

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050922\
 Data File : VD072901.D
 Acq On : 09 May 2022 20:13
 Operator : VA/SY
 Sample : N2703-07
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-29D

Quant Time: May 10 01:37:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

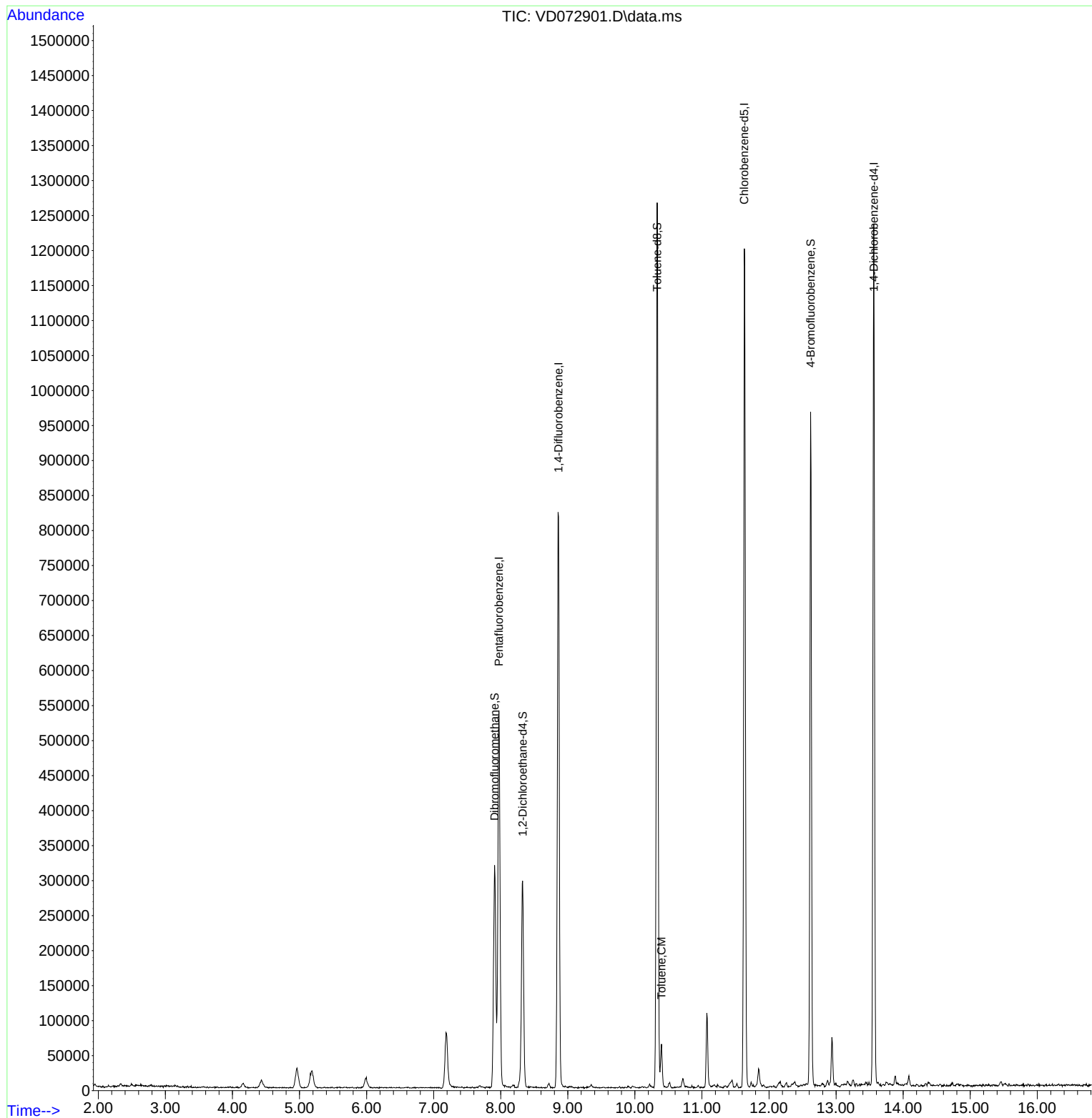
Internal Standards						
1) Pentafluorobenzene	7.973	168	378402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	694633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	682126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	312114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	230818	46.991	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.980%
35) Dibromofluoromethane	7.909	113	232334	47.624	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.240%
50) Toluene-d8	10.332	98	848619	48.494	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.980%
62) 4-Bromofluorobenzene	12.620	95	314487	48.196	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.400%
Target Compounds						
52) Toluene	10.397	92	23434	1.640	ug/l	Qvalue 96

