

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073101.D
 Acq On : 18 May 2022 16:14
 Operator : VA/SY
 Sample : N2832-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB08

Quant Time: May 19 04:45:21 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)

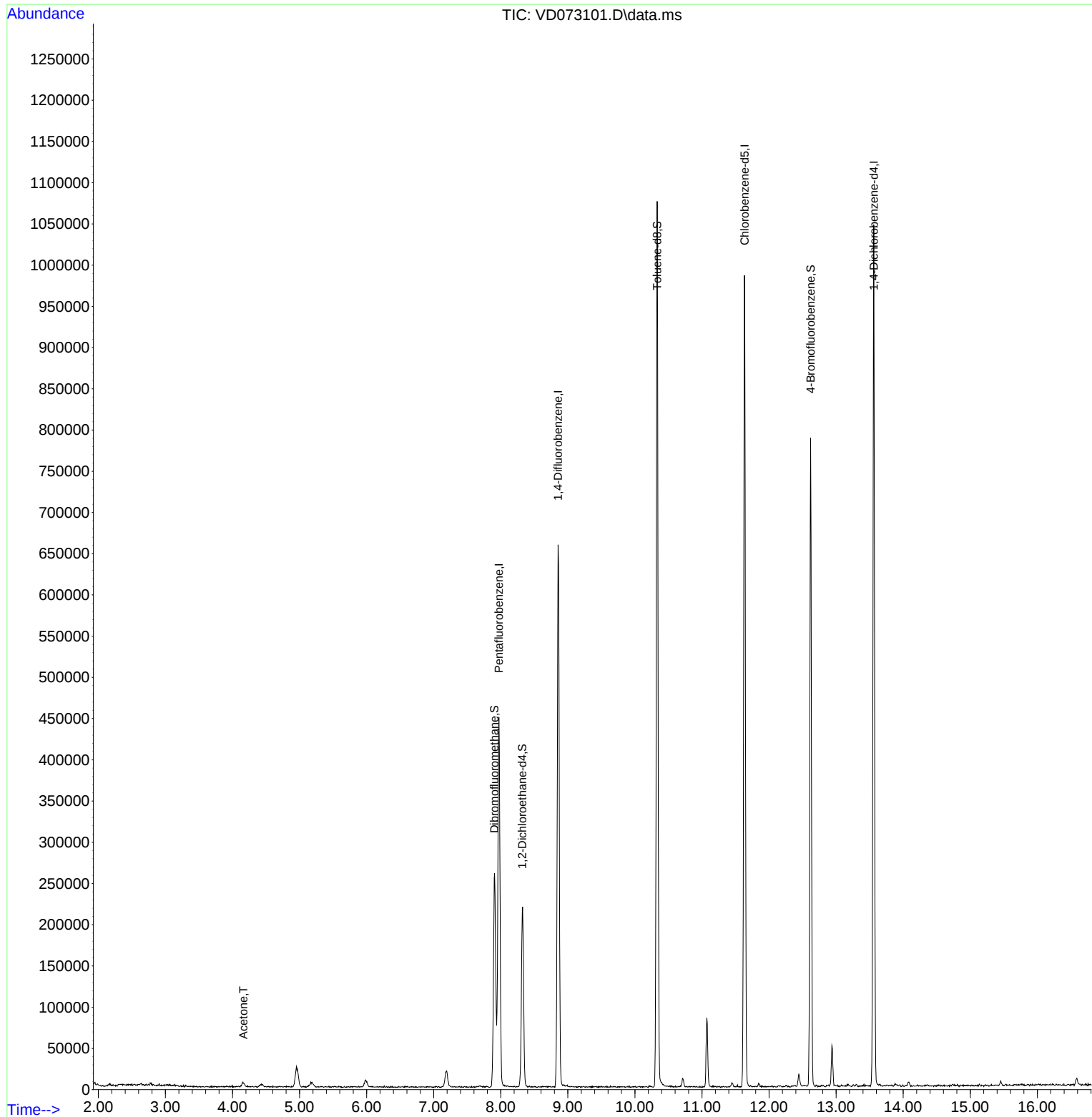
Internal Standards						
1) Pentafluorobenzene	7.973	168	322859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	569202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	582975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	263118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	175613	43.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.980%
35) Dibromofluoromethane	7.903	113	188979	47.287	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.580%
50) Toluene-d8	10.332	98	695862	47.996	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.000%
62) 4-Bromofluorobenzene	12.620	95	256181	48.785	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.580%
Target Compounds						
16) Acetone	4.162	43	10461	14.317	ug/l	Qvalue 98

