

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073542.D
 Acq On : 13 Jun 2022 13:15
 Operator : VA/SY
 Sample : N3233-02
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CR-2

Quant Time: Jun 13 15:32:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

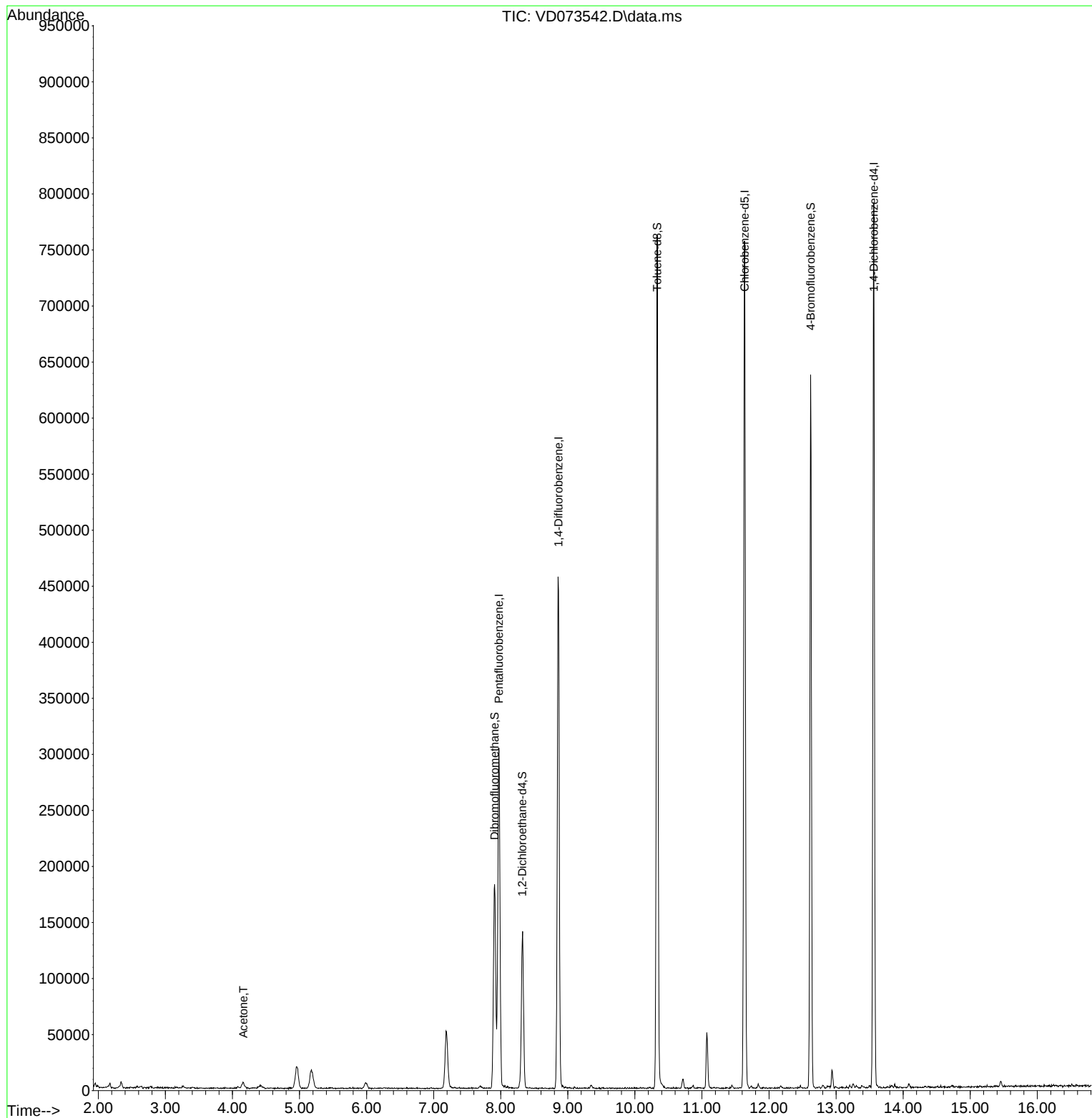
Internal Standards						
1) Pentafluorobenzene	7.973	168	221591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	399484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	454653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	210789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	109391	46.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.000%
35) Dibromofluoromethane	7.908	113	134084	52.196	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.400%
50) Toluene-d8	10.332	98	500681	51.550	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.100%
62) 4-Bromofluorobenzene	12.620	95	206517	58.572	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.140%
Target Compounds						
16) Acetone	4.162	43	9642	23.028	ug/l	Qvalue # 89

