

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072227.D
 Acq On : 16 Mar 2022 19:25
 Operator : VA/SY
 Sample : N1884-03
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-04-031022

Quant Time: Mar 17 02:28:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

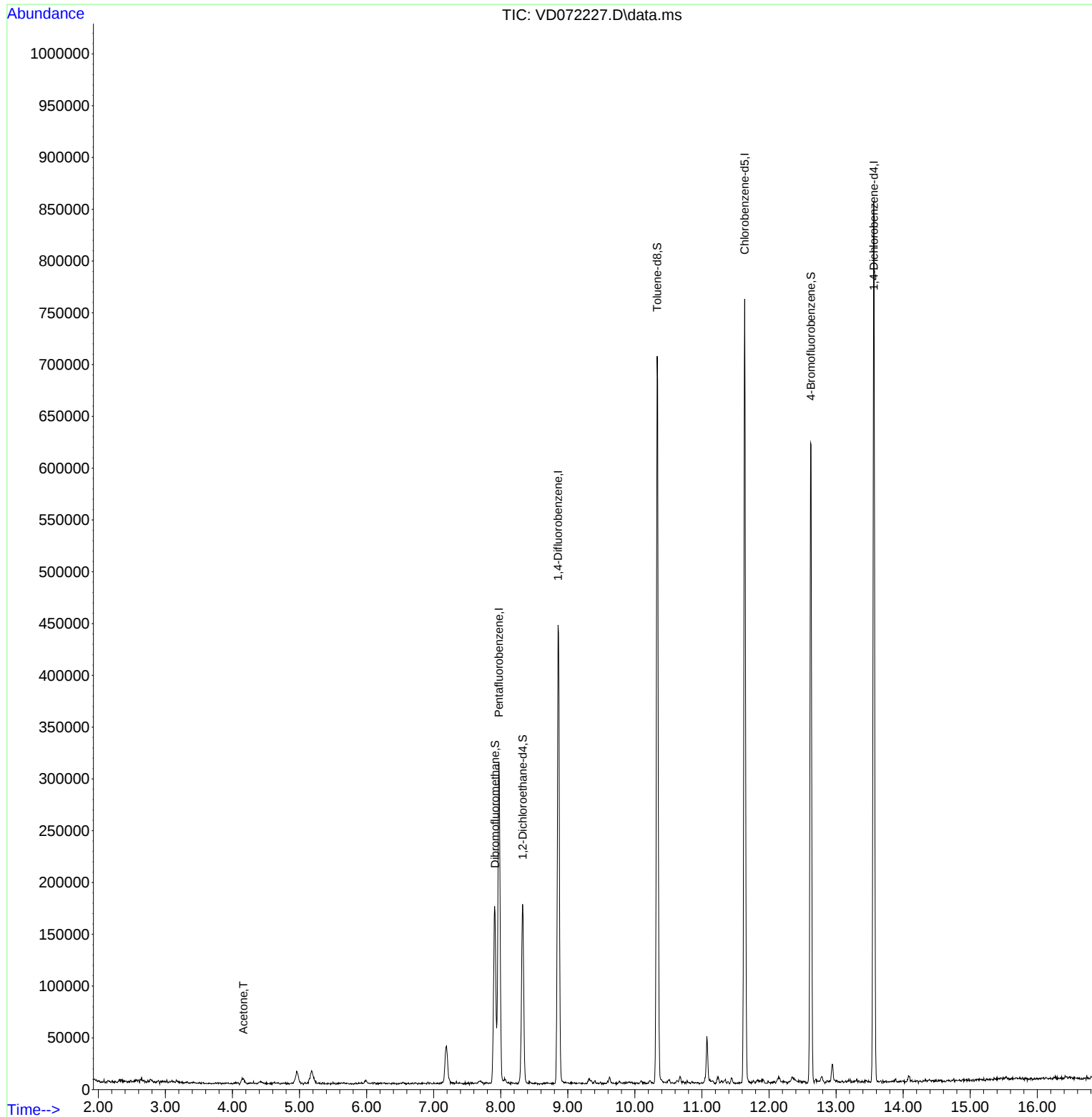
Internal Standards						
1) Pentafluorobenzene	7.973	168	230961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	383006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	431640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	224481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	141159	54.842	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.680%	
35) Dibromofluoromethane	7.914	113	126717	47.015	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.040%	
50) Toluene-d8	10.332	98	480420	48.748	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.500%	
62) 4-Bromofluorobenzene	12.626	95	212495	55.492	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.980%	
Target Compounds						
16) Acetone	4.162	43	9033	16.163	ug/l	Qvalue # 76

