

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
 Data File : VD073527.D
 Acq On : 10 Jun 2022 14:36
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jun 10 23:05:57 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)

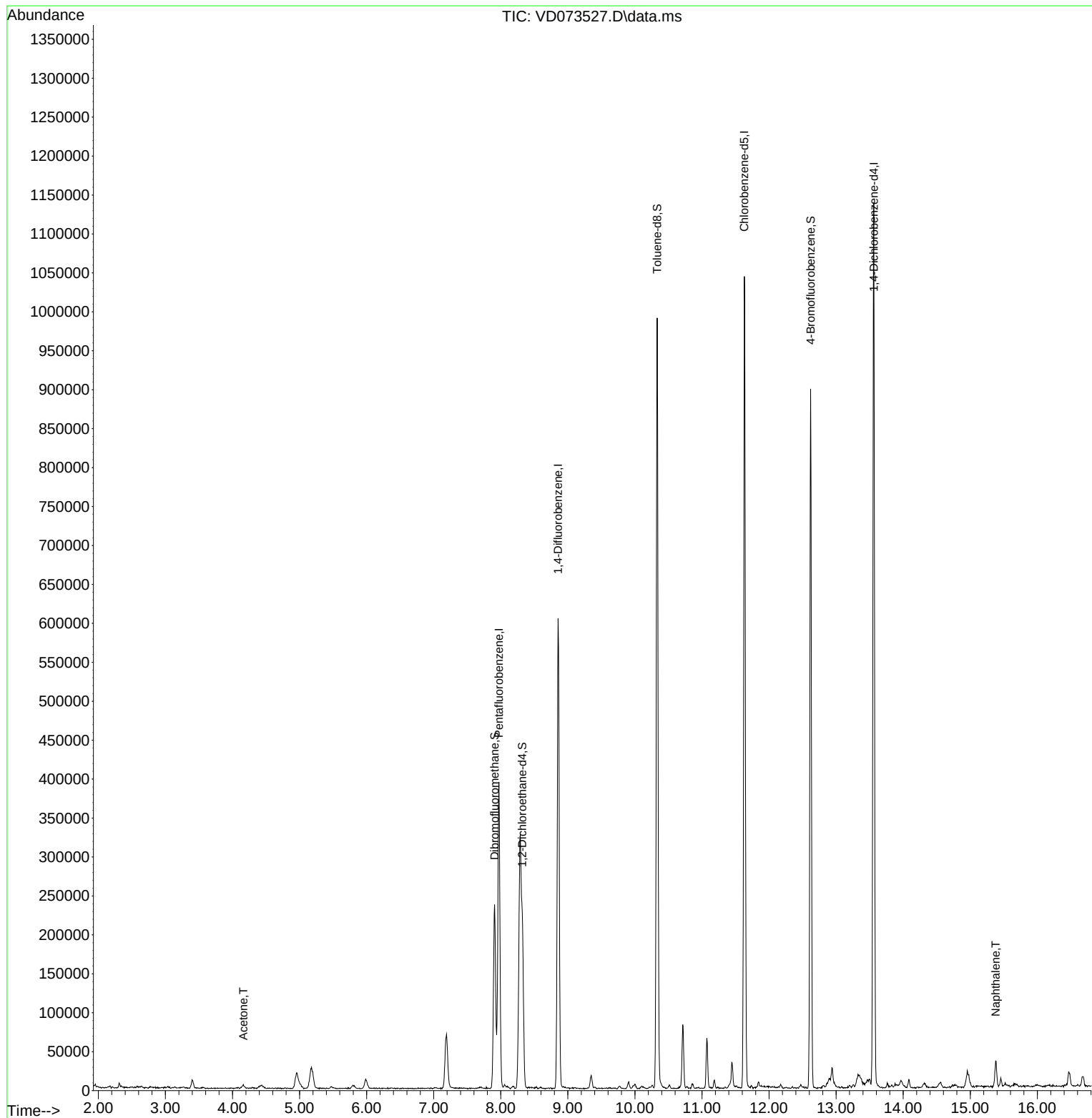
Internal Standards						
1) Pentafluorobenzene	7.973	168	284567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	535617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	603992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	312780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	145559	47.665	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.340%
35) Dibromofluoromethane	7.908	113	171902	49.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.820%
50) Toluene-d8	10.332	98	667209	51.236	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.480%
62) 4-Bromofluorobenzene	12.620	95	288926	61.117	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.240%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	7510	13.967	ug/l #	57
95) Naphthalene	15.379	128	31687	6.773	ug/l	98