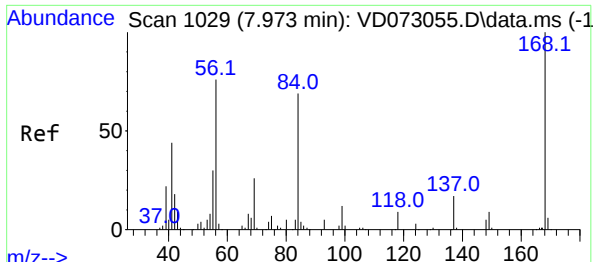
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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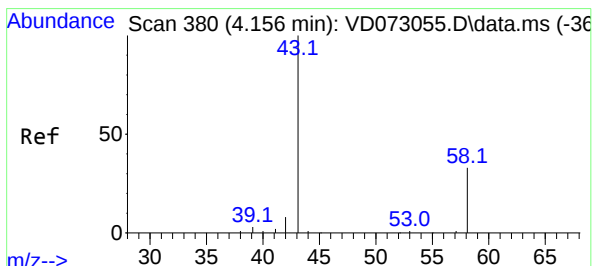
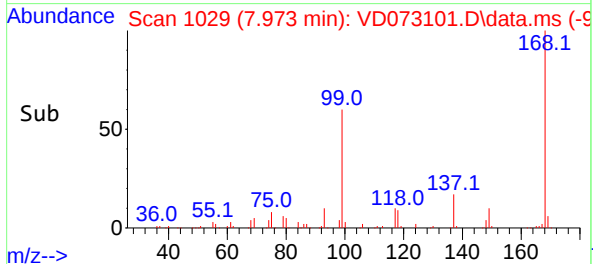
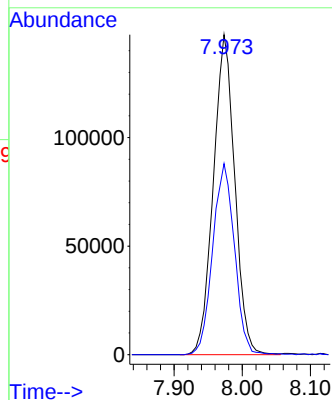
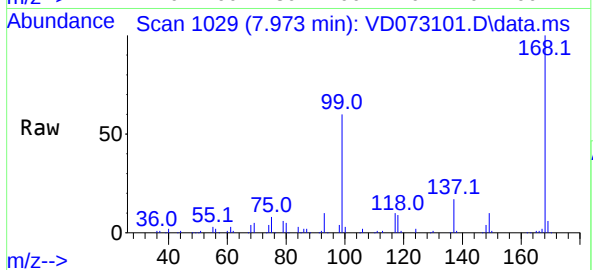




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073101.D
Acq: 18 May 2022 16:14

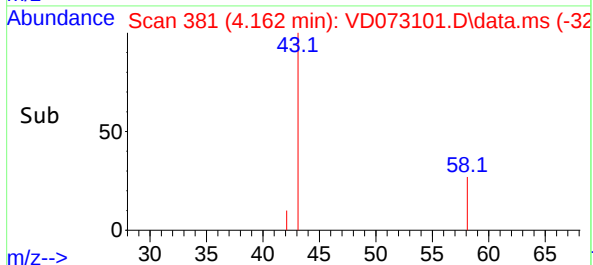
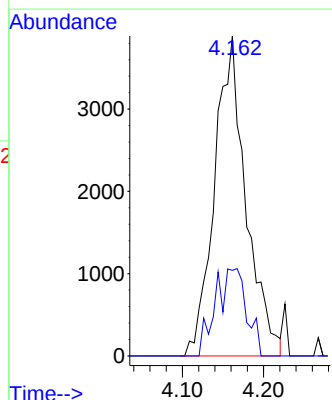
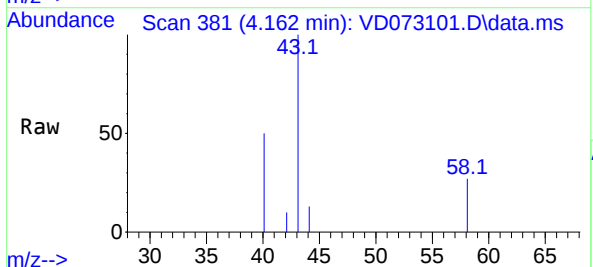
Instrument :
MSVOA_D
ClientSampleId :
SB08