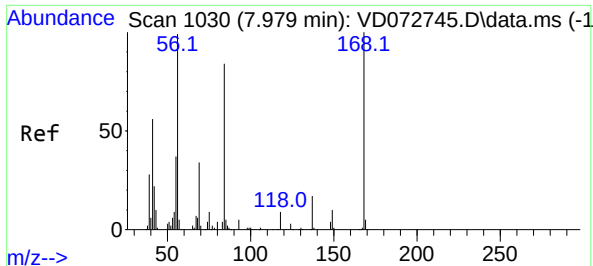
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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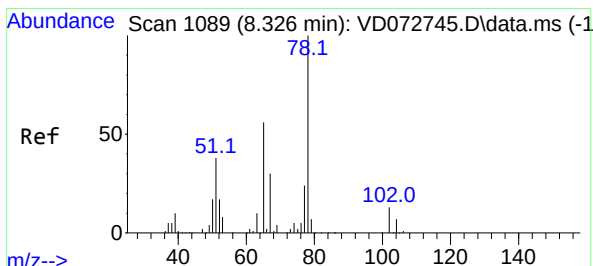
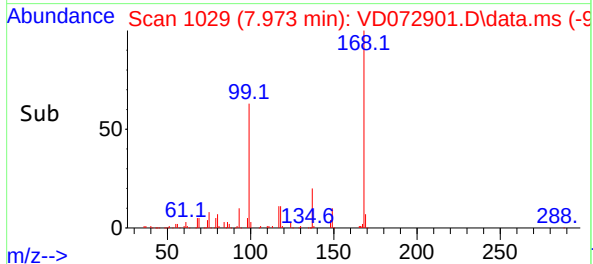
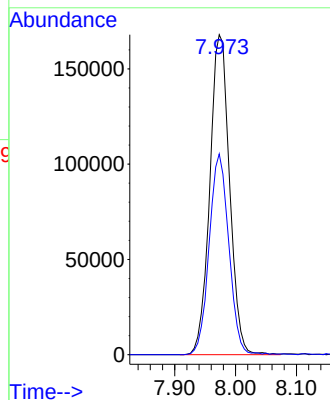
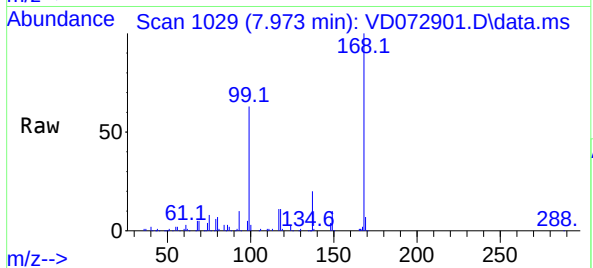




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072901.D
Acq: 09 May 2022 20:13

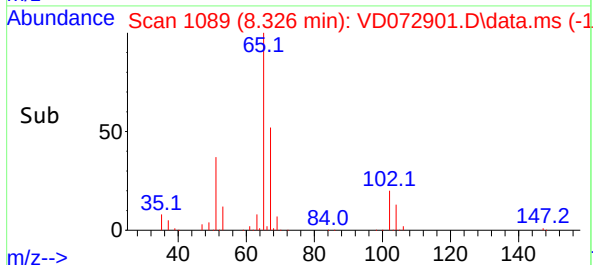
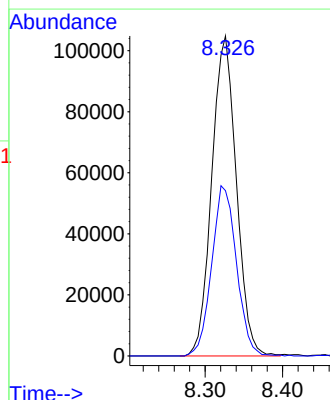
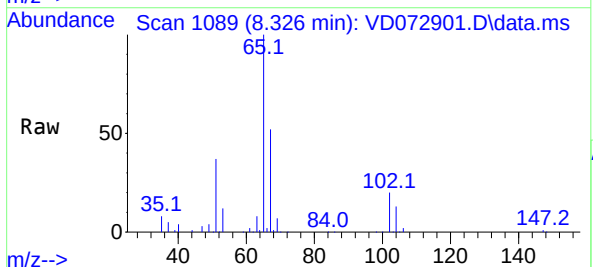
Instrument :
MSVOA_D
ClientSampleId :
MH-29D

