

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012722\
 Data File : VD071810.D
 Acq On : 27 Jan 2022 19:09
 Operator : VA/SY
 Sample : N1319-04
 Misc : 8.58G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-1D

Quant Time: Jan 28 07:23:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

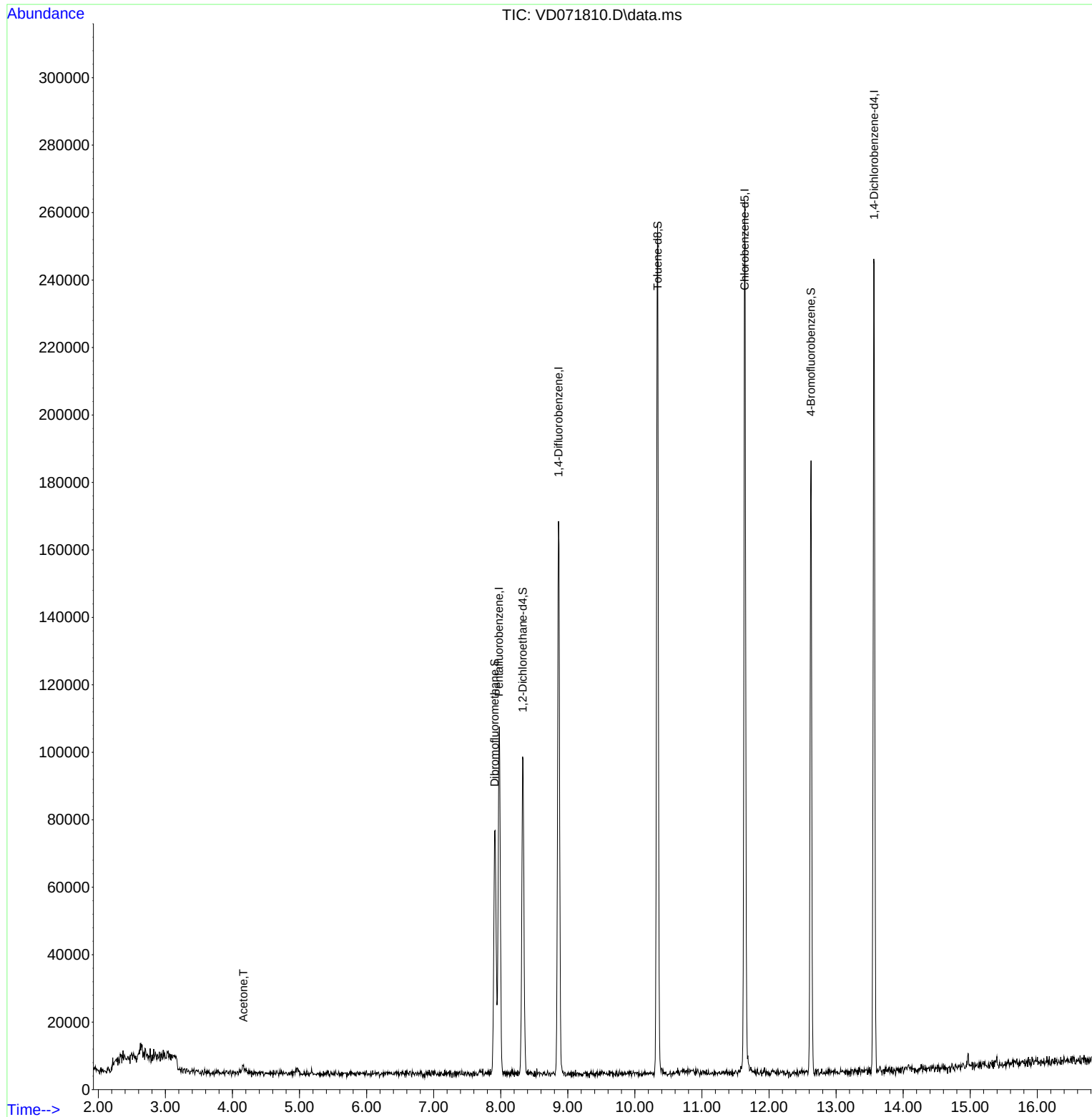
Internal Standards						
1) Pentafluorobenzene	7.973	168	68604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	131576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	139838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	60725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	74390	85.790	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 171.580%#	
35) Dibromofluoromethane	7.909	113	53574	61.943	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.880%	
50) Toluene-d8	10.338	98	170929	52.918	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.840%	
62) 4-Bromofluorobenzene	12.626	95	58033	51.449	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.900%	
Target Compounds						Qvalue
16) Acetone	4.162	43	4850	20.433	ug/l	97