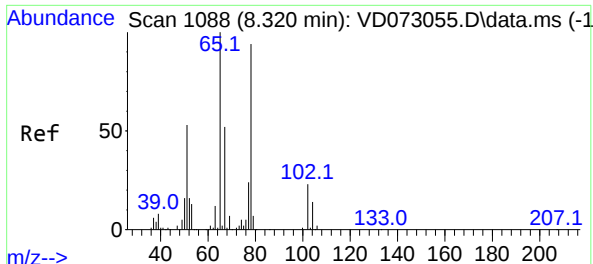
Tgt Ion:168 Resp: 322859
Ion Ratio Lower Upper
168 100
99 59.7 49.8 74.6



#16
Acetone
Concen: 14.317 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073101.D
Acq: 18 May 2022 16:14

Tgt Ion: 43 Resp: 10461
Ion Ratio Lower Upper
43 100
58 26.8 22.1 33.1

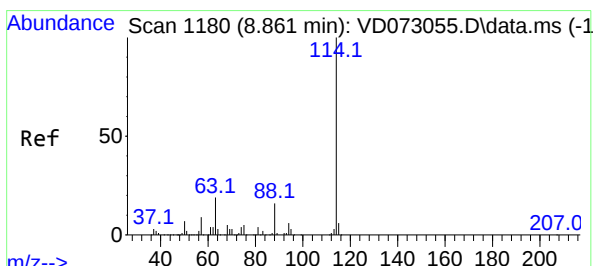
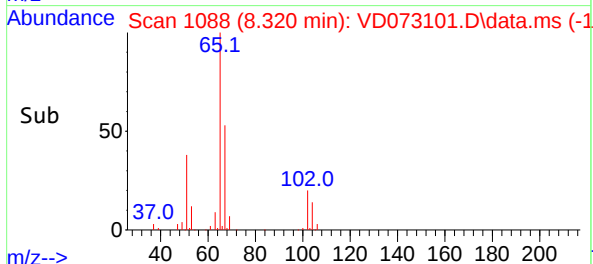
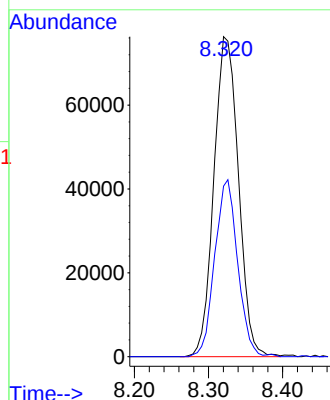
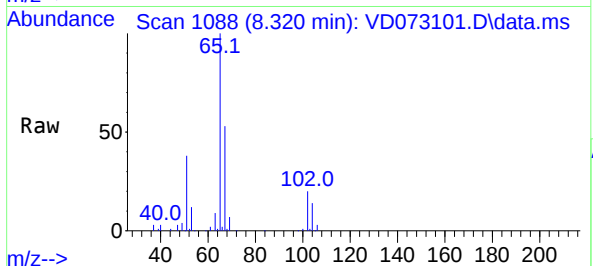




#33
1,2-Dichloroethane-d4
Concen: 43.494 ug/l
RT: 8.320 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VD073101.D
Acq: 18 May 2022 16:14