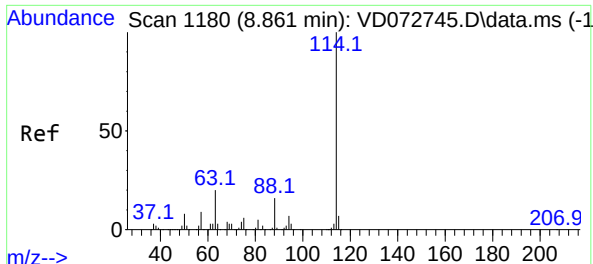
Tgt Ion:168 Resp: 378402
Ion Ratio Lower Upper
168 100
99 62.7 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 46.991 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072901.D
Acq: 09 May 2022 20:13

Tgt Ion: 65 Resp: 230818
Ion Ratio Lower Upper
65 100
67 53.7 0.0 101.4



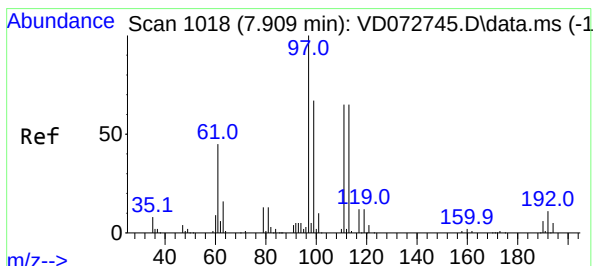
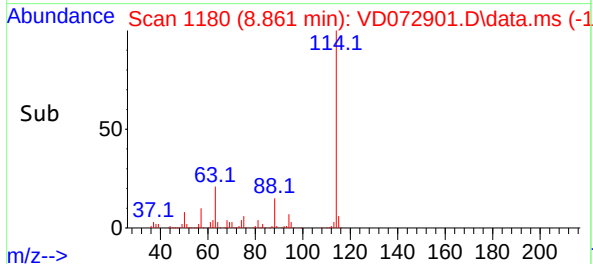
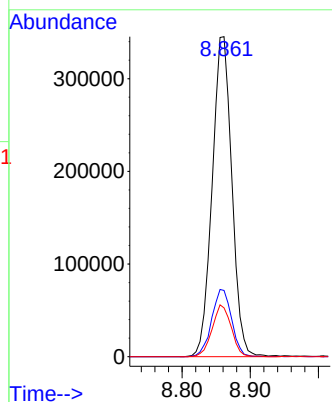
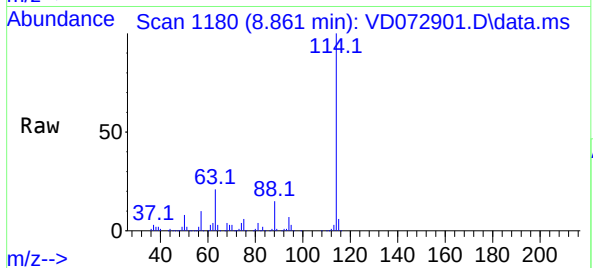


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072901.D
Acq: 09 May 2022 20:13