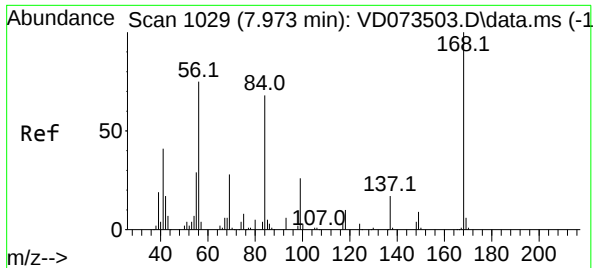
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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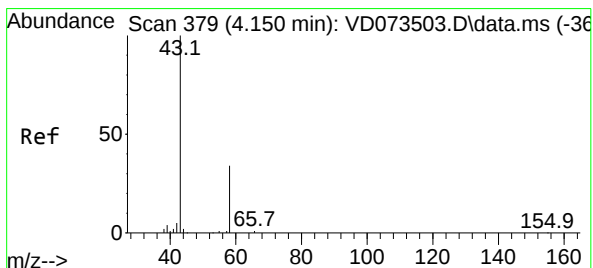
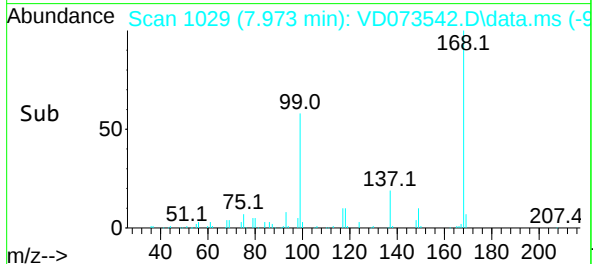
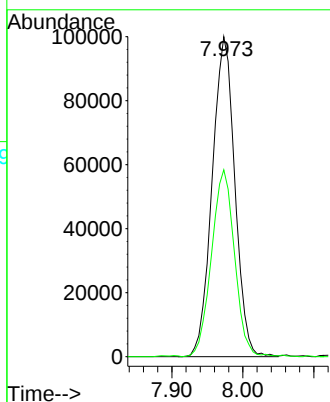
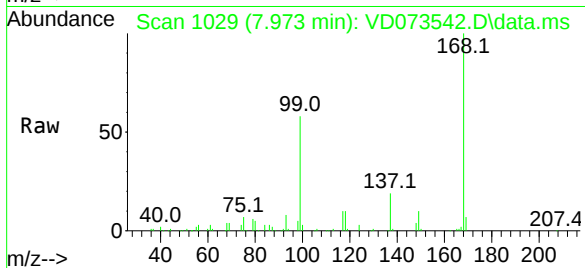




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073542.D
Acq: 13 Jun 2022 13:15

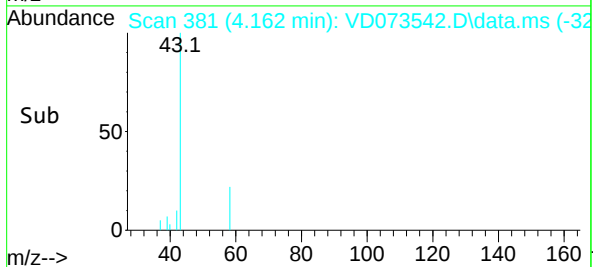
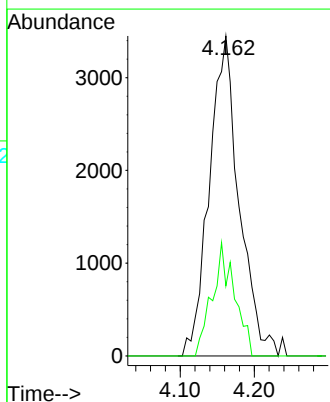
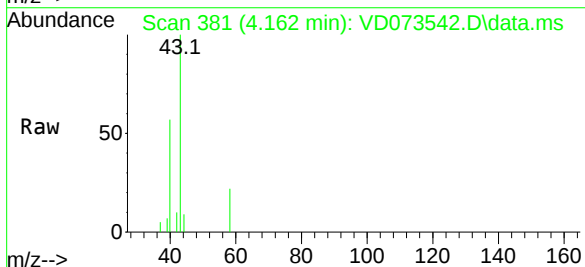
Instrument :
MSVOA_D
ClientSampleId :
CR-2