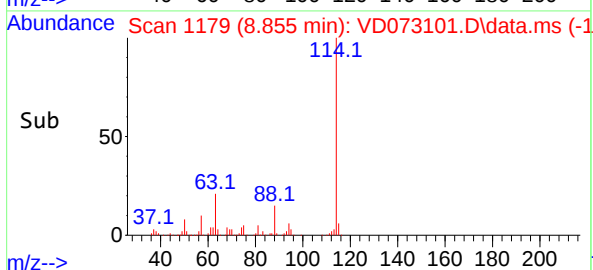
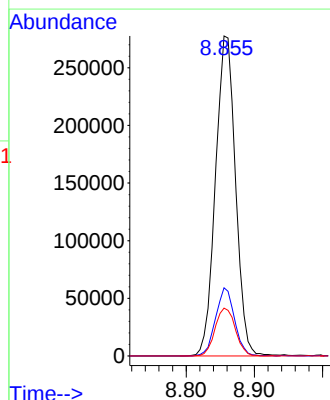
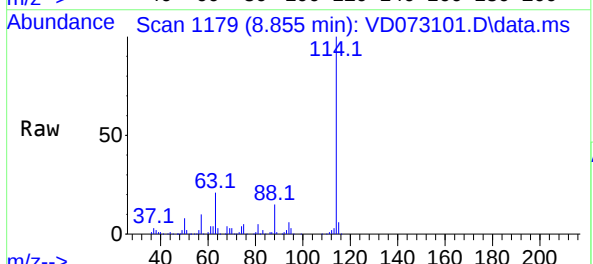
Instrument :
MSVOA_D
ClientSampleId :
SB08

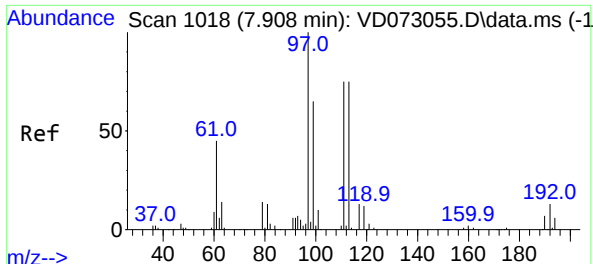
Tgt Ion: 65 Resp: 175613
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD073101.D
Acq: 18 May 2022 16:14

Tgt Ion: 114 Resp: 569202
Ion Ratio Lower Upper
114 100
63 21.3 0.0 46.6
88 15.0 0.0 33.2

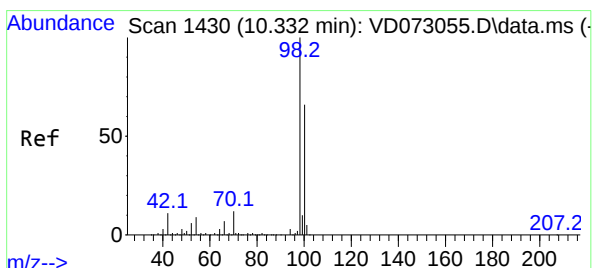
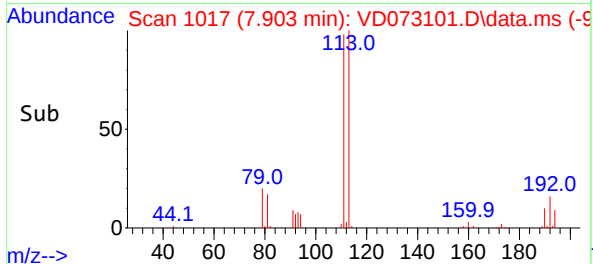
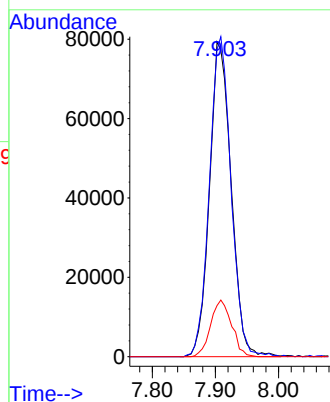
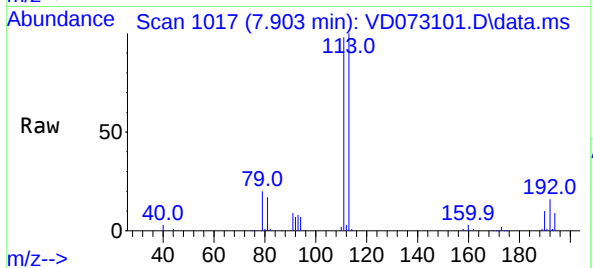