Instrument :
MSVOA_D
ClientSampleId :
MH-29D

Tgt Ion:114 Resp: 694633

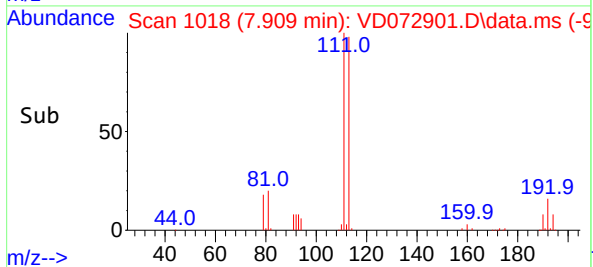
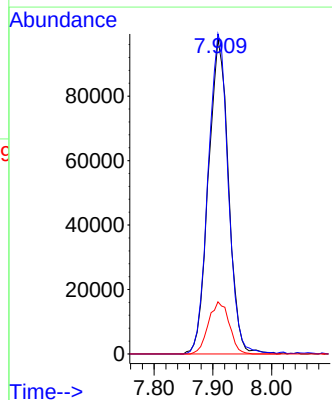
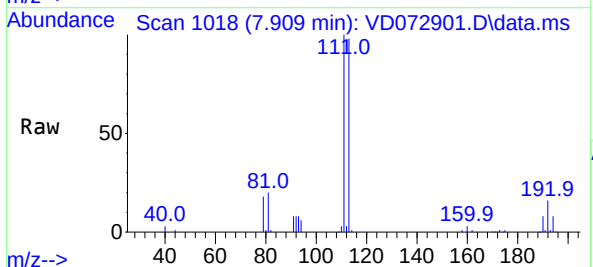
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	46.6
88	15.2	0.0	33.2

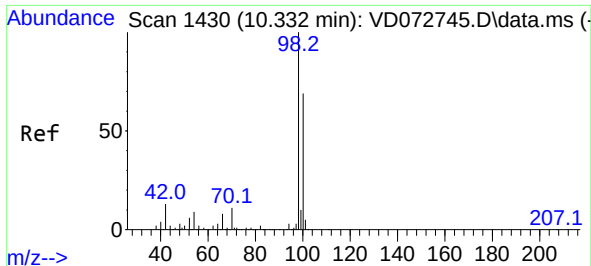


#35
Dibromofluoromethane
Concen: 47.624 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072901.D
Acq: 09 May 2022 20:13

Tgt Ion:113 Resp: 232334

Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.8	125.6
192	17.1	14.6	21.8

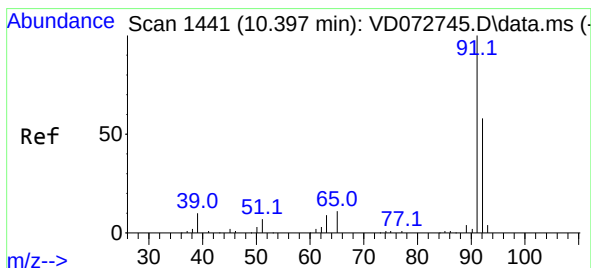
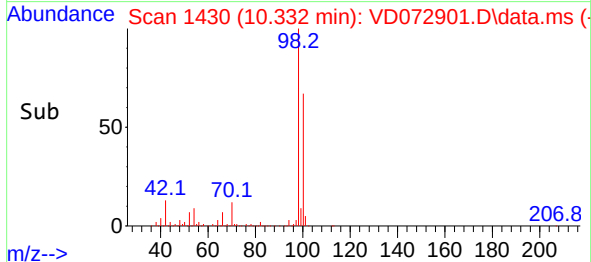
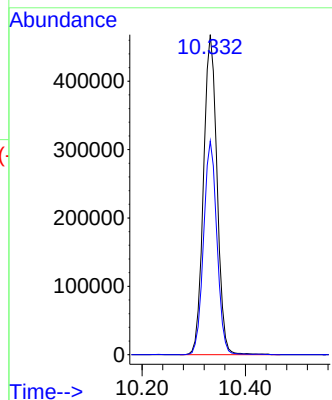
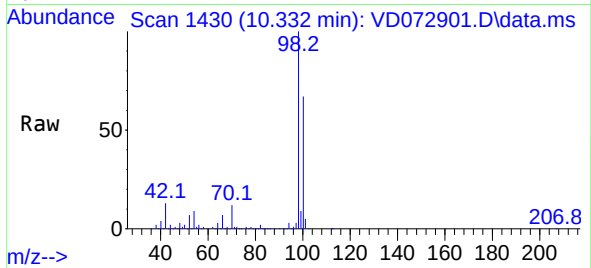