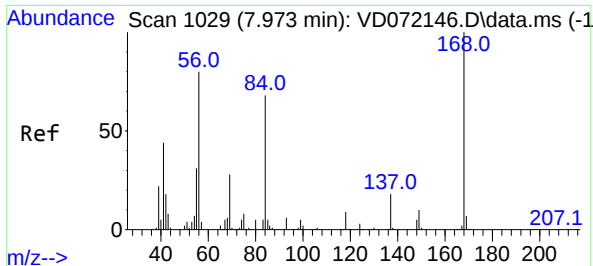
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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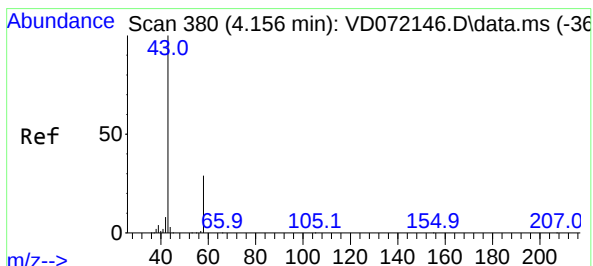
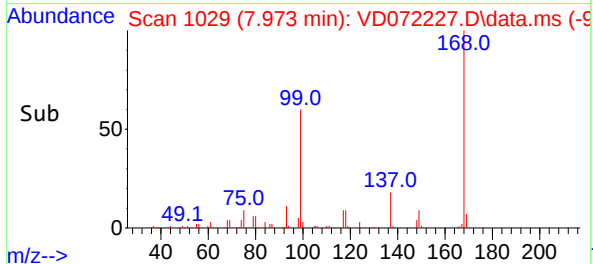
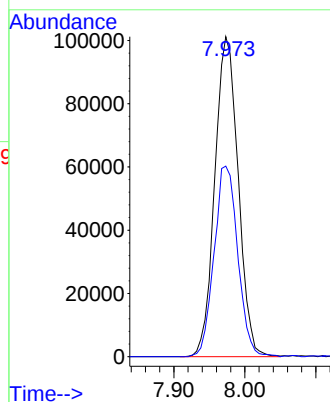
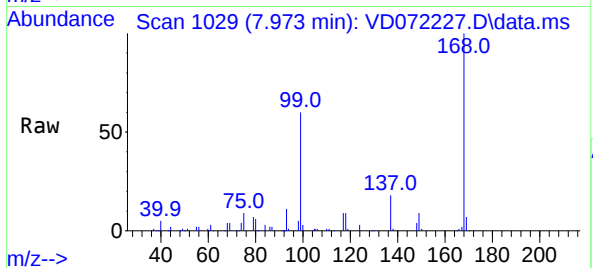




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072227.D
Acq: 16 Mar 2022 19:25

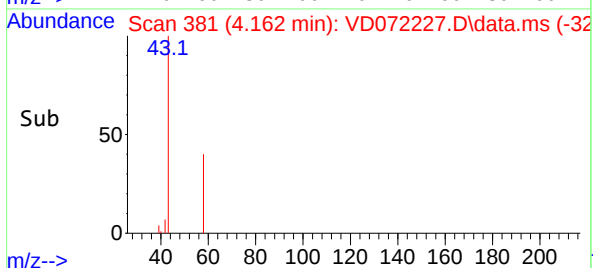
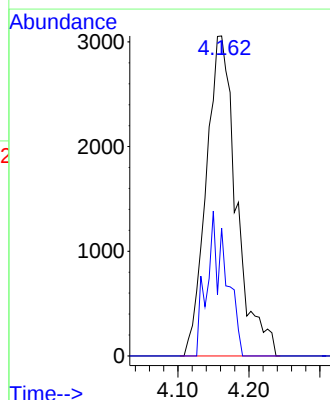
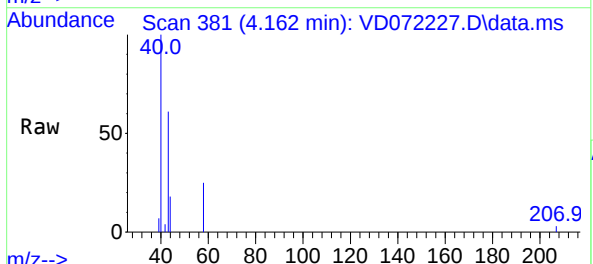
Instrument :
MSVOA_D
ClientSampleId :
HR-04-031022

