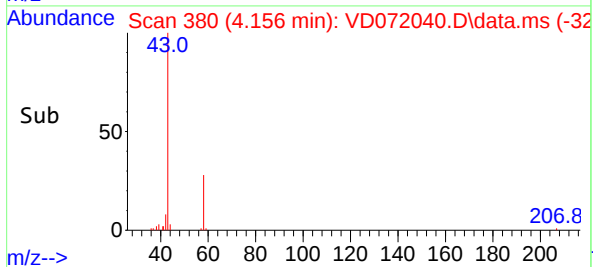
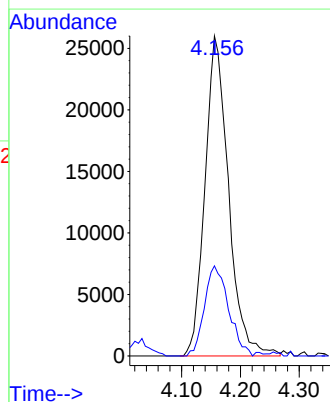
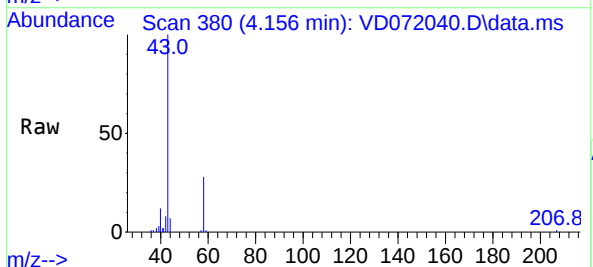
Instrument :
MSVOA_D
ClientSampleId :
CC-A6

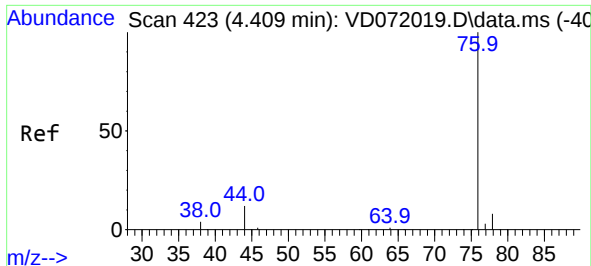
Tgt Ion:168 Resp: 447942
Ion Ratio Lower Upper
168 100
99 60.3 47.1 70.7



#16
Acetone
Concen: 72.09 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072040.D
Acq: 21 Feb 2022 18:51

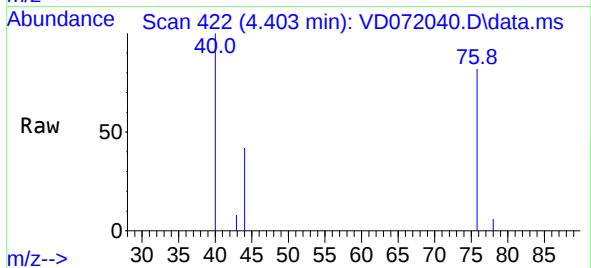
Tgt Ion: 43 Resp: 72394
Ion Ratio Lower Upper
43 100
58 28.1 23.8 35.6



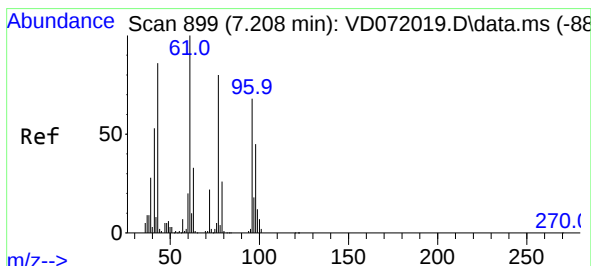
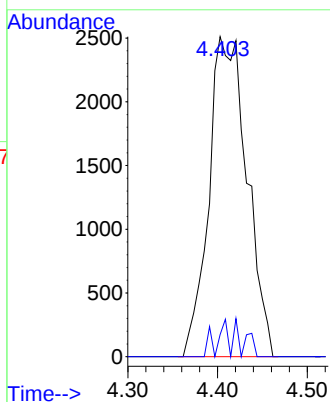
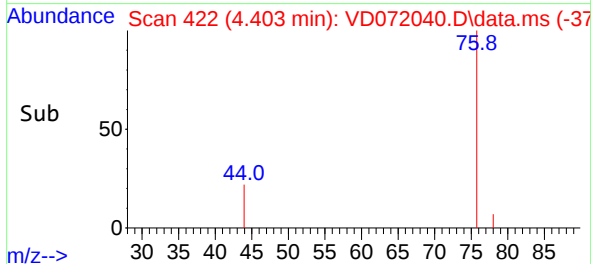