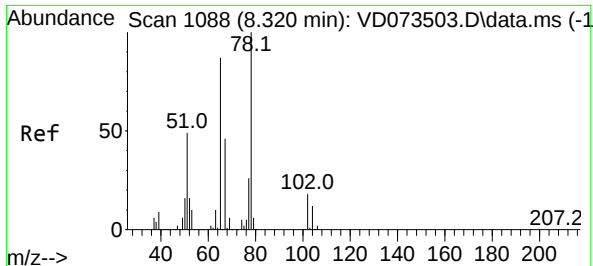
Tgt Ion:168 Resp: 221591
Ion Ratio Lower Upper
168 100
99 58.1 49.8 74.6



#16
Acetone
Concen: 23.028 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD073542.D
Acq: 13 Jun 2022 13:15

Tgt Ion: 43 Resp: 9642
Ion Ratio Lower Upper
43 100
58 21.9 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 46.002 ug/l

RT: 8.320 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073542.D

Acq: 13 Jun 2022 13:15

Instrument :

MSVOA_D

ClientSampleId :

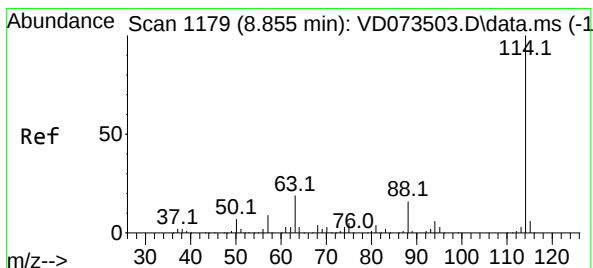
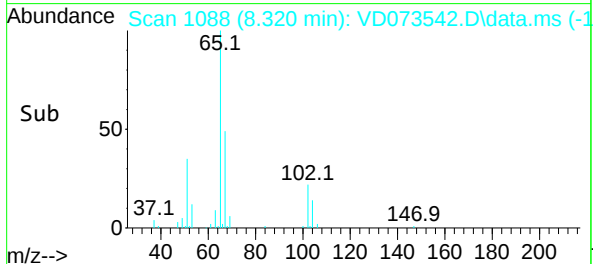
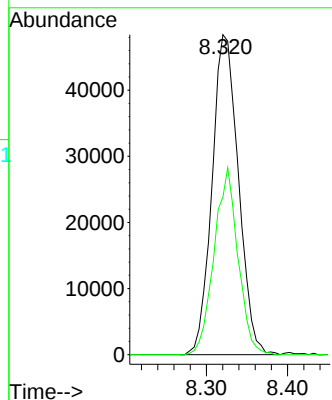
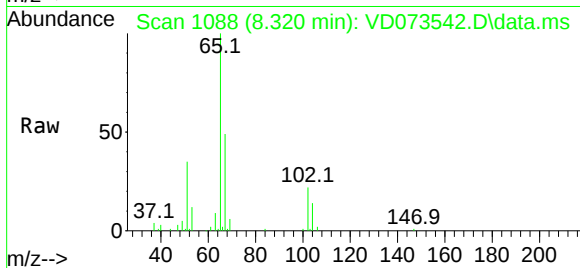
CR-2