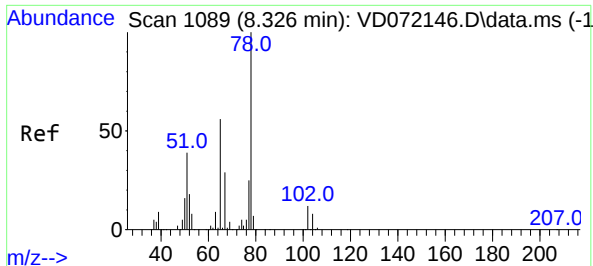
Tgt Ion:168 Resp: 230961
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#16
Acetone
Concen: 16.163 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072227.D
Acq: 16 Mar 2022 19:25

Tgt Ion: 43 Resp: 9033
Ion Ratio Lower Upper
43 100
58 39.9 22.1 33.1#

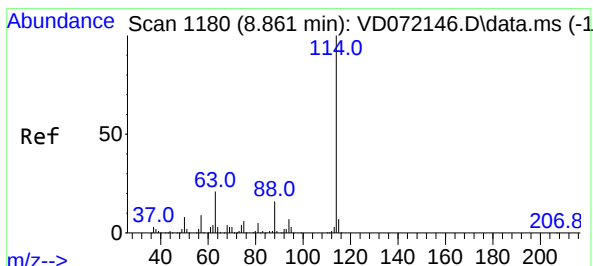
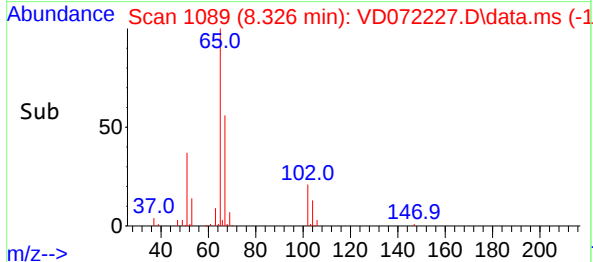
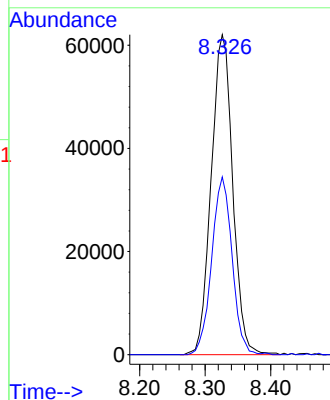
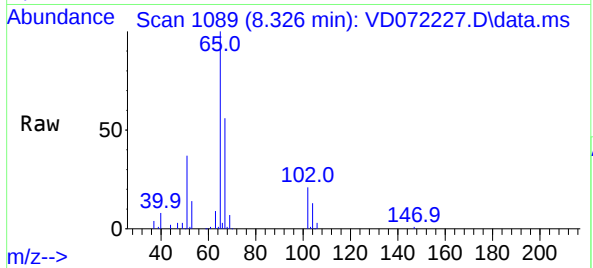




#33
1,2-Dichloroethane-d4
Concen: 54.842 ug/l
RT: 8.326 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VD072227.D
Acq: 16 Mar 2022 19:25