#17
Carbon Disulfide
Concen: 1.30 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072040.D
Acq: 21 Feb 2022 18:51

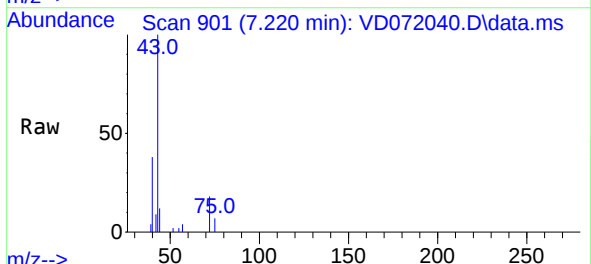
Instrument :
MSVOA_D
ClientSampleId :
CC-A6



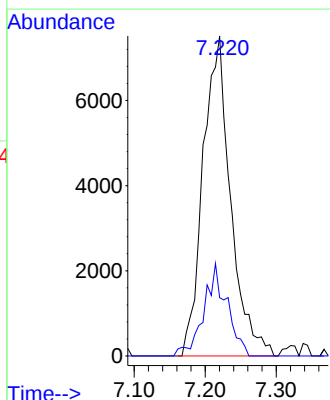
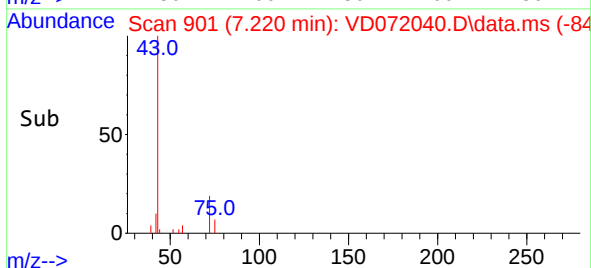
Tgt Ion: 76 Resp: 7383
Ion Ratio Lower Upper
76 100
78 6.9 6.7 10.1

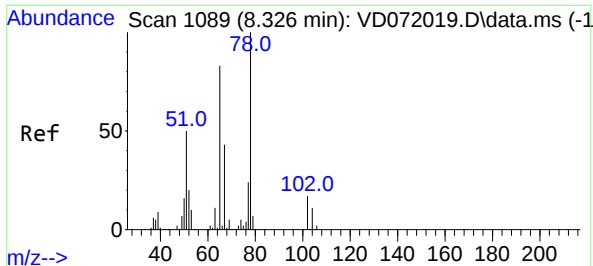


#25
2-Butanone
Concen: 14.62 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.012 min
Lab File: VD072040.D
Acq: 21 Feb 2022 18:51



Tgt Ion: 43 Resp: 20286
Ion Ratio Lower Upper
43 100
72 18.2 20.3 30.5#





#33

1,2-Dichloroethane-d4

Concen: 53.07 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD072040.D

Acq: 21 Feb 2022 18:51

Instrument :

MSVOA_D

ClientSampleId :

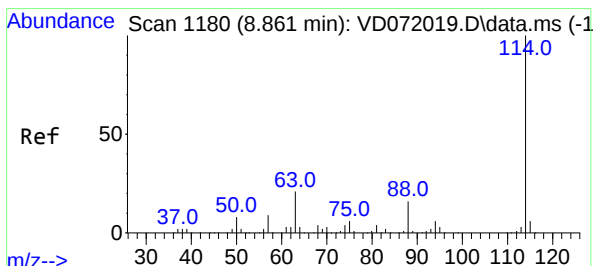
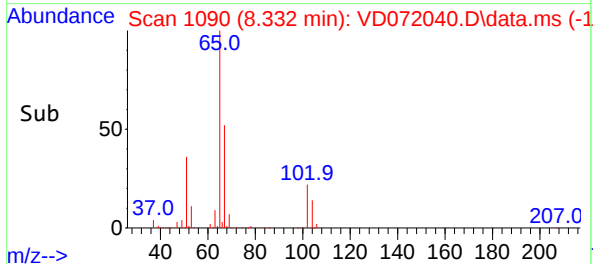
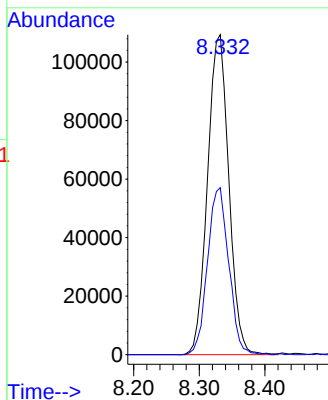
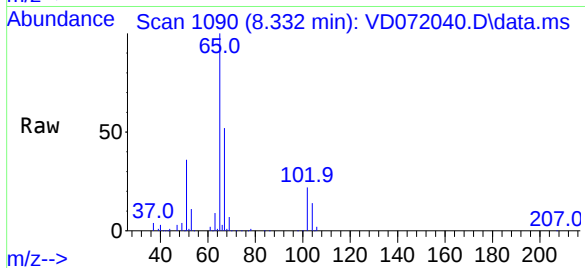
CC-A6

