

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
 Data File : VD072605.D
 Acq On : 18 Apr 2022 18:47
 Operator : VA/SY
 Sample : N2444-07
 Misc : 5.40G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6

Quant Time: Apr 19 02:52:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

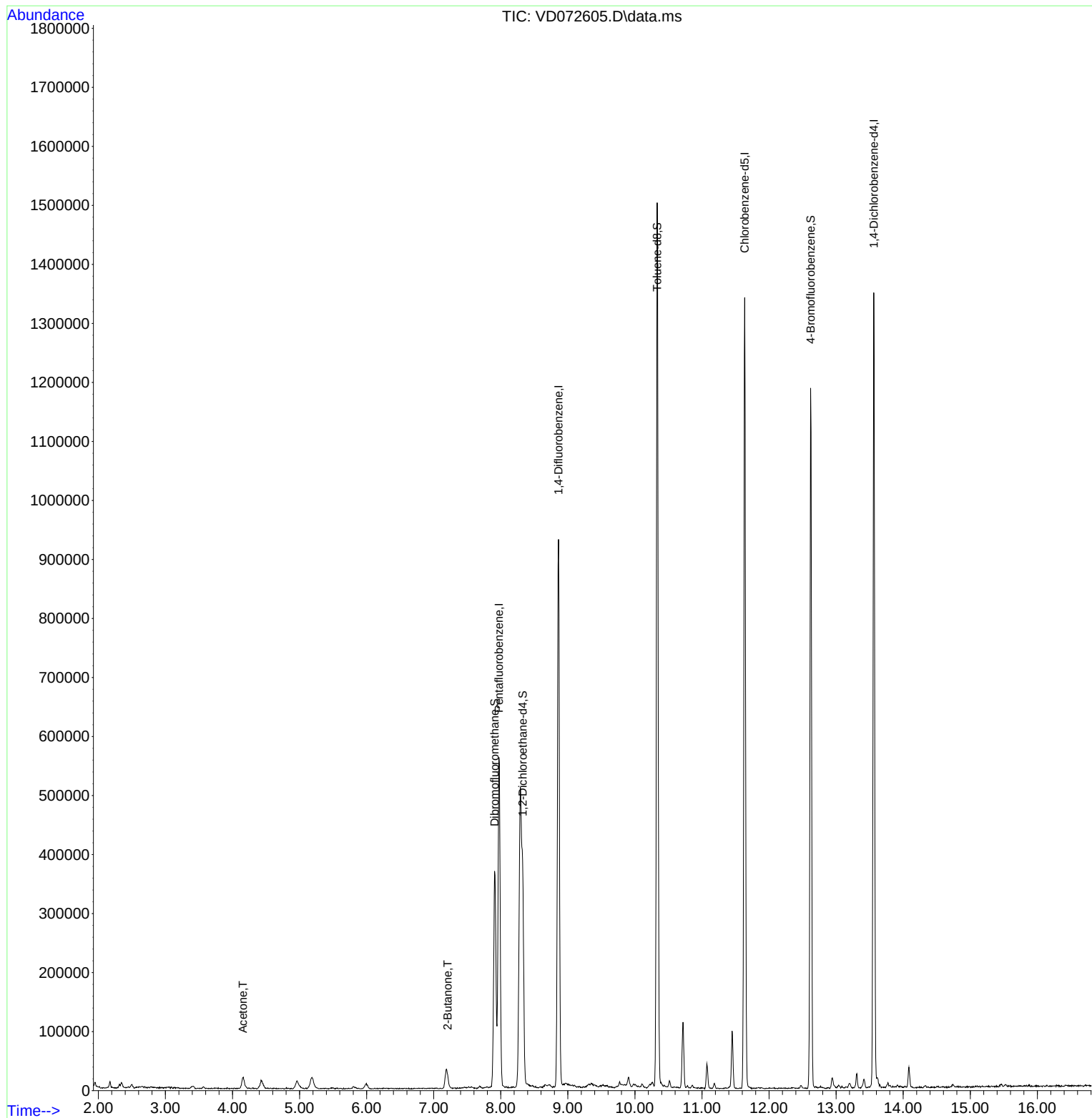
Internal Standards						
1) Pentafluorobenzene	7.973	168	408279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	827870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	799802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	358451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	260652	52.775	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.560%
35) Dibromofluoromethane	7.908	113	269890	41.949	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.900%
50) Toluene-d8	10.332	98	1000265	44.727	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.460%
62) 4-Bromofluorobenzene	12.620	95	350208	40.097	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.200%
Target Compounds						
						Qvalue
16) Acetone	4.155	43	34372	37.322	ug/l #	89
25) 2-Butanone	7.208	43	11023	8.654	ug/l	95

