

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073100.D
 Acq On : 18 May 2022 15:45
 Operator : VA/SY
 Sample : N2832-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB01

Quant Time: May 19 04:45:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

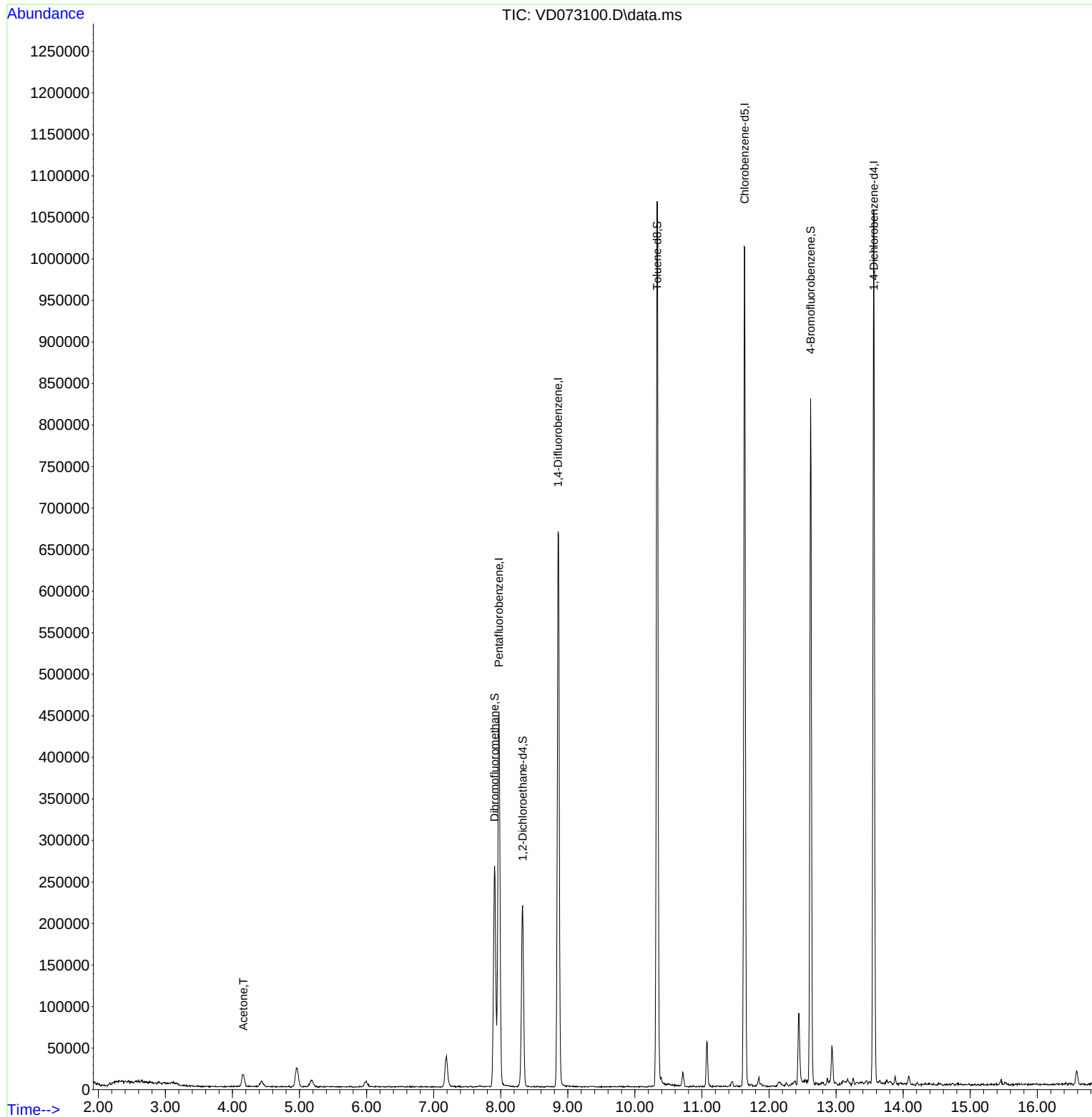
Internal Standards						
1) Pentafluorobenzene	7.973	168	330407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	582481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	590511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	268413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	173072	41.886	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.780%
35) Dibromofluoromethane	7.909	113	193073	47.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.420%
50) Toluene-d8	10.332	98	712819	48.045	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.080%
62) 4-Bromofluorobenzene	12.620	95	273092	50.820	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.640%
Target Compounds						
16) Acetone	4.162	43	26979	36.081	ug/l	Qvalue # 85