Tgt Ion: 65 Resp: 246603

Ion Ratio Lower Upper

65 100

67 52.0 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: VD072040.D

Acq: 21 Feb 2022 18:51

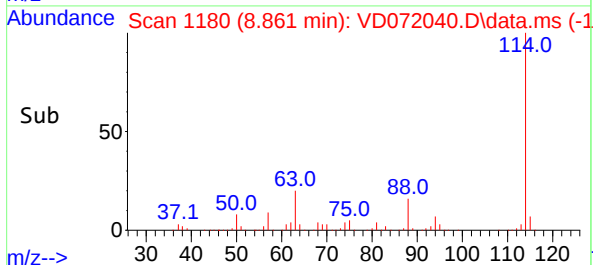
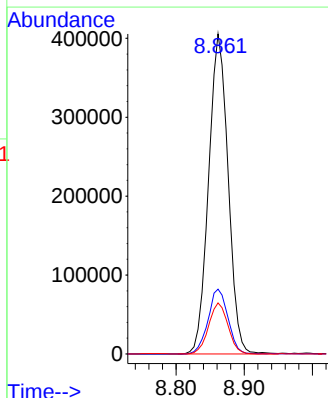
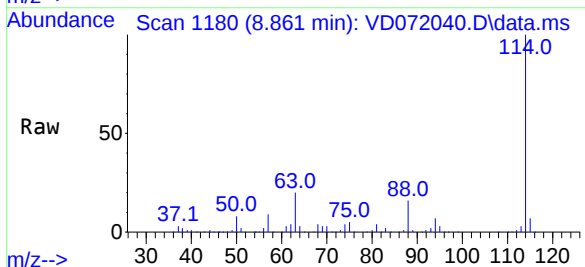
Tgt Ion: 114 Resp: 808416

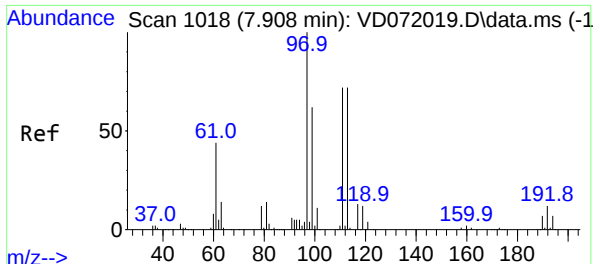
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.2

88 16.0 0.0 31.2

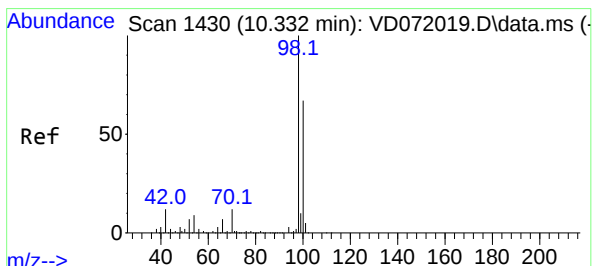
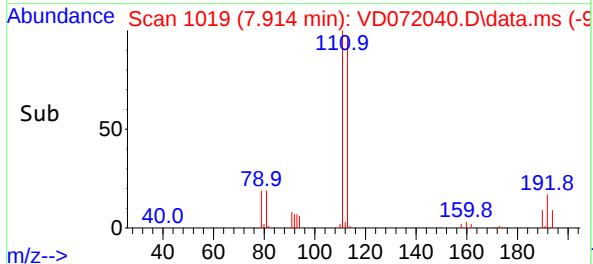
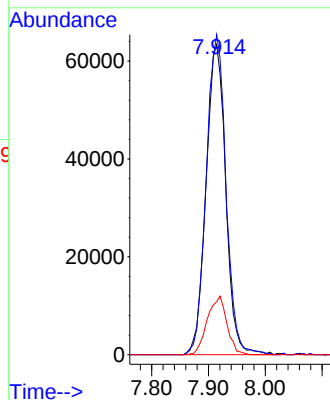
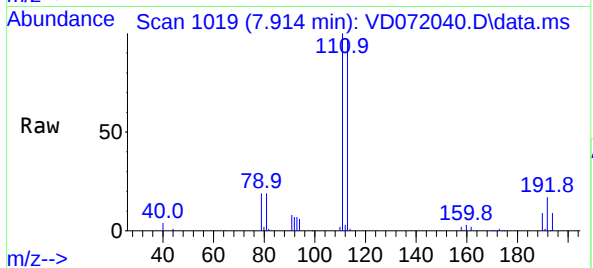