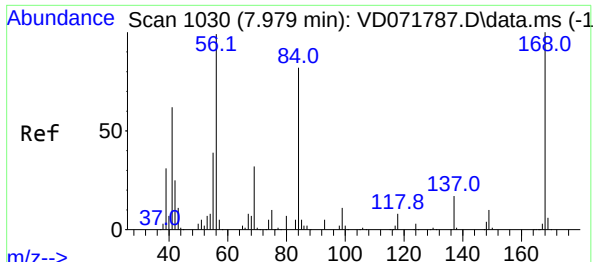
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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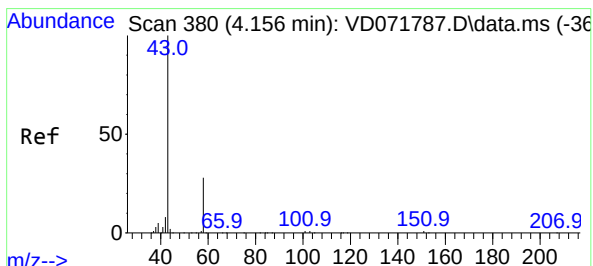
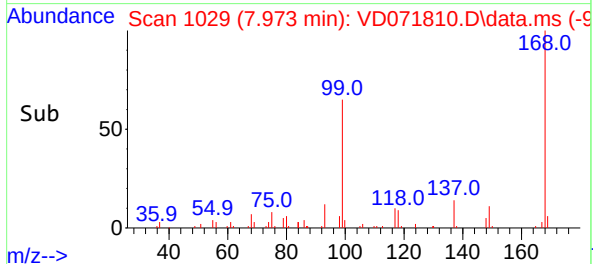
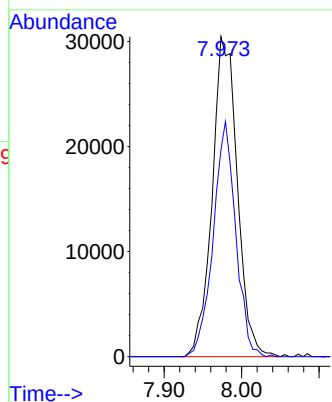
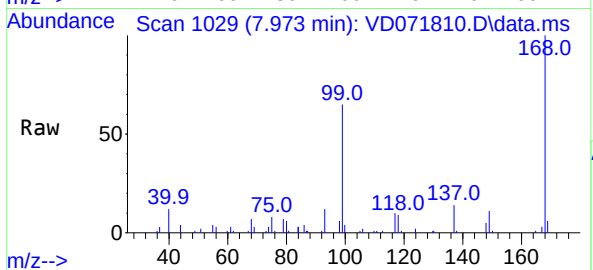




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071810.D
Acq: 27 Jan 2022 19:09

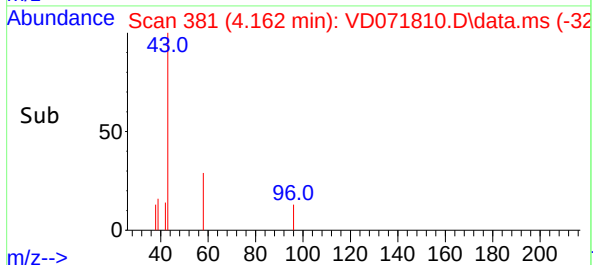
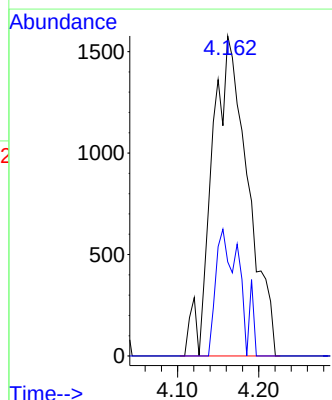
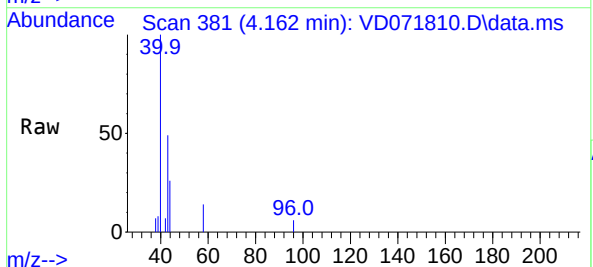
Instrument :
MSVOA_D
ClientSampleId :
MH-1D