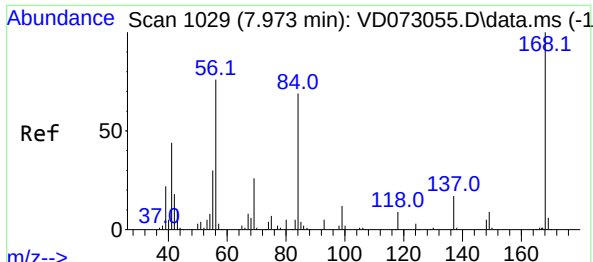
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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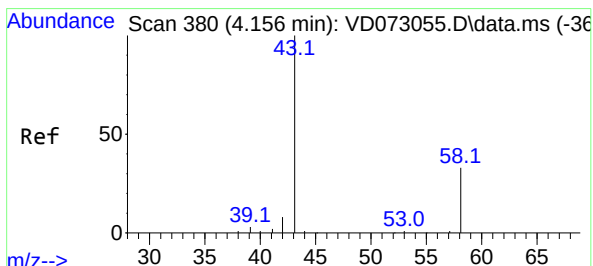
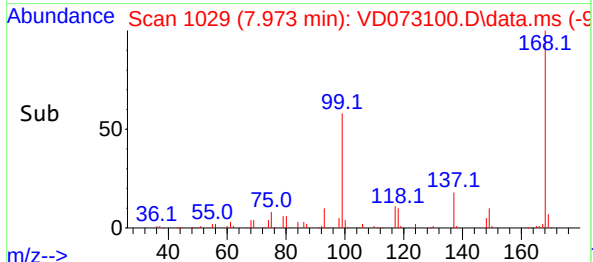
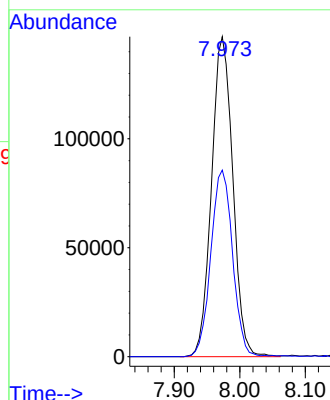
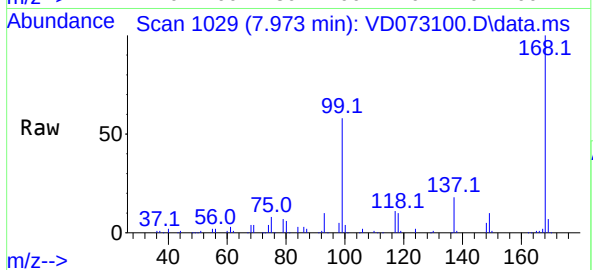




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

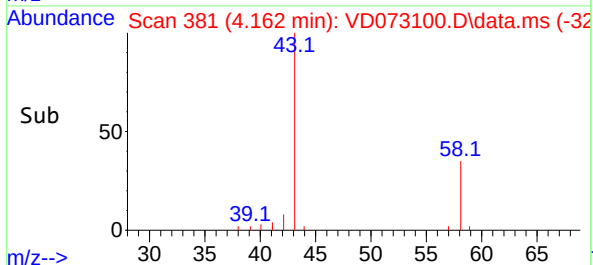
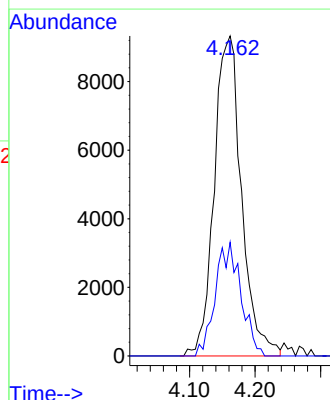
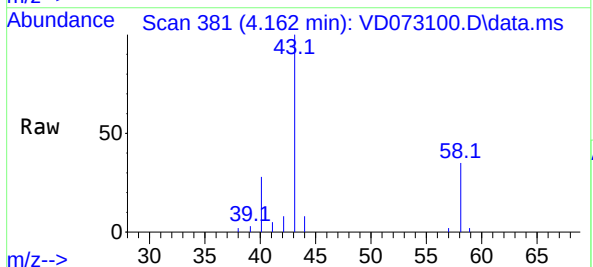
Instrument :
MSVOA_D
ClientSampleId :
SB01