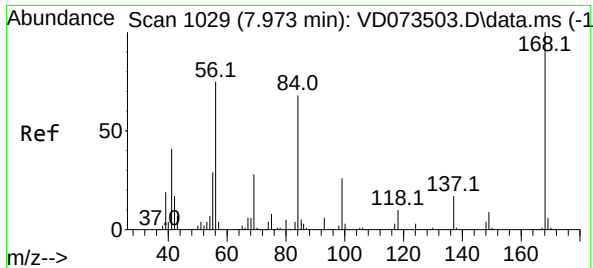
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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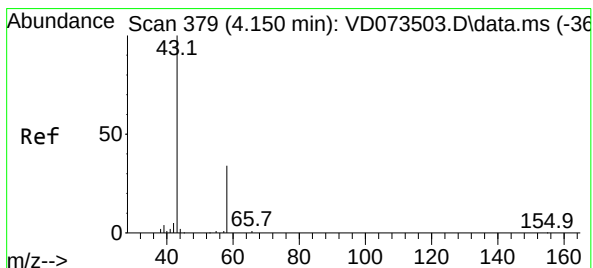
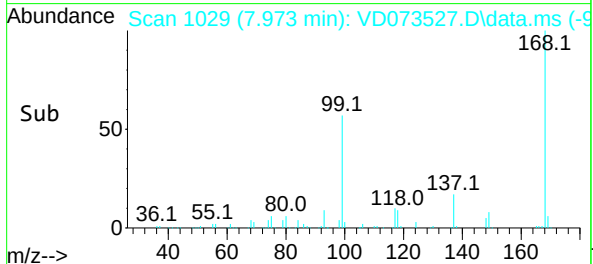
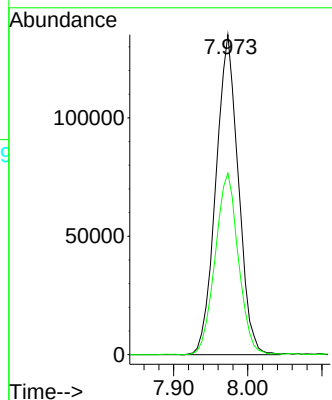
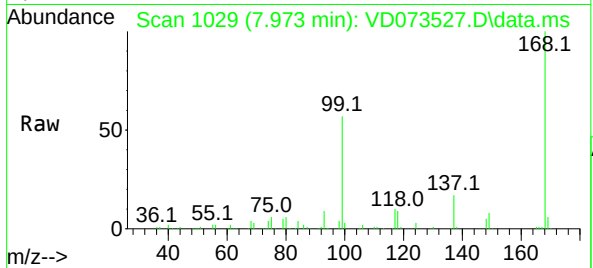




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

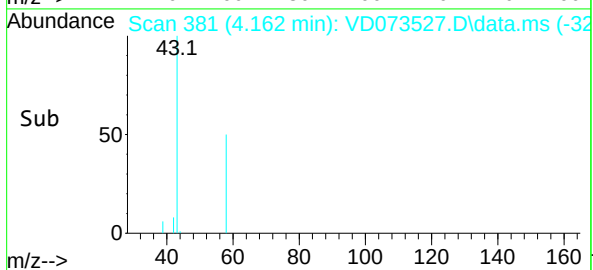
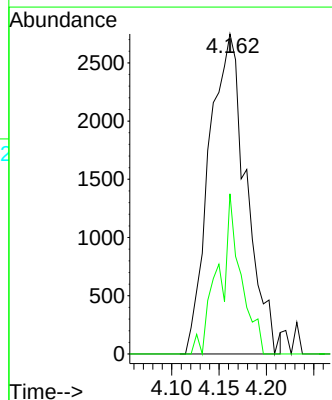
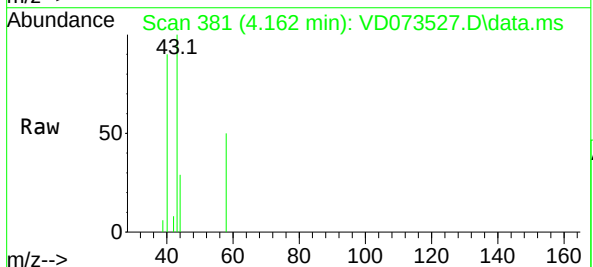
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