#35
Dibromofluoromethane
Concen: 31.09 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072040.D
Acq: 21 Feb 2022 18:51

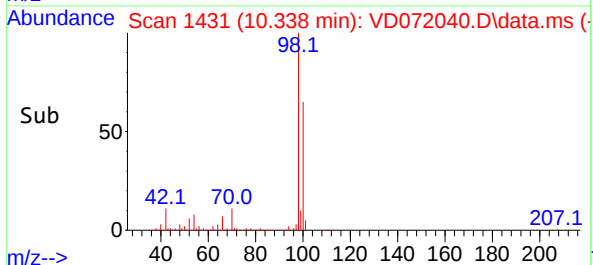
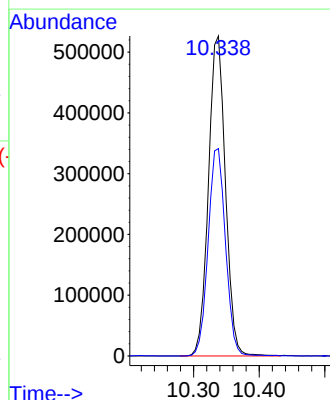
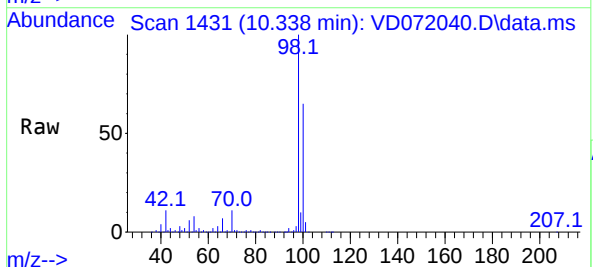
Instrument :
MSVOA_D
ClientSampleId :
CC-A6

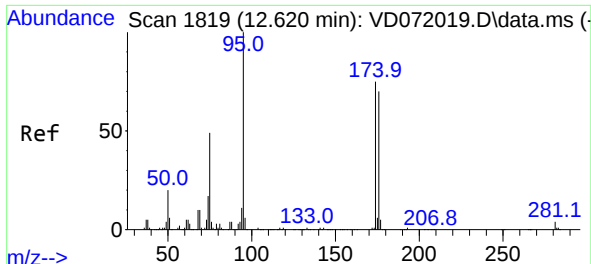
Tgt Ion:113 Resp: 152287
Ion Ratio Lower Upper
113 100
111 103.5 83.0 124.4
192 18.7 15.3 22.9



#50
Toluene-d8
Concen: 52.28 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072040.D
Acq: 21 Feb 2022 18:51