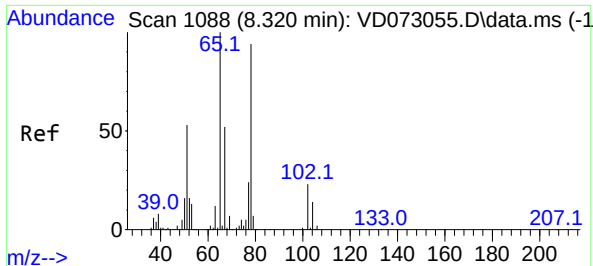
Tgt Ion:168 Resp: 330407
Ion Ratio Lower Upper
168 100
99 58.3 49.8 74.6



#16
Acetone
Concen: 36.081 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

Tgt Ion: 43 Resp: 26979
Ion Ratio Lower Upper
43 100
58 35.5 22.1 33.1#

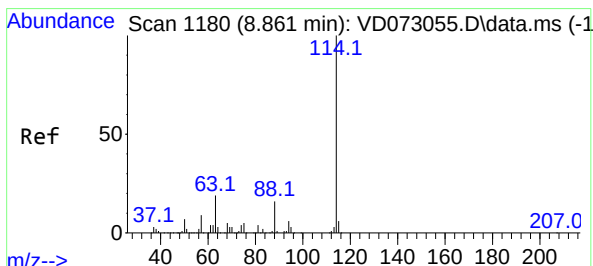
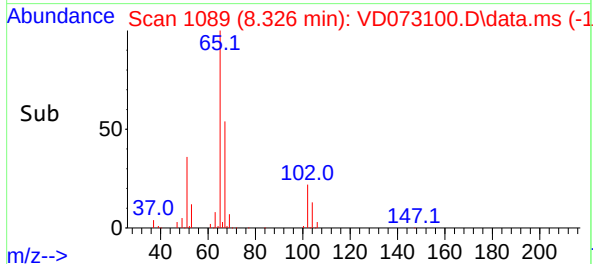
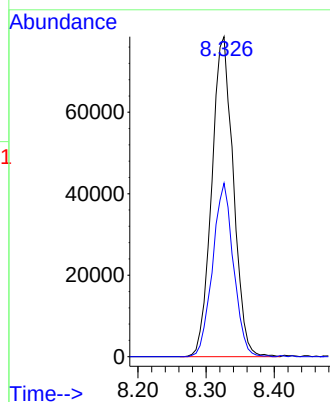
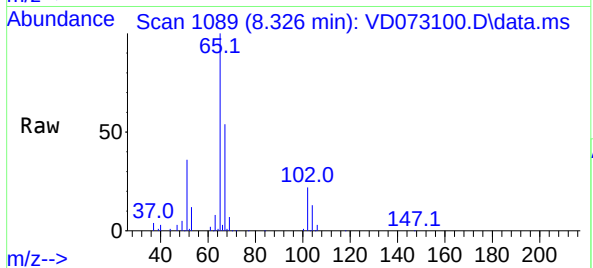




#33
1,2-Dichloroethane-d4
Concen: 41.886 ug/l
RT: 8.326 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