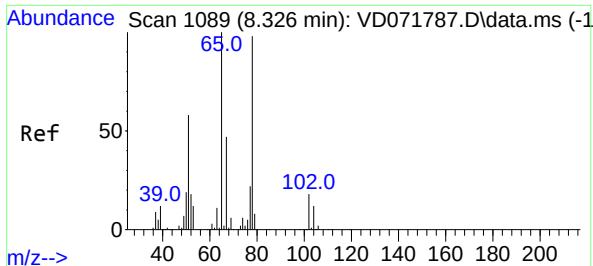
Tgt Ion:168 Resp: 68604
Ion Ratio Lower Upper
168 100
99 64.7 49.8 74.6



#16
Acetone
Concen: 20.433 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071810.D
Acq: 27 Jan 2022 19:09

Tgt Ion: 43 Resp: 4850
Ion Ratio Lower Upper
43 100
58 29.4 22.1 33.1

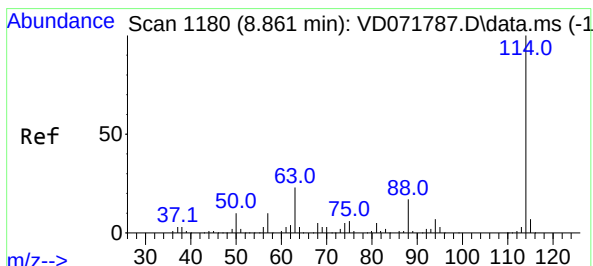
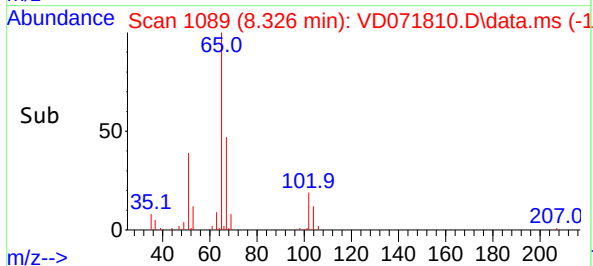
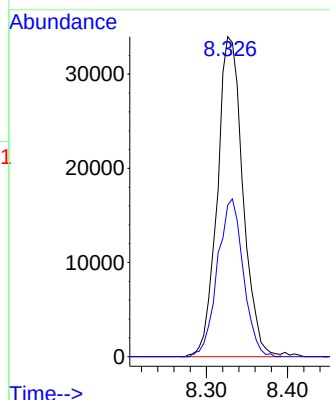
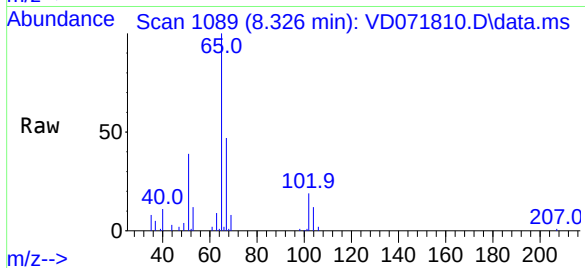




#33
1,2-Dichloroethane-d4
Concen: 85.790 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071810.D
Acq: 27 Jan 2022 19:09