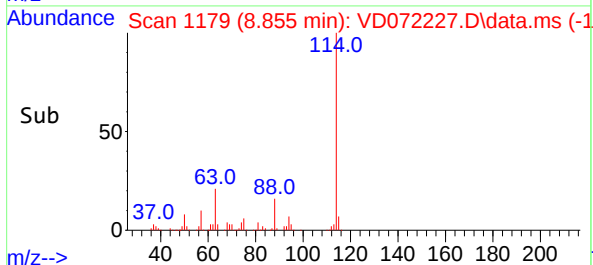
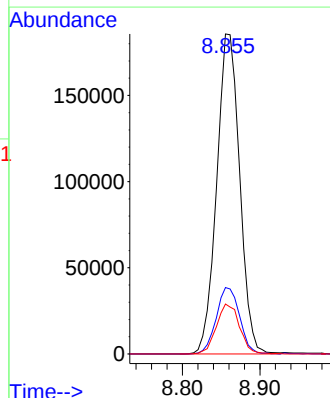
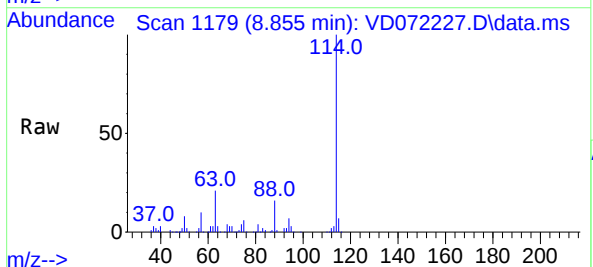
Instrument :
MSVOA_D
ClientSampleId :
HR-04-031022

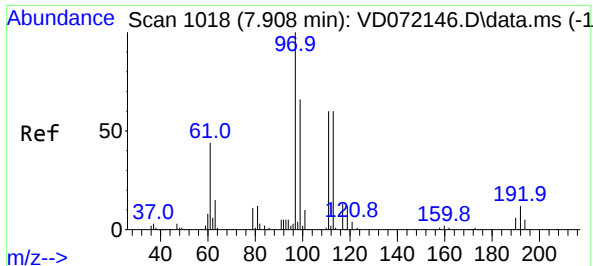
Tgt Ion: 65 Resp: 141159
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD072227.D
Acq: 16 Mar 2022 19:25

Tgt Ion: 114 Resp: 383006
Ion Ratio Lower Upper
114 100
63 20.8 0.0 46.6
88 15.6 0.0 33.2

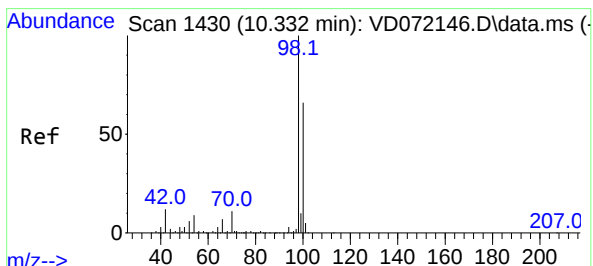
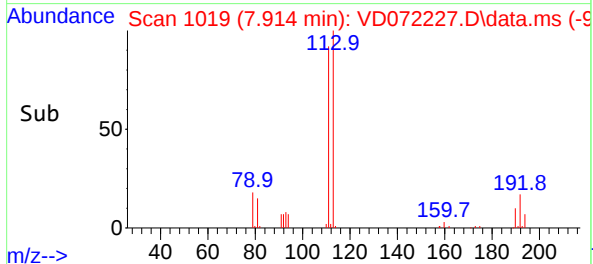
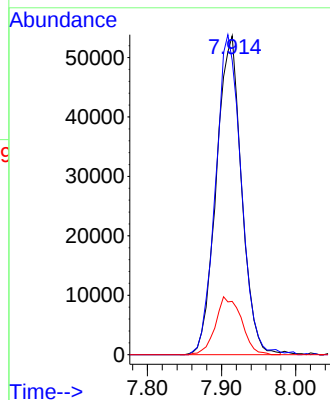
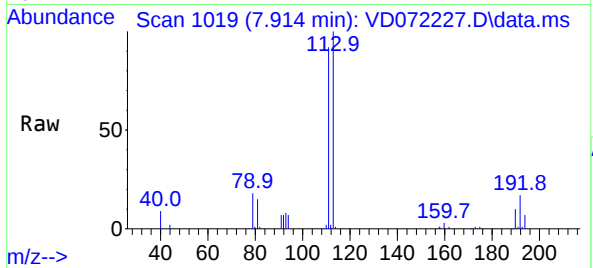




#35
Dibromofluoromethane
Concen: 47.015 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072227.D
Acq: 16 Mar 2022 19:25