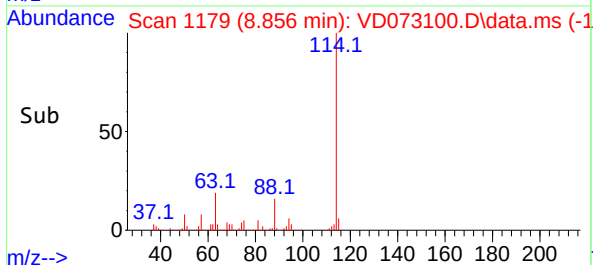
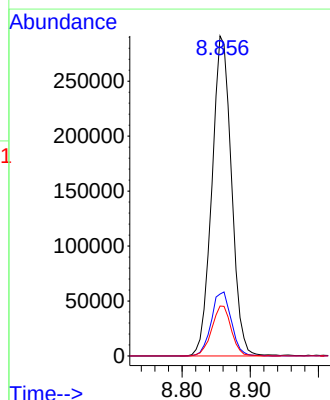
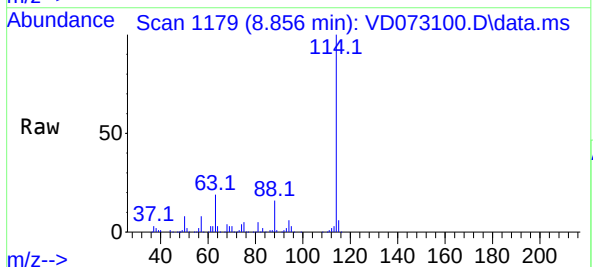
Instrument :
MSVOA_D
ClientSampleId :
SB01

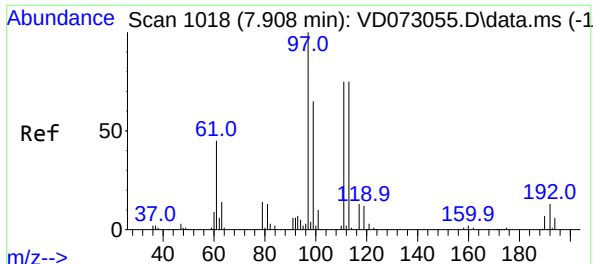
Tgt Ion: 65 Resp: 173072
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

Tgt Ion: 114 Resp: 582481
Ion Ratio Lower Upper
114 100
63 19.4 0.0 46.6
88 15.6 0.0 33.2

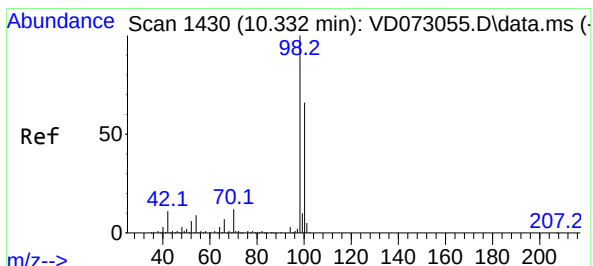
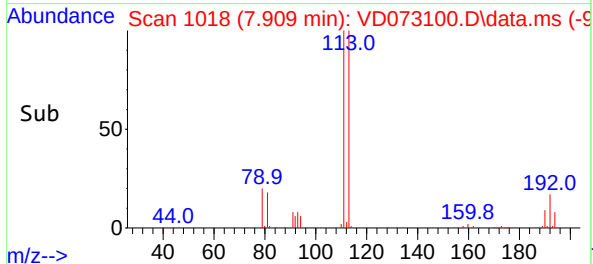
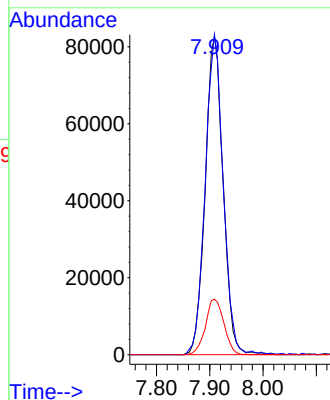
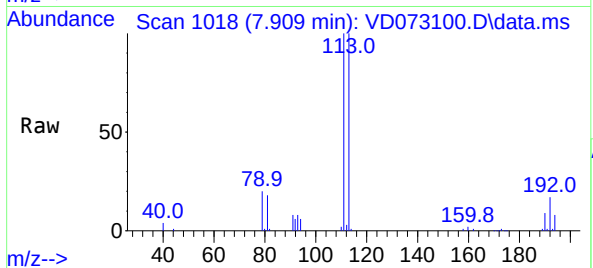