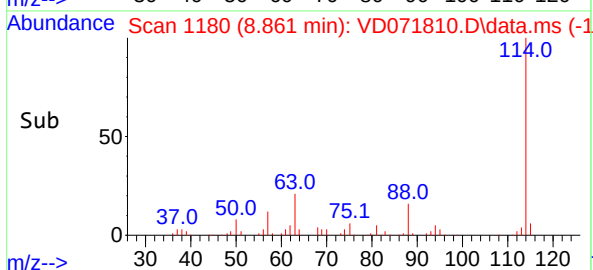
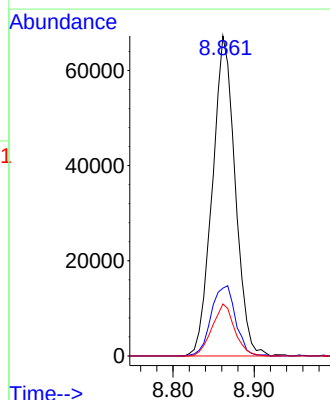
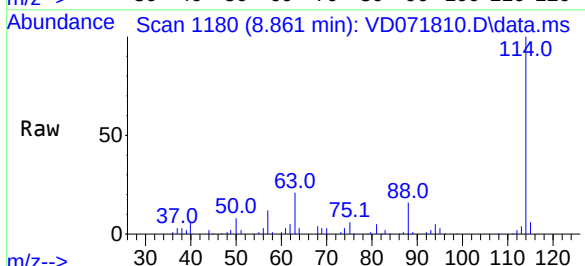
Instrument :
MSVOA_D
ClientSampleId :
MH-1D

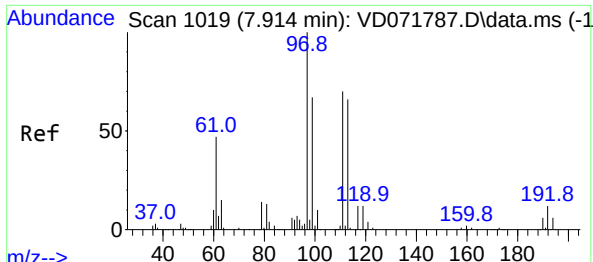
Tgt Ion: 65 Resp: 74390
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071810.D
Acq: 27 Jan 2022 19:09

Tgt Ion: 114 Resp: 131576
Ion Ratio Lower Upper
114 100
63 21.2 0.0 46.6
88 16.3 0.0 33.2

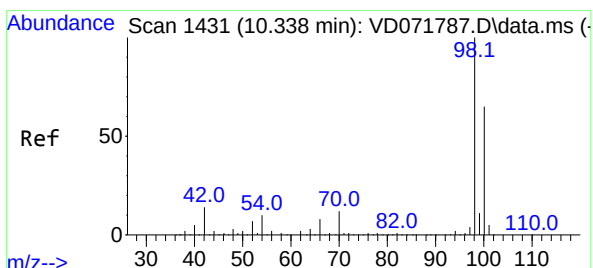
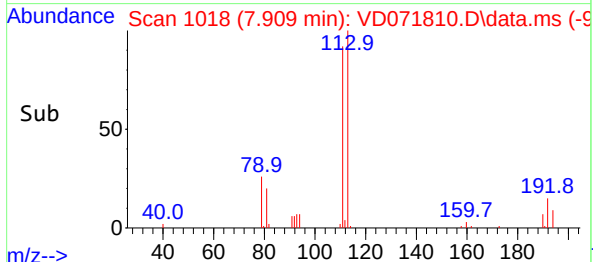
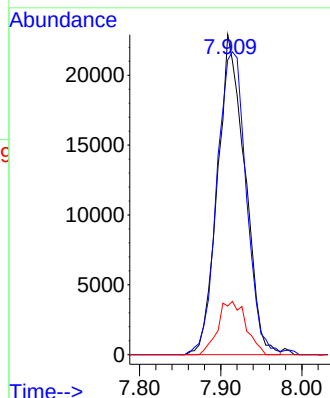
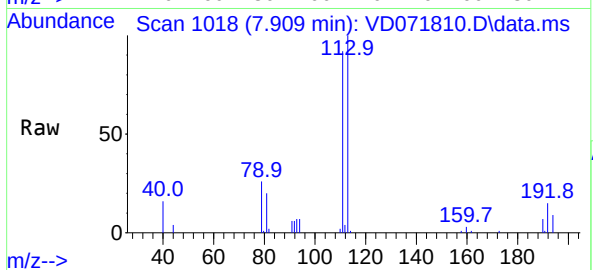