Tgt Ion: 65 Resp: 109391

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073542.D

Acq: 13 Jun 2022 13:15

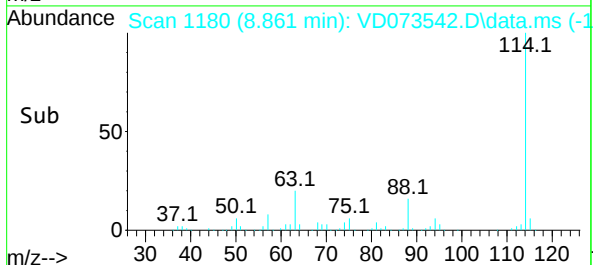
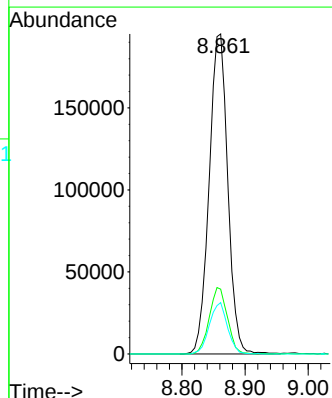
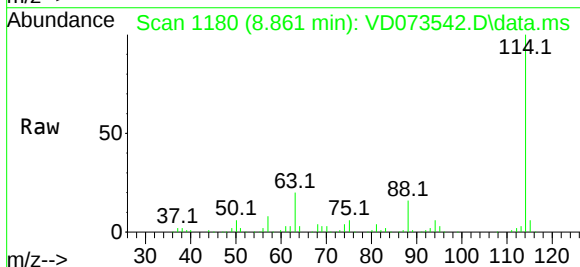
Tgt Ion: 114 Resp: 399484

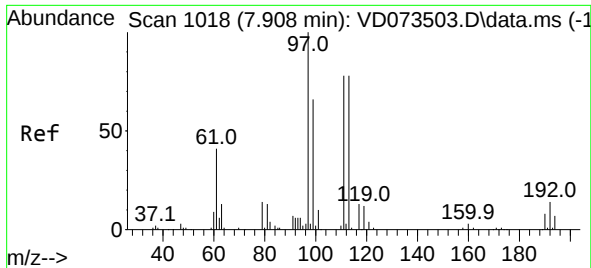
Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 16.0 0.0 33.2

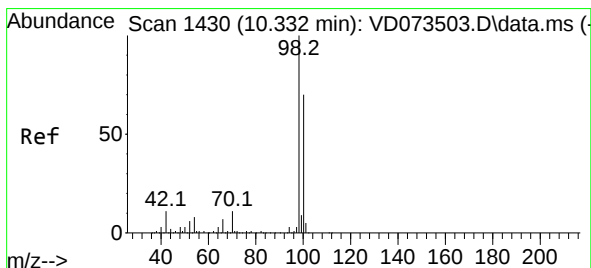
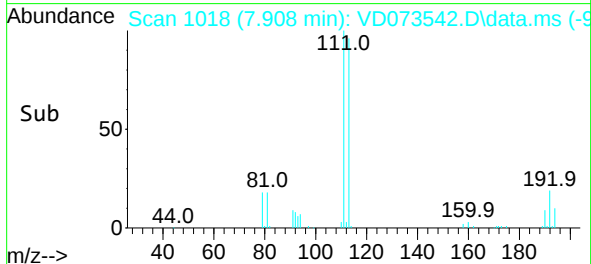
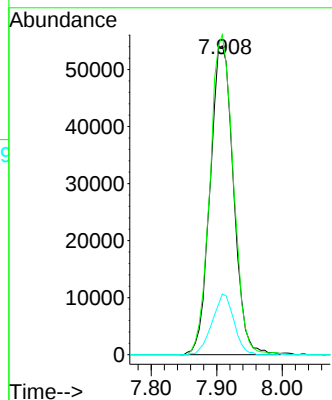
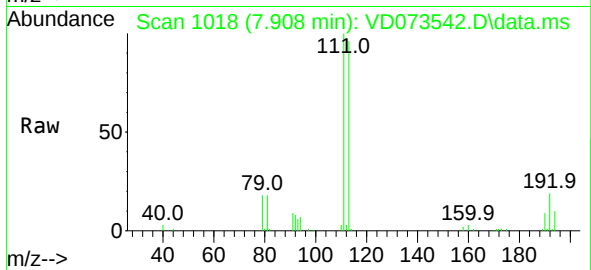