#35
Dibromofluoromethane
Concen: 47.210 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

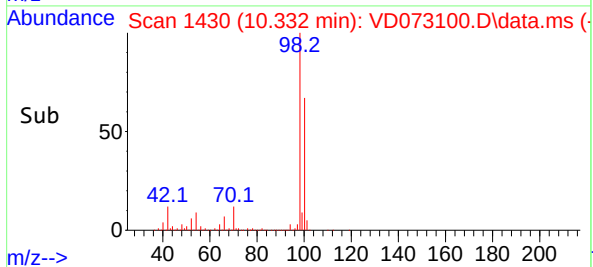
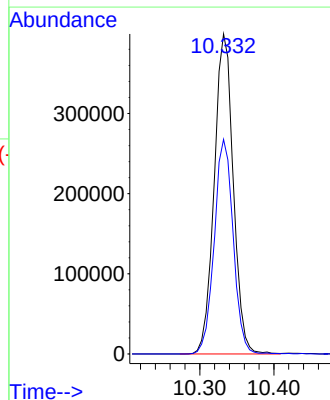
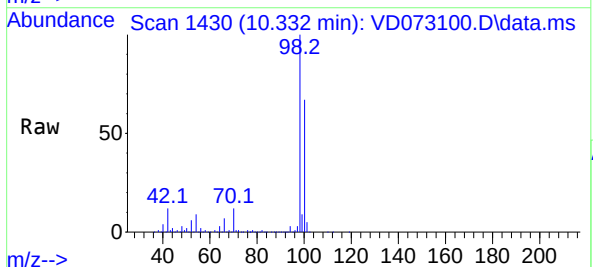
Instrument :
MSVOA_D
ClientSampleId :
SB01

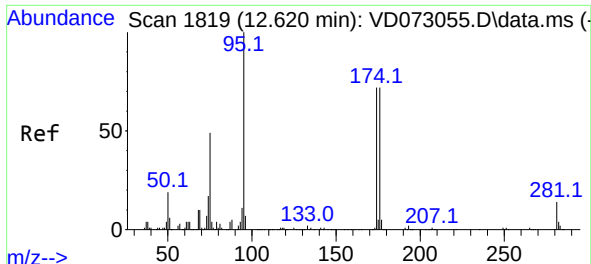
Tgt Ion:113 Resp: 193073
Ion Ratio Lower Upper
113 100
111 100.4 83.8 125.6
192 18.0 14.6 21.8



#50
Toluene-d8
Concen: 48.045 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

Tgt Ion: 98 Resp: 712819
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6

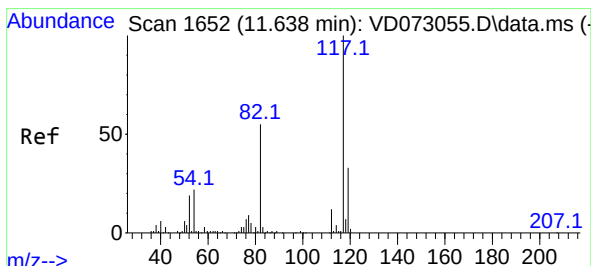
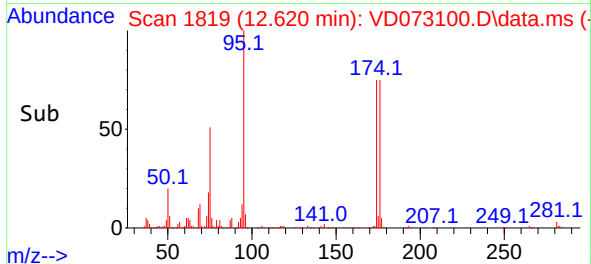
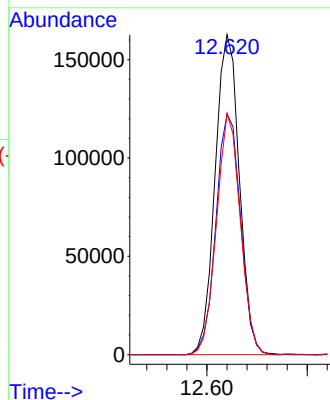
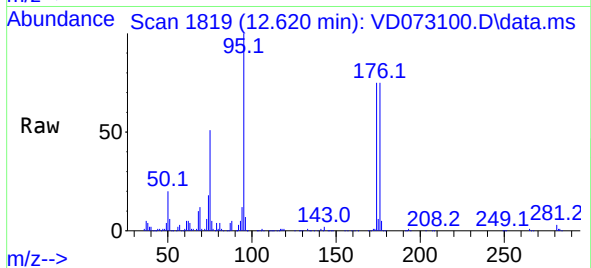