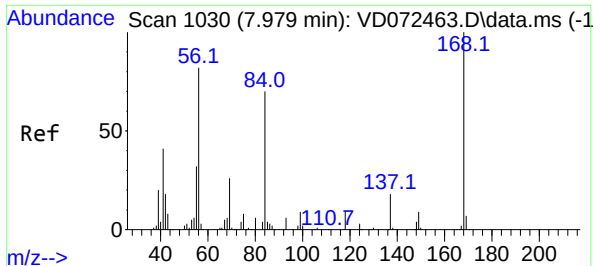
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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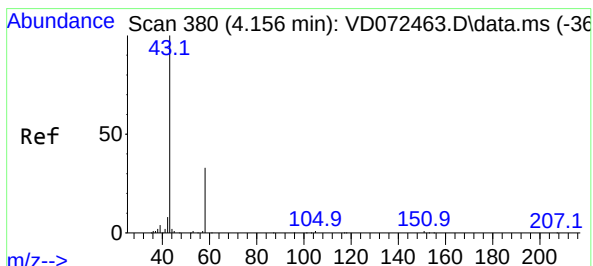
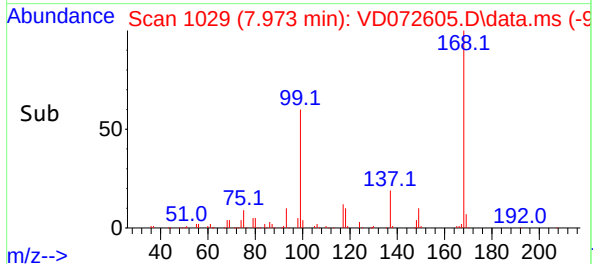
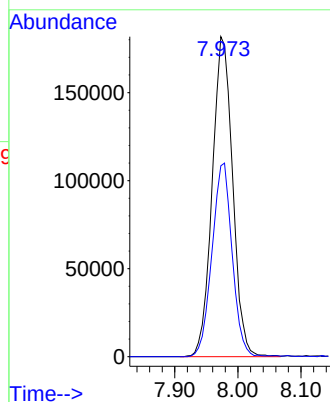
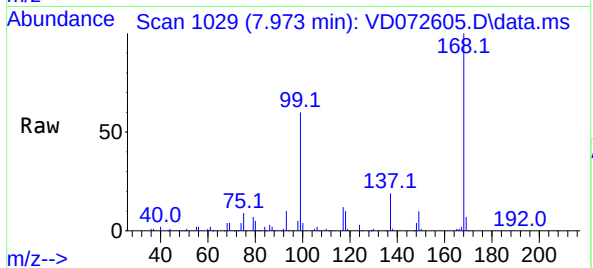




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072605.D
Acq: 18 Apr 2022 18:47

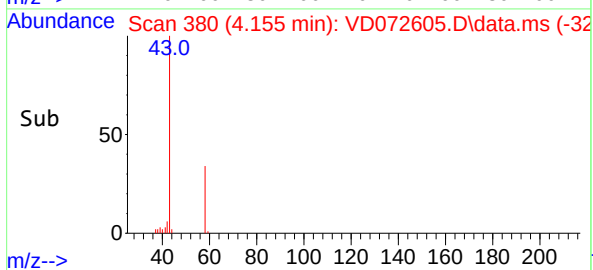
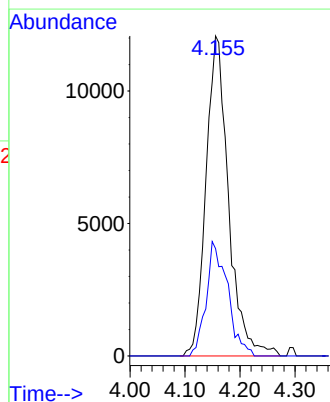
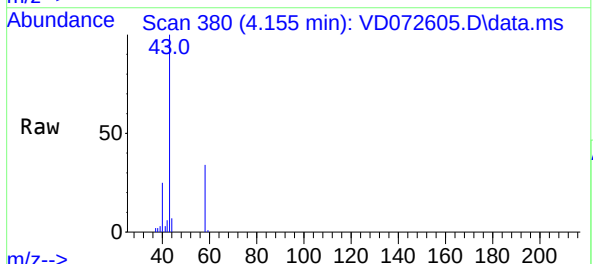
Instrument :
MSVOA_D
ClientSampleId :
SB-6