#35
Dibromofluoromethane
Concen: 47.287 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD073101.D
Acq: 18 May 2022 16:14

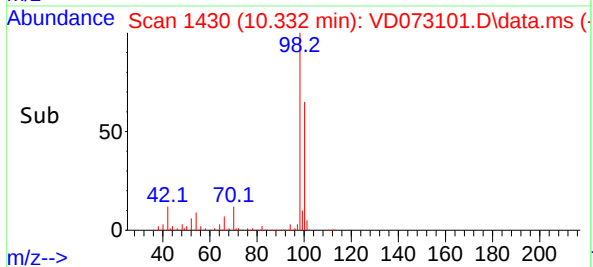
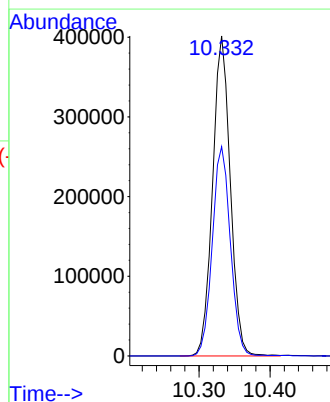
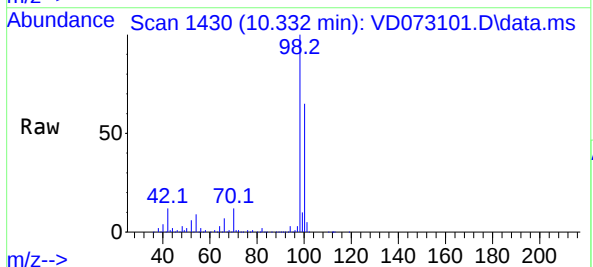
Instrument :
MSVOA_D
ClientSampleId :
SB08

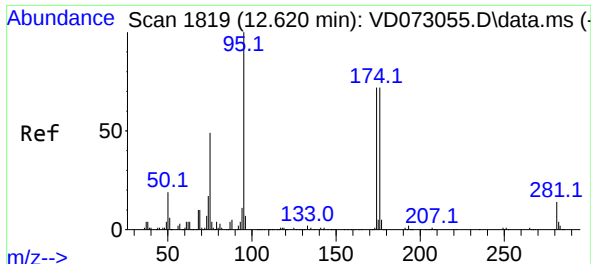
Tgt Ion:113 Resp: 188979
Ion Ratio Lower Upper
113 100
111 101.3 83.8 125.6
192 17.5 14.6 21.8



#50
Toluene-d8
Concen: 47.996 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073101.D
Acq: 18 May 2022 16:14

Tgt Ion: 98 Resp: 695862
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6

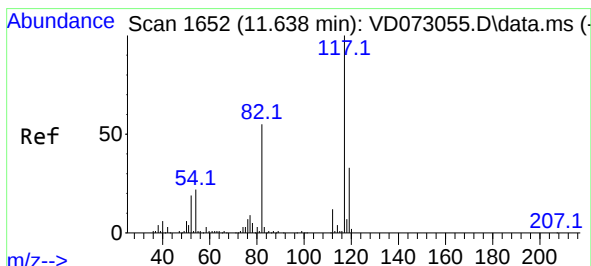
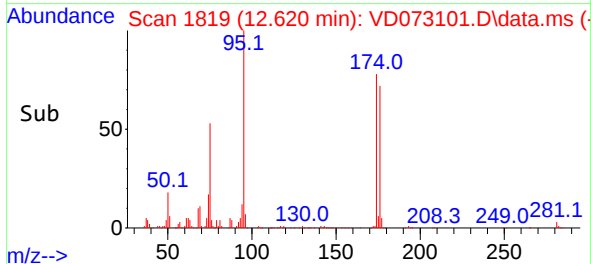
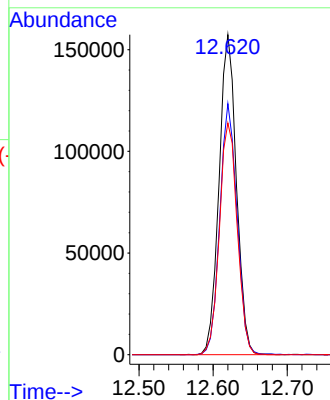
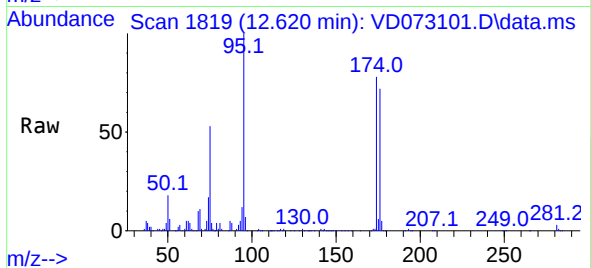