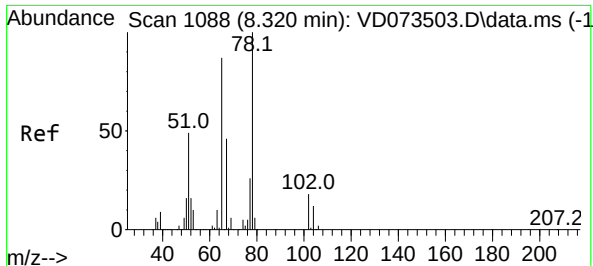
Tgt Ion:168 Resp: 284567
Ion Ratio Lower Upper
168 100
99 56.8 49.8 74.6



#16
Acetone
Concen: 13.967 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

Tgt Ion: 43 Resp: 7510
Ion Ratio Lower Upper
43 100
58 50.0 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 47.665 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073527.D

Acq: 10 Jun 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

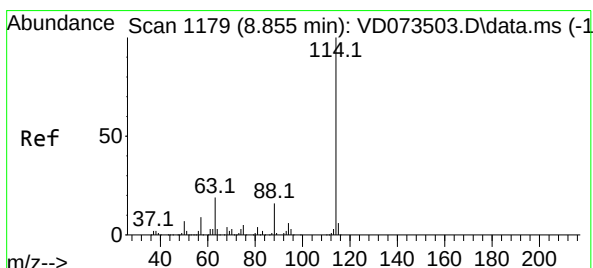
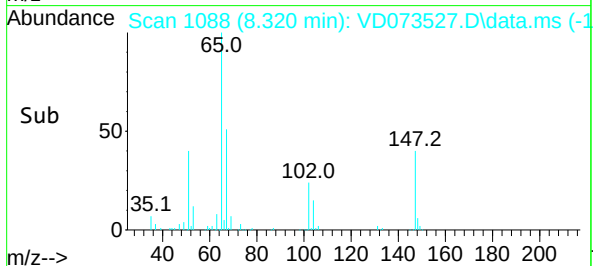
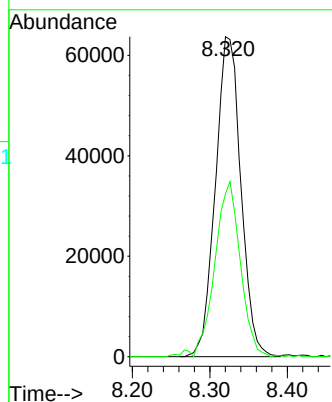
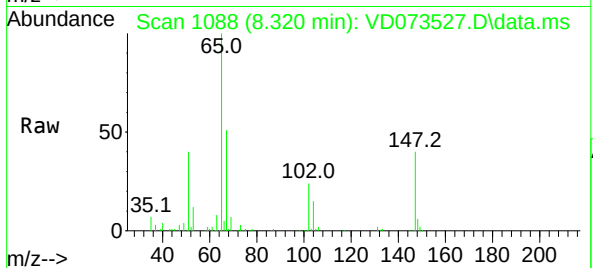
VIBLK

Tgt Ion: 65 Resp: 145559

Ion Ratio Lower Upper

65 100

67 55.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073527.D

Acq: 10 Jun 2022 14:36

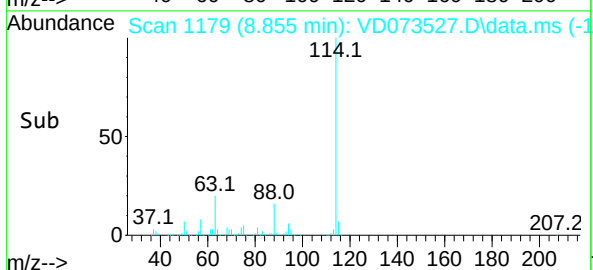
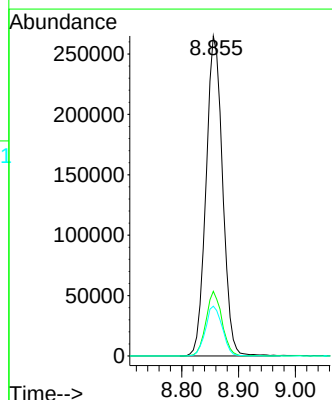
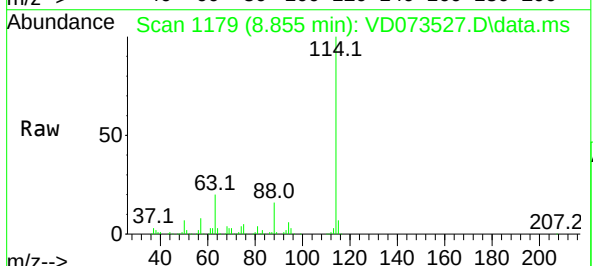
Tgt Ion: 114 Resp: 535617