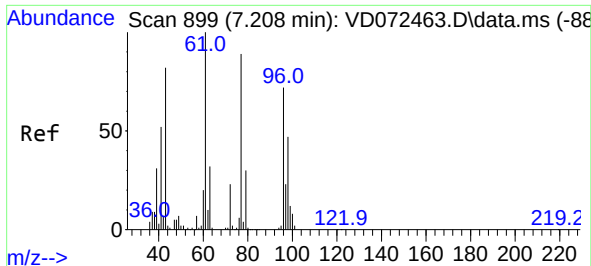
Tgt Ion:168 Resp: 408279
Ion Ratio Lower Upper
168 100
99 59.7 49.8 74.6



#16
Acetone
Concen: 37.322 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072605.D
Acq: 18 Apr 2022 18:47

Tgt Ion: 43 Resp: 34372
Ion Ratio Lower Upper
43 100
58 33.5 22.1 33.1#

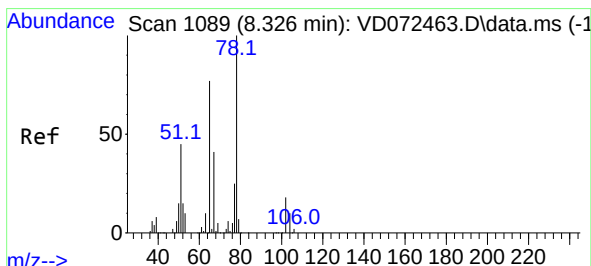
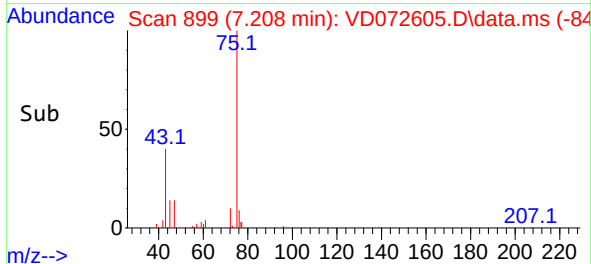
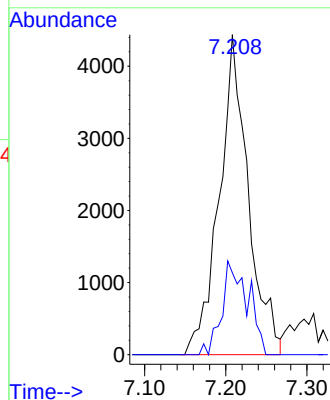
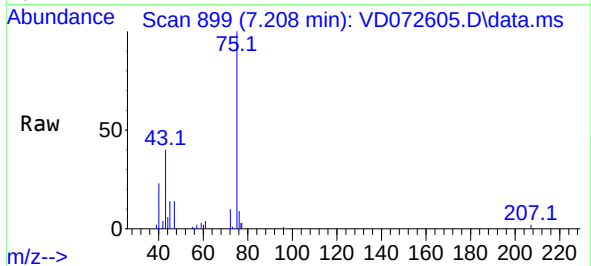




#25
2-Butanone
Concen: 8.654 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072605.D
Acq: 18 Apr 2022 18:47