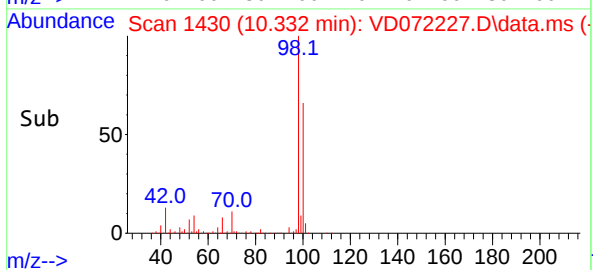
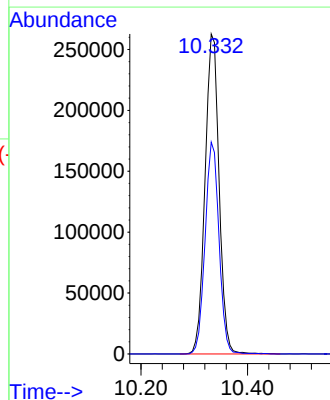
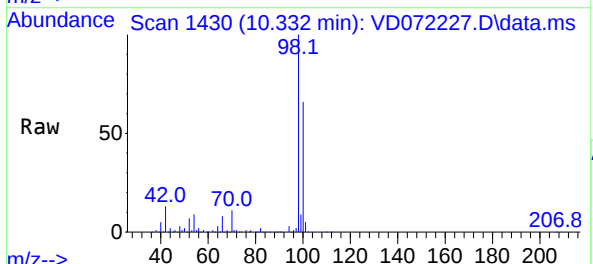
Instrument :
MSVOA_D
ClientSampleId :
HR-04-031022

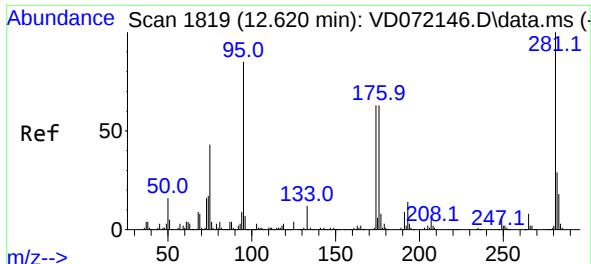
Tgt Ion:113 Resp: 126717
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 18.7 14.6 21.8



#50
Toluene-d8
Concen: 48.748 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072227.D
Acq: 16 Mar 2022 19:25

Tgt Ion: 98 Resp: 480420
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6

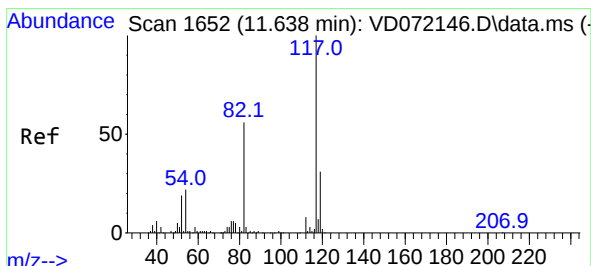
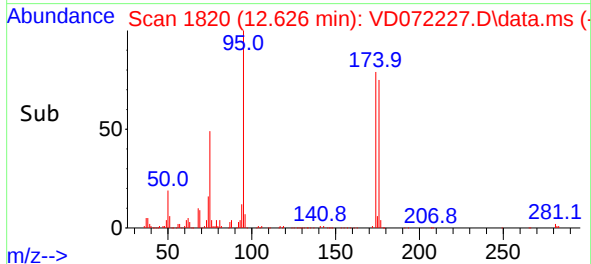
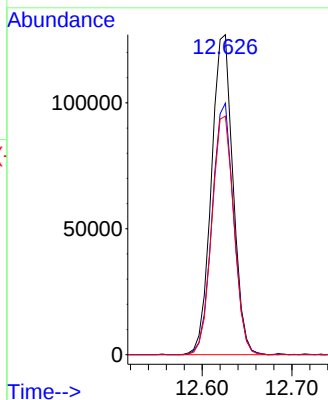
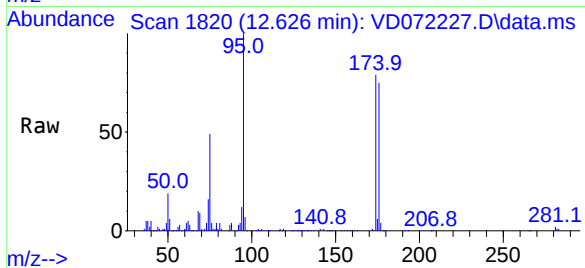