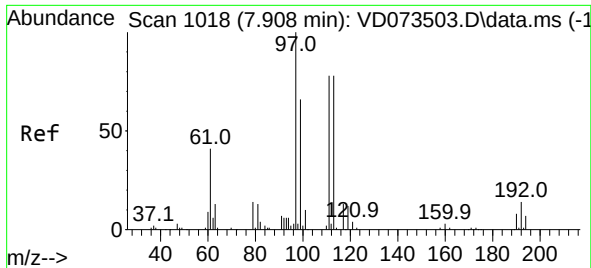
Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 15.6 0.0 33.2

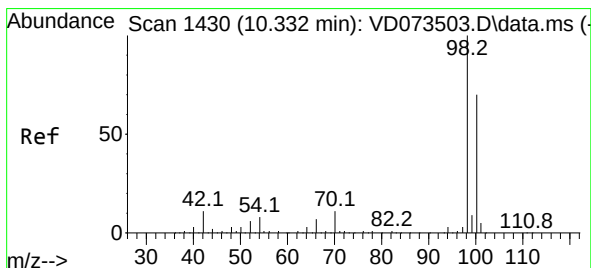
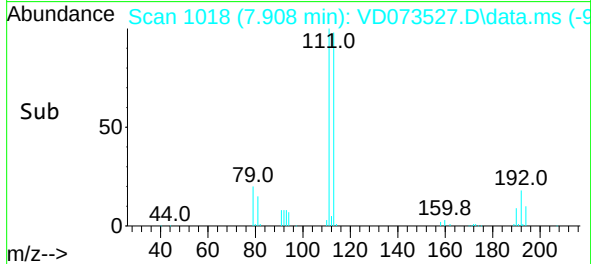
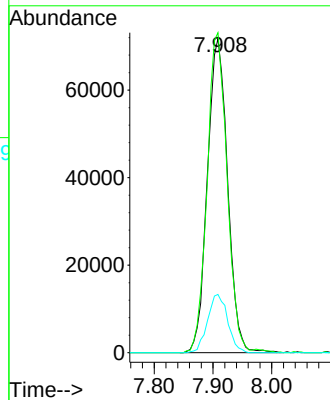
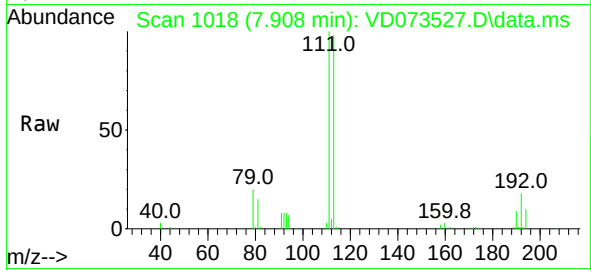




#35
Dibromofluoromethane
Concen: 49.910 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