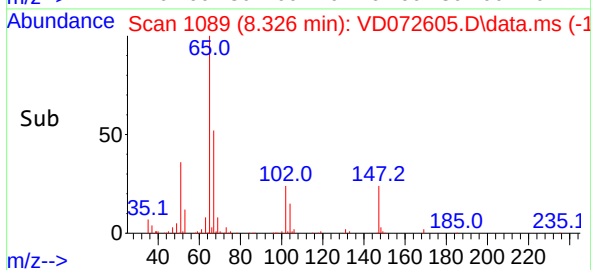
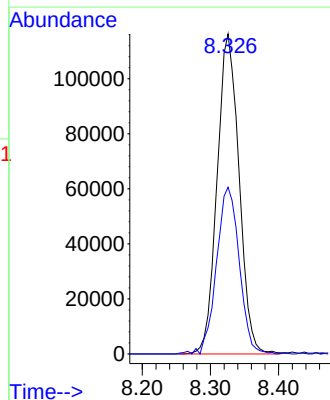
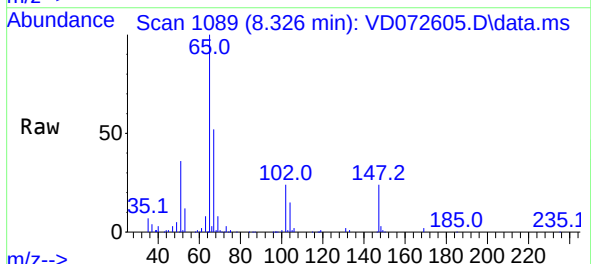
Instrument :
MSVOA_D
ClientSampleId :
SB-6

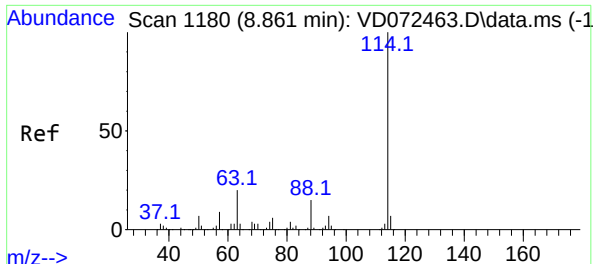
Tgt Ion: 43 Resp: 11023
Ion Ratio Lower Upper
43 100
72 25.6 18.6 27.8



#33
1,2-Dichloroethane-d4
Concen: 52.775 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072605.D
Acq: 18 Apr 2022 18:47

Tgt Ion: 65 Resp: 260652
Ion Ratio Lower Upper
65 100
67 53.7 0.0 101.4

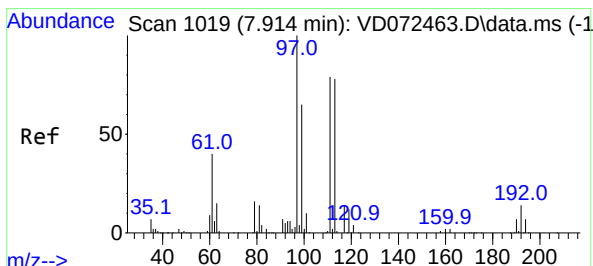
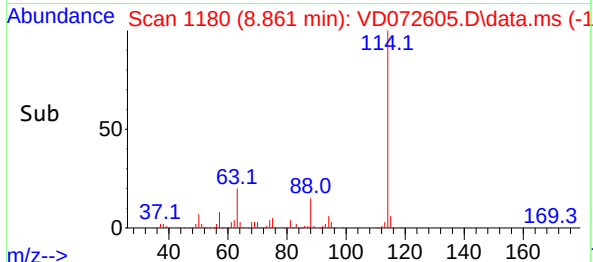
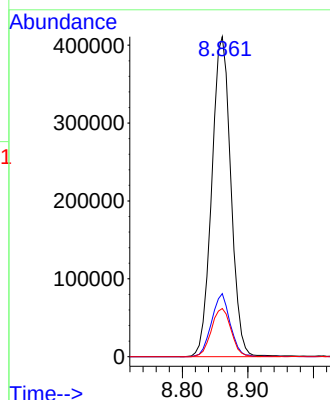
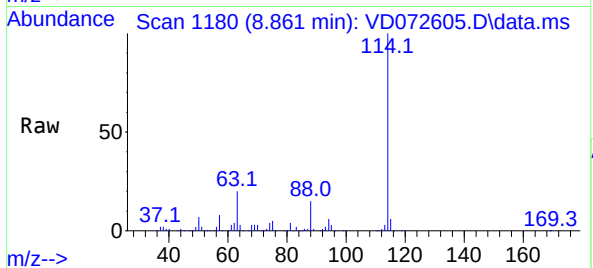