#50
Toluene-d8
Concen: 48.494 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072901.D
Acq: 09 May 2022 20:13

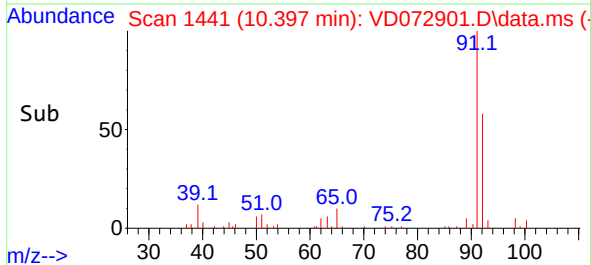
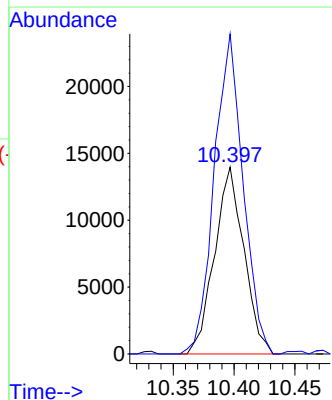
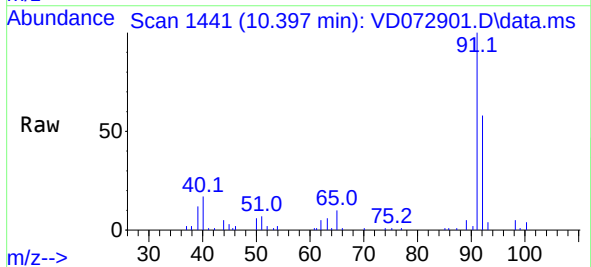
Instrument :
MSVOA_D
ClientSampleId :
MH-29D

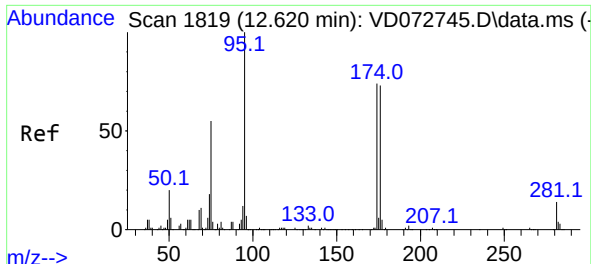
Tgt Ion: 98 Resp: 848619
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#52
Toluene
Concen: 1.640 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072901.D
Acq: 09 May 2022 20:13

Tgt Ion: 92 Resp: 23434
Ion Ratio Lower Upper
92 100
91 168.4 139.6 209.4

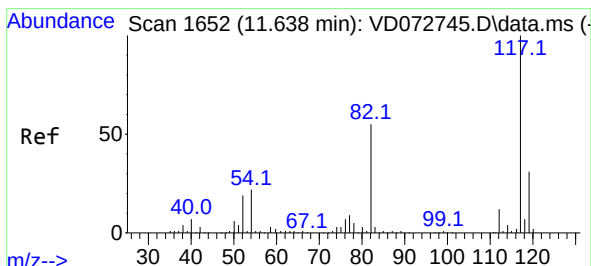
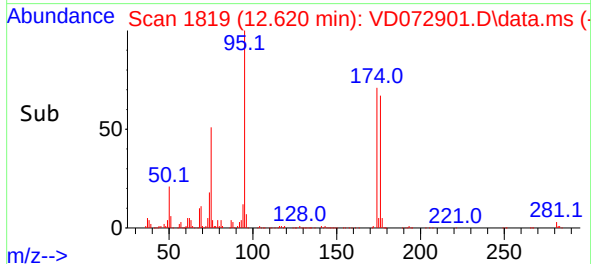
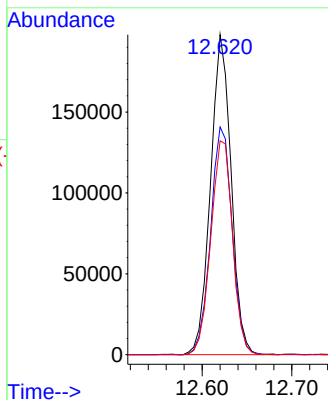
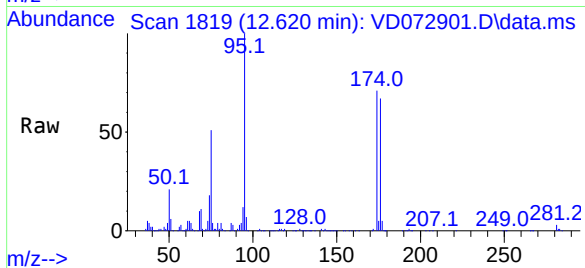