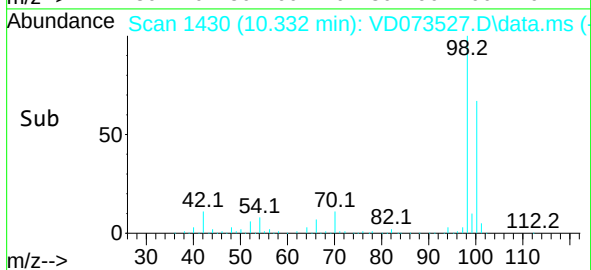
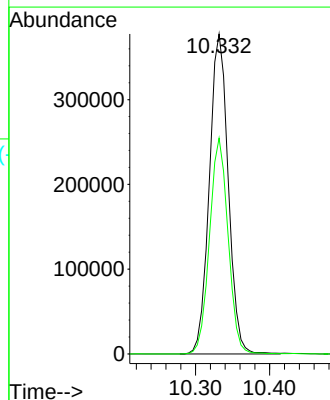
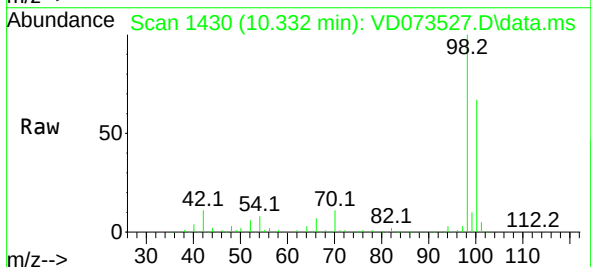
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

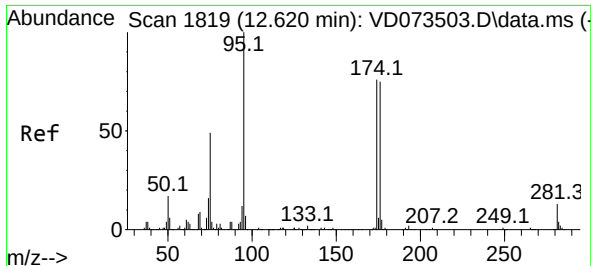
Tgt Ion:113 Resp: 171902
Ion Ratio Lower Upper
113 100
111 100.0 83.8 125.6
192 18.4 14.6 21.8



#50
Toluene-d8
Concen: 51.236 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

Tgt Ion: 98 Resp: 667209
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6

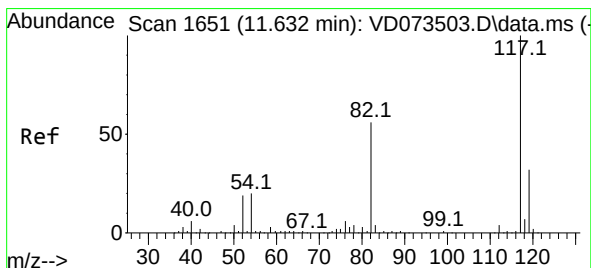
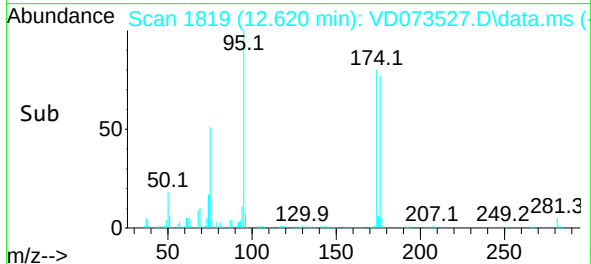
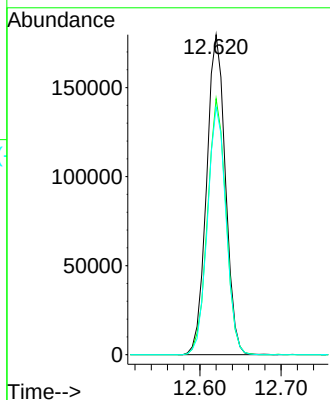
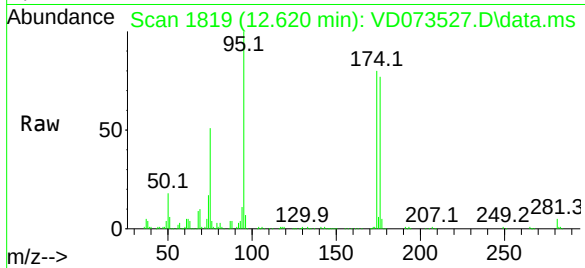




#62
4-Bromofluorobenzene
Concen: 61.117 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