#35
Dibromofluoromethane
Concen: 61.943 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071810.D
Acq: 27 Jan 2022 19:09

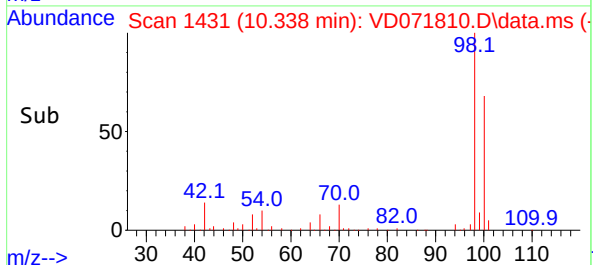
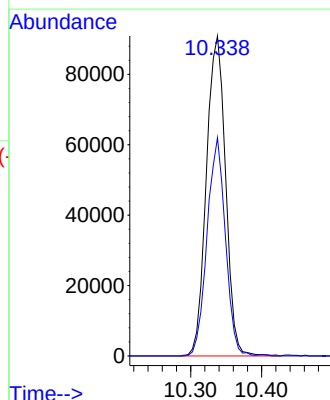
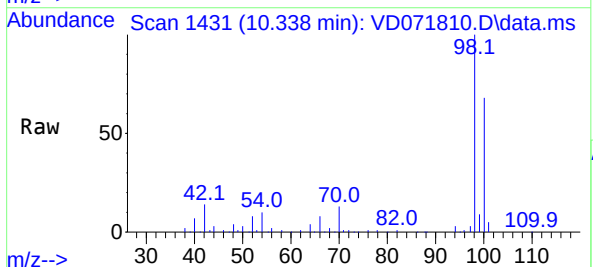
Instrument :
MSVOA_D
ClientSampleId :
MH-1D

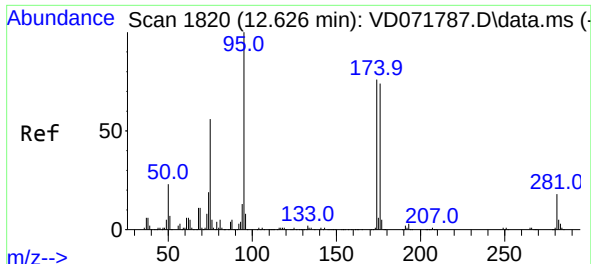
Tgt Ion:113 Resp: 53574
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 17.1 14.6 21.8



#50
Toluene-d8
Concen: 52.918 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071810.D
Acq: 27 Jan 2022 19:09

Tgt Ion: 98 Resp: 170929
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6

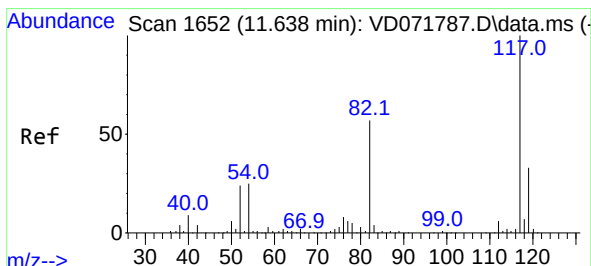
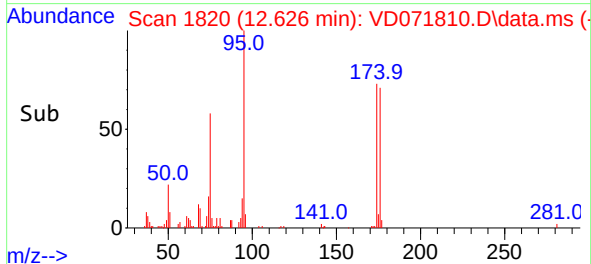
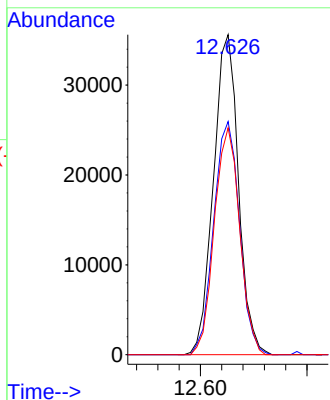
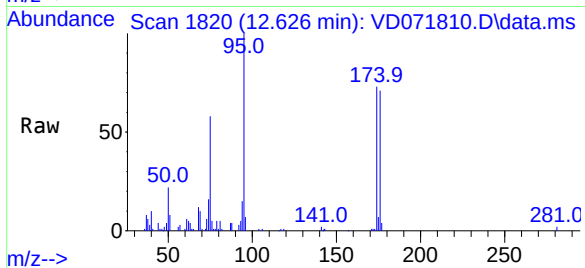