#62
4-Bromofluorobenzene
Concen: 50.820 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

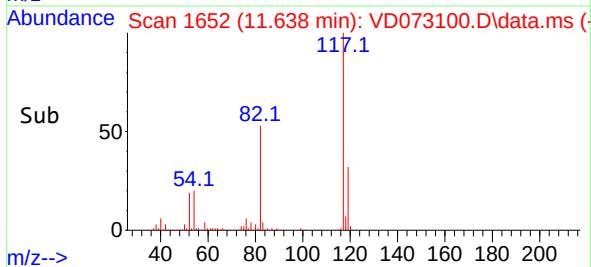
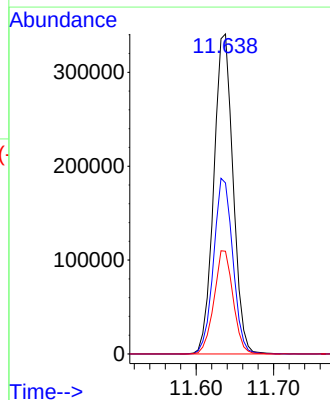
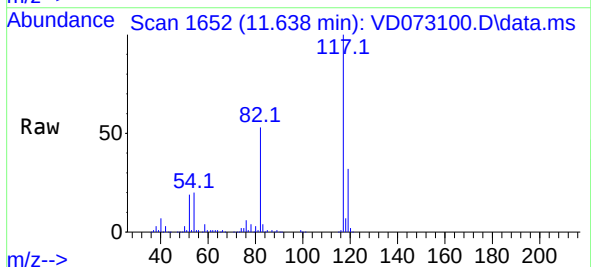
Instrument :
MSVOA_D
ClientSampleId :
SB01

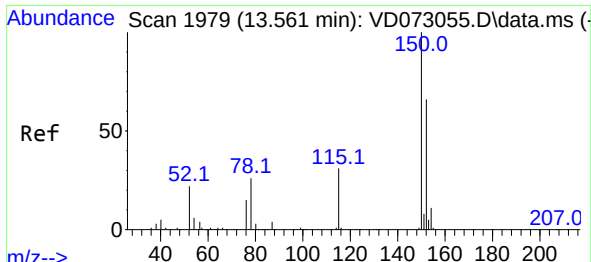
Tgt Ion: 95 Resp: 273092
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.8
176 74.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

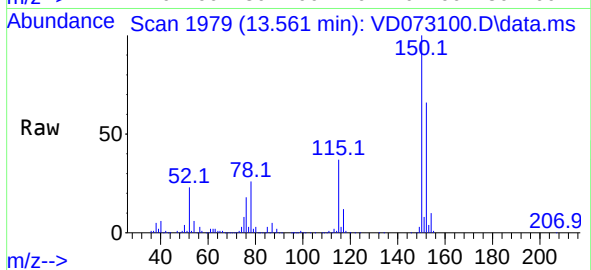
Tgt Ion: 117 Resp: 590511
Ion Ratio Lower Upper
117 100
82 53.4 45.3 67.9
119 32.1 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073100.D
 Acq: 18 May 2022 15:45

Instrument :
 MSVOA_D
 ClientSampleId :
 SB01



Tgt Ion:152 Resp: 268413

Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.3	93.8
150	158.4	0.0	348.6