#62
4-Bromofluorobenzene
Concen: 48.196 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072901.D
Acq: 09 May 2022 20:13

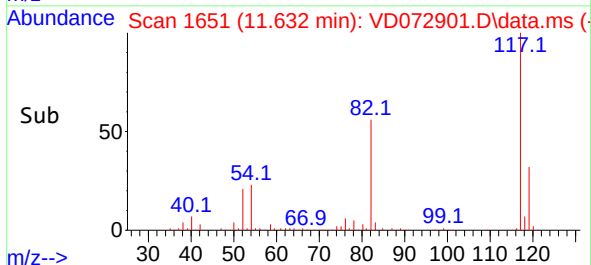
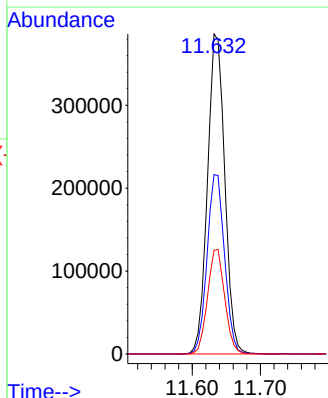
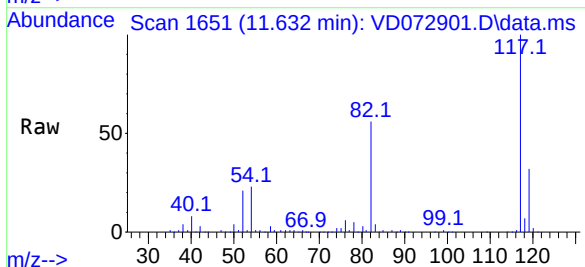
Instrument :
MSVOA_D
ClientSampleId :
MH-29D

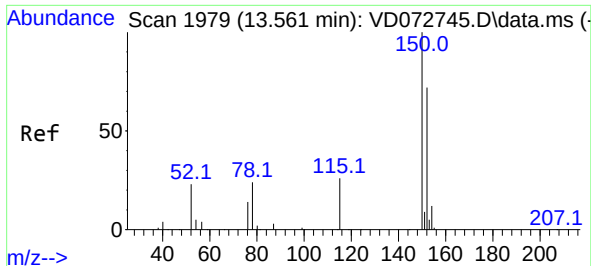
Tgt Ion: 95 Resp: 314487
Ion Ratio Lower Upper
95 100
174 74.6 0.0 152.8
176 70.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072901.D
Acq: 09 May 2022 20:13

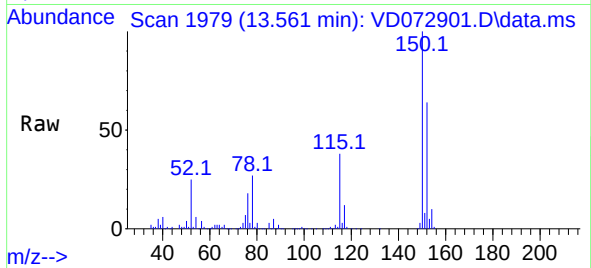
Tgt Ion: 117 Resp: 682126
Ion Ratio Lower Upper
117 100
82 56.1 45.3 67.9
119 32.4 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072901.D
 Acq: 09 May 2022 20:13

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-29D



Tgt Ion:152 Resp: 312114

Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.3	93.8
150	157.9	0.0	348.6