Tgt Ion: 98 Resp: 949607
Ion Ratio Lower Upper
98 100
100 66.2 53.8 80.6

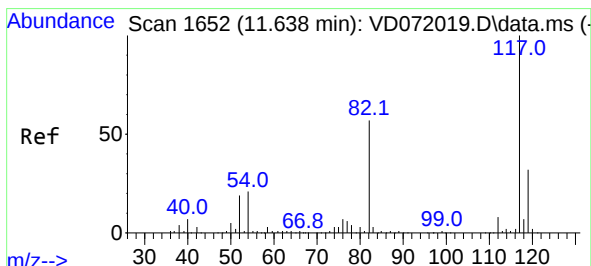
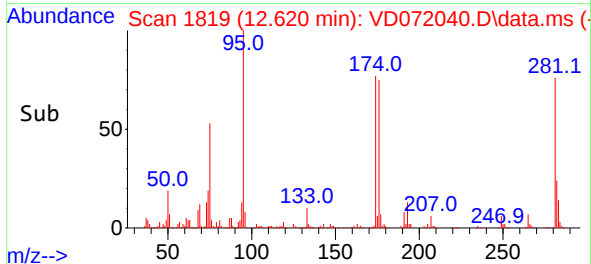
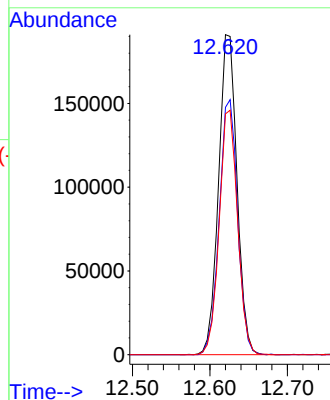
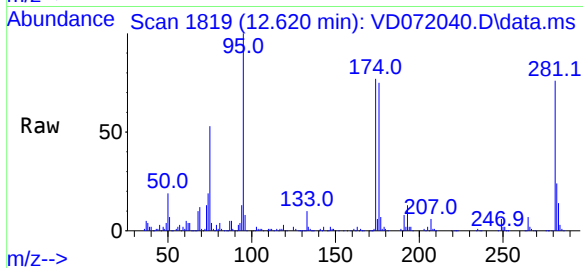




#62
4-Bromofluorobenzene
Concen: 47.18 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072040.D
Acq: 21 Feb 2022 18:51

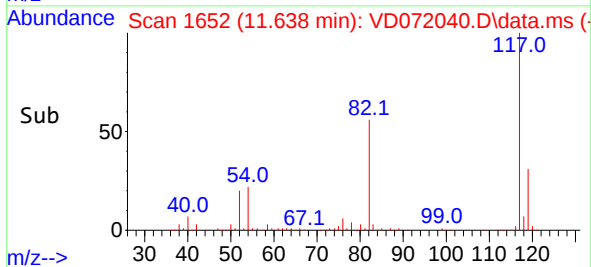
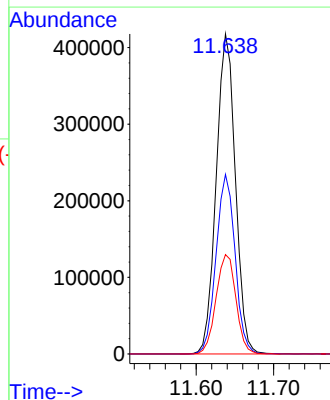
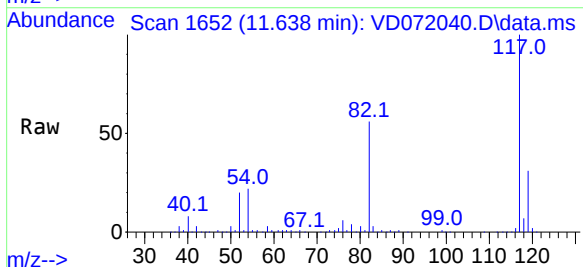
Instrument :
MSVOA_D
ClientSampleId :
CC-A6

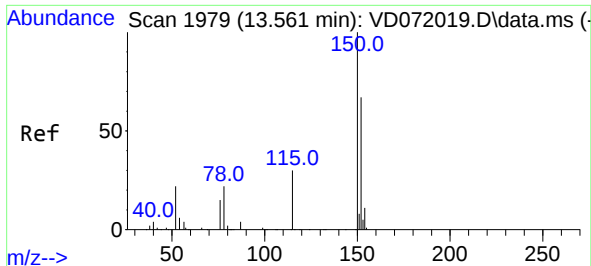
Tgt Ion: 95 Resp: 314815
Ion Ratio Lower Upper
95 100
174 79.6 0.0 155.0
176 76.3 0.0 148.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072040.D
Acq: 21 Feb 2022 18:51

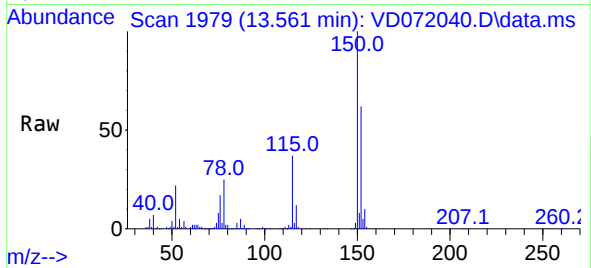
Tgt Ion: 117 Resp: 717821
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.0
119 31.1 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072040.D
 Acq: 21 Feb 2022 18:51

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-A6



Tgt Ion:152 Resp: 266804

Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.9	89.7
150	157.8	0.0	347.6