#62
4-Bromofluorobenzene
Concen: 51.449 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071810.D
Acq: 27 Jan 2022 19:09

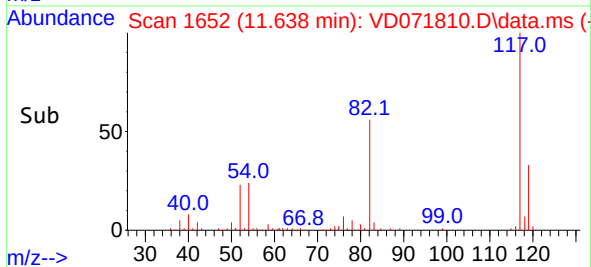
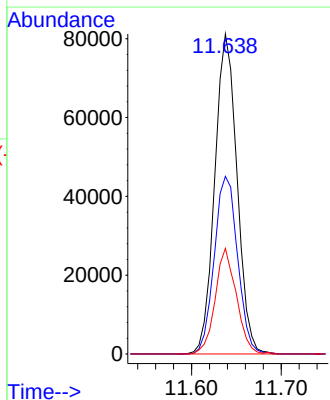
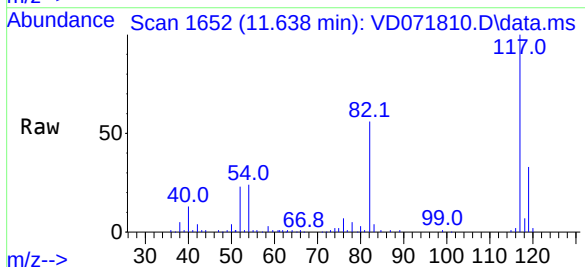
Instrument :
MSVOA_D
ClientSampleId :
MH-1D

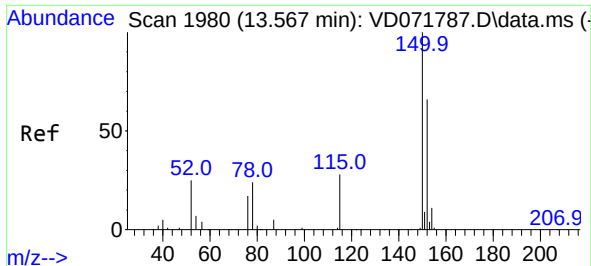
Tgt Ion: 95 Resp: 58033
Ion Ratio Lower Upper
95 100
174 75.2 0.0 152.8
176 71.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071810.D
Acq: 27 Jan 2022 19:09

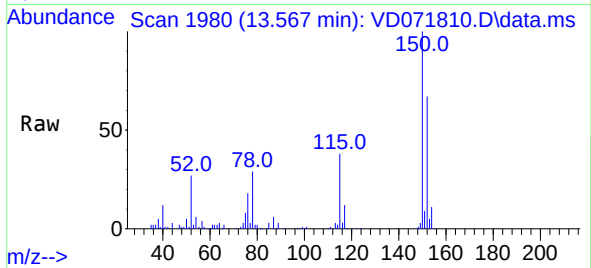
Tgt Ion: 117 Resp: 139838
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 33.0 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD071810.D
 Acq: 27 Jan 2022 19:09

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-1D



Tgt Ion:152 Resp: 60725

Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.3	93.8
150	159.2	0.0	348.6