#35
Dibromofluoromethane
Concen: 52.196 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073542.D
Acq: 13 Jun 2022 13:15

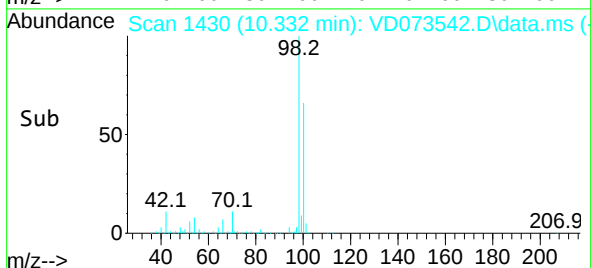
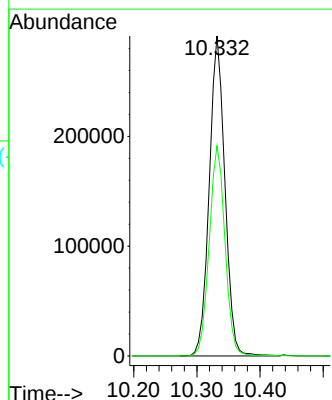
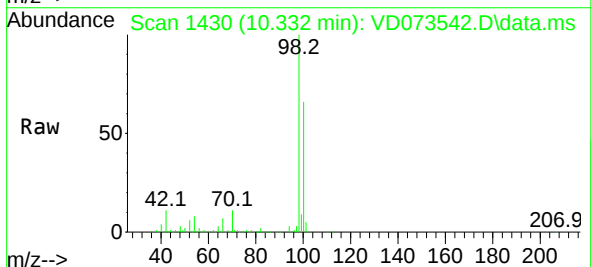
Instrument :
MSVOA_D
ClientSampleId :
CR-2

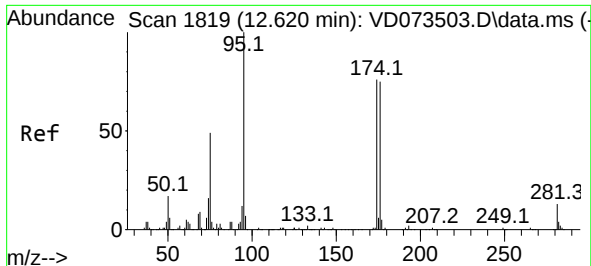
Tgt Ion:113 Resp: 134084
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 18.2 14.6 21.8



#50
Toluene-d8
Concen: 51.550 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073542.D
Acq: 13 Jun 2022 13:15

Tgt Ion: 98 Resp: 500681
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

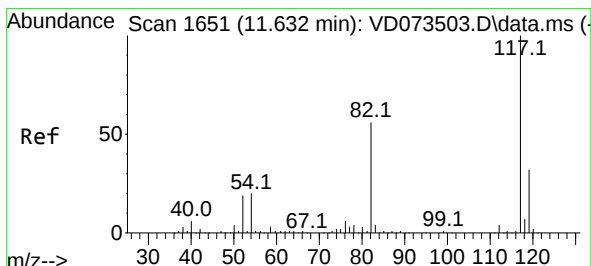
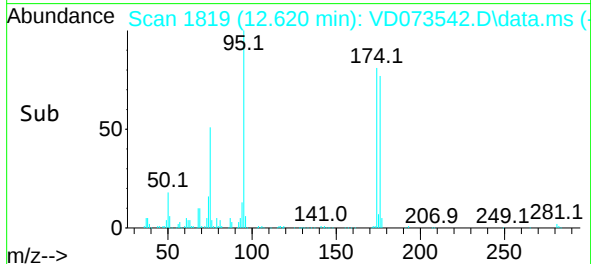
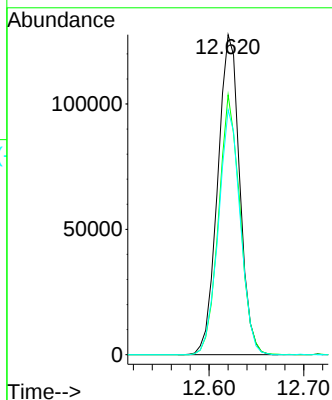
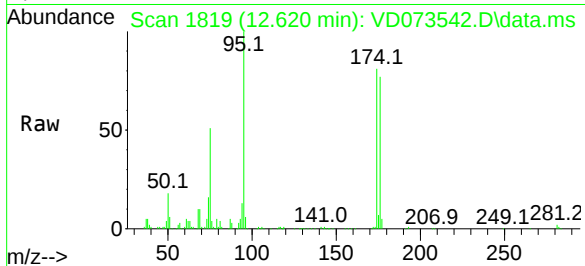