#62
4-Bromofluorobenzene
Concen: 55.492 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072227.D
Acq: 16 Mar 2022 19:25

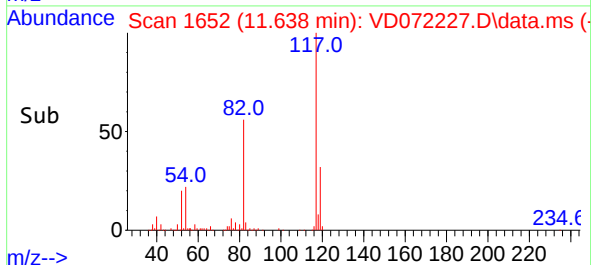
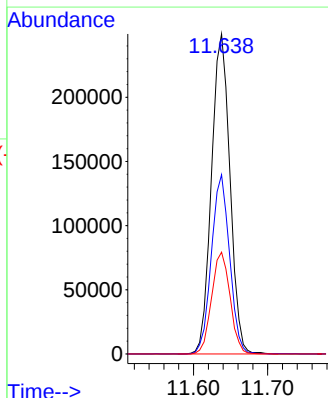
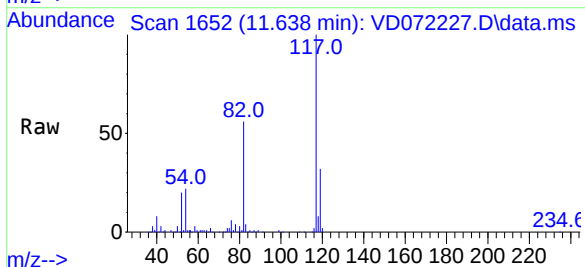
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HR-04-031022

Tgt Ion: 95 Resp: 212495
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 75.7 0.0 145.4

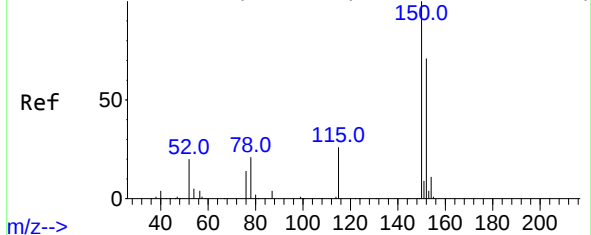


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072227.D
Acq: 16 Mar 2022 19:25

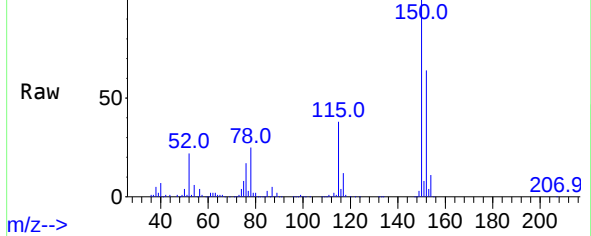
Tgt Ion: 117 Resp: 431640
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 31.8 26.6 40.0



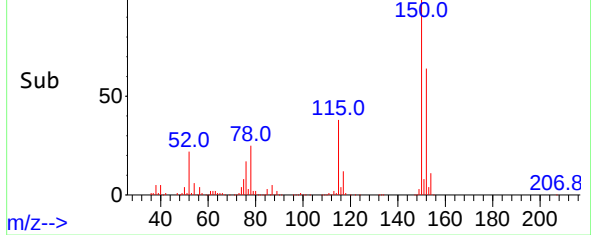
Abundance Scan 1980 (13.567 min): VD072146.D\data.ms (-



Abundance Scan 1979 (13.561 min): VD072227.D\data.ms (-



Abundance Scan 1979 (13.561 min): VD072227.D\data.ms (-



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072227.D
Acq: 16 Mar 2022 19:25

Instrument :
MSVOA_D
ClientSampleId :
HR-04-031022

Tgt Ion:	152	Resp:	224481
Ion	Ratio	Lower	Upper
152	100		
115	57.9	31.3	93.8
150	156.3	0.0	348.6