#62
4-Bromofluorobenzene
Concen: 48.785 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073101.D
Acq: 18 May 2022 16:14

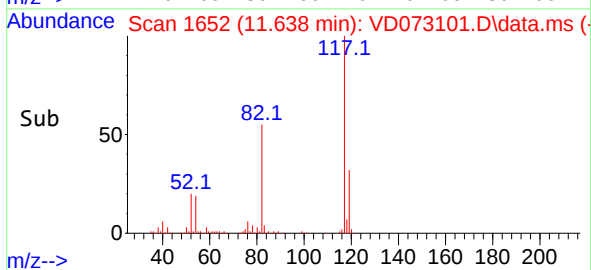
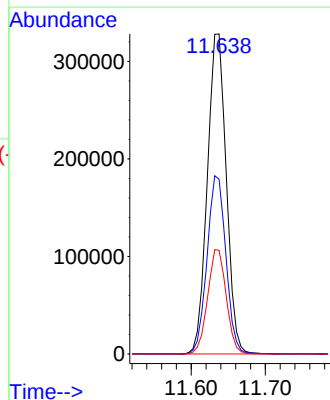
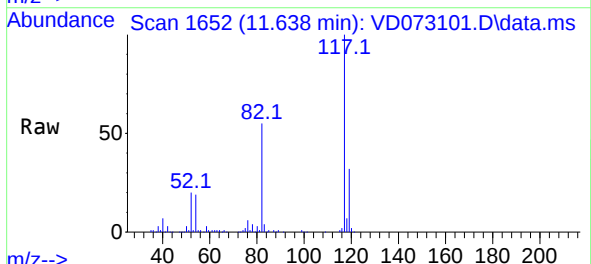
Instrument :
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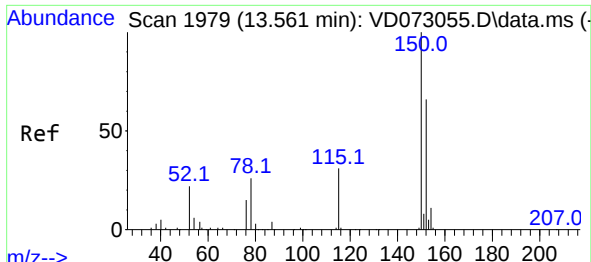
Tgt Ion: 95 Resp: 256181
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 74.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073101.D
Acq: 18 May 2022 16:14

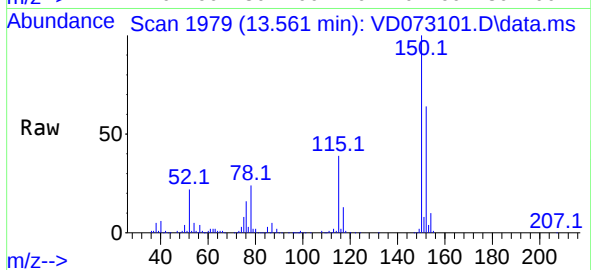
Tgt Ion: 117 Resp: 582975
Ion Ratio Lower Upper
117 100
82 54.6 45.3 67.9
119 32.4 26.6 40.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073101.D
Acq: 18 May 2022 16:14

Instrument :
MSVOA_D
ClientSampleId :
SB08



Tgt Ion:152 Resp: 263118
Ion Ratio Lower Upper
152 100
115 61.8 31.3 93.8
150 159.3 0.0 348.6