#62
4-Bromofluorobenzene
Concen: 58.572 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073542.D
Acq: 13 Jun 2022 13:15

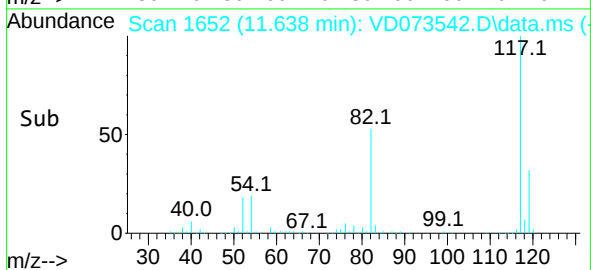
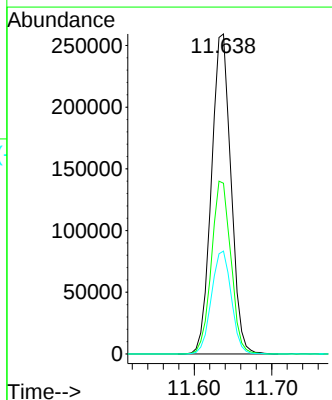
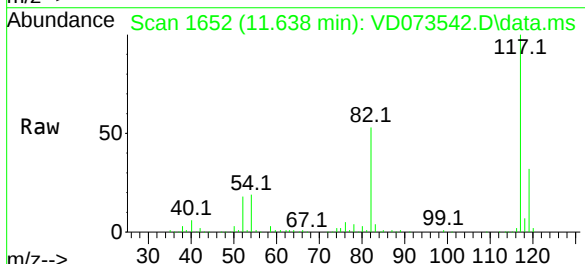
Instrument :
MSVOA_D
ClientSampleId :
CR-2

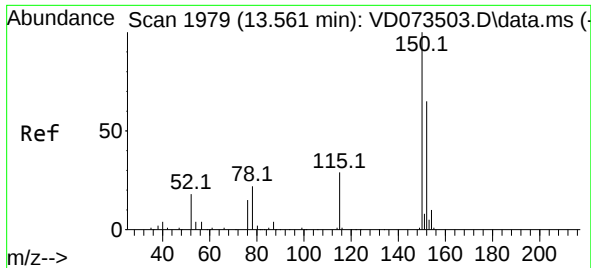
Tgt Ion: 95 Resp: 206517
Ion Ratio Lower Upper
95 100
174 78.6 0.0 152.8
176 76.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073542.D
Acq: 13 Jun 2022 13:15

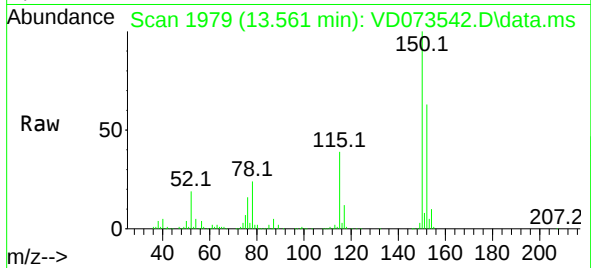
Tgt Ion: 117 Resp: 454653
Ion Ratio Lower Upper
117 100
82 53.3 45.3 67.9
119 32.2 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073542.D
 Acq: 13 Jun 2022 13:15

Instrument :
 MSVOA_D
 ClientSampleId :
 CR-2



Tgt Ion:152 Resp: 210789
 Ion Ratio Lower Upper
 152 100
 115 58.9 31.3 93.8
 150 158.5 0.0 348.6