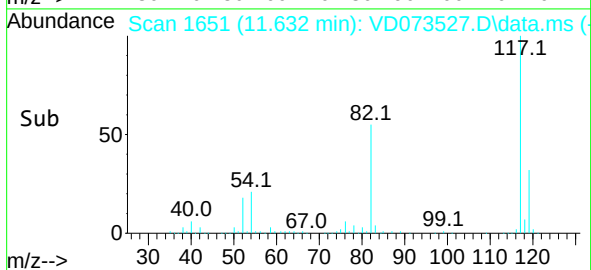
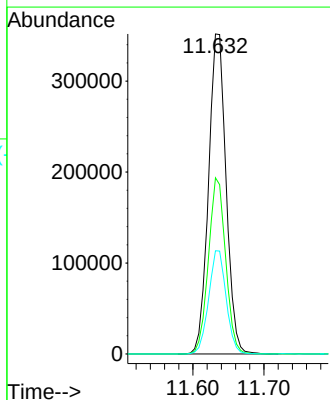
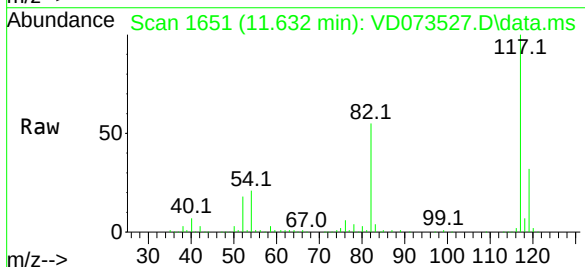
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

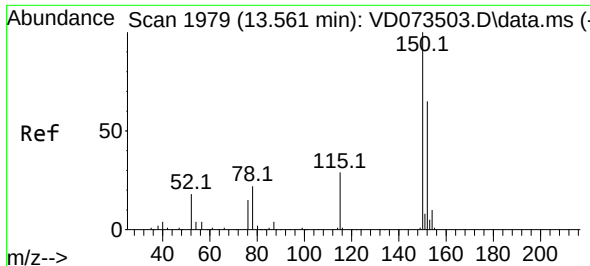
Tgt Ion: 95 Resp: 288926
Ion Ratio Lower Upper
95 100
174 78.4 0.0 152.8
176 76.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

Tgt Ion: 117 Resp: 603992
Ion Ratio Lower Upper
117 100
82 55.0 45.3 67.9
119 32.3 26.6 40.0

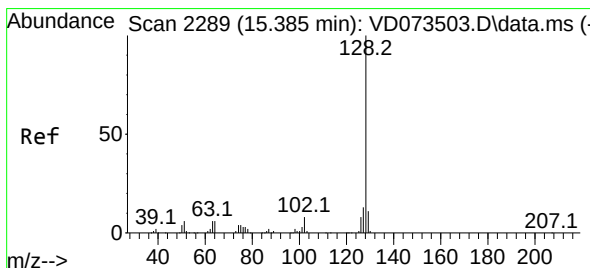
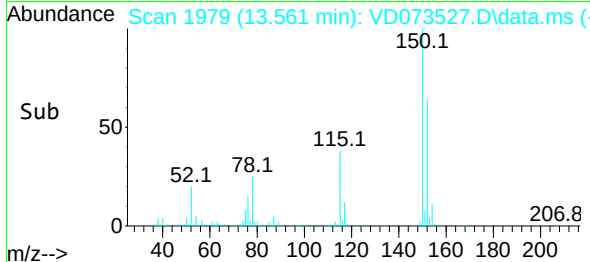
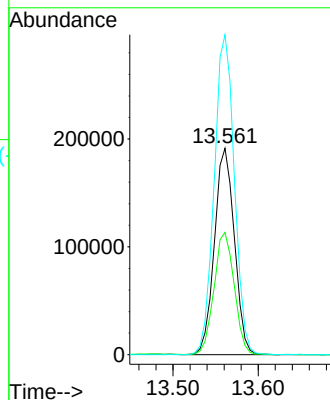
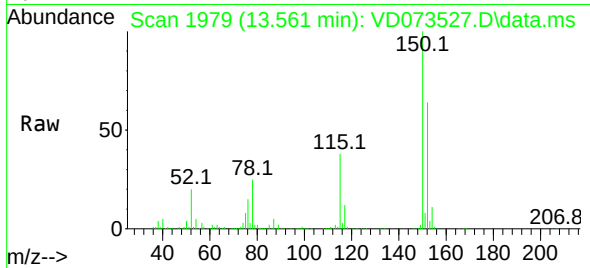




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:152 Resp: 312780
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 156.3 0.0 348.6



#95
Naphthalene
Concen: 6.773 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073527.D
Acq: 10 Jun 2022 14:36

Tgt Ion:128 Resp: 31687
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 10.9 8.4 12.6