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072605.D
Acq: 18 Apr 2022 18:47

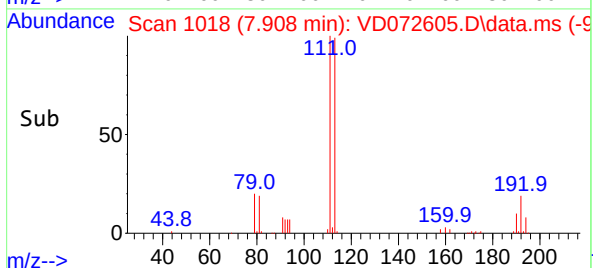
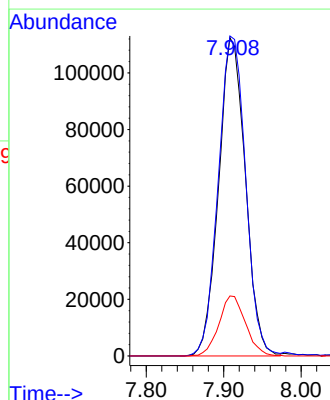
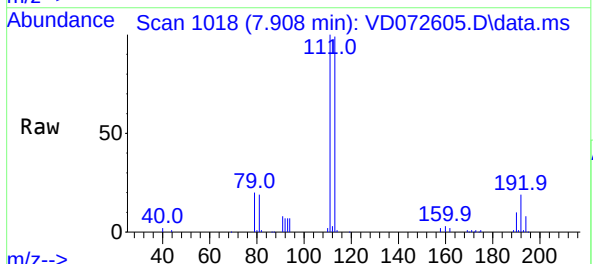
Instrument :
MSVOA_D
ClientSampleId :
SB-6

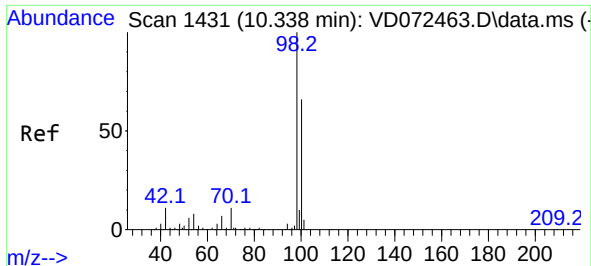
Tgt Ion:114 Resp: 827870
Ion Ratio Lower Upper
114 100
63 19.7 0.0 46.6
88 15.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 41.949 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072605.D
Acq: 18 Apr 2022 18:47

Tgt Ion:113 Resp: 269890
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 18.8 14.6 21.8

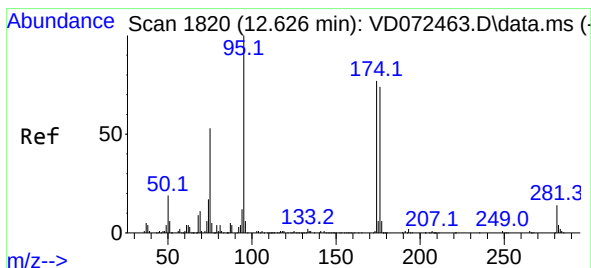
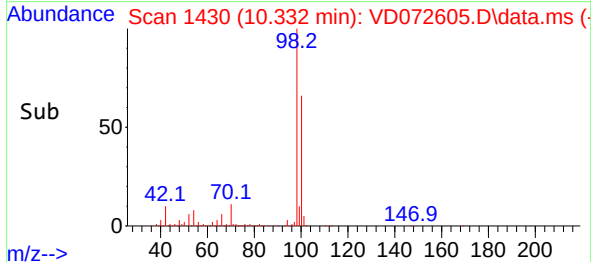
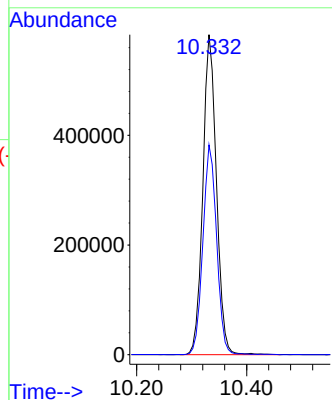
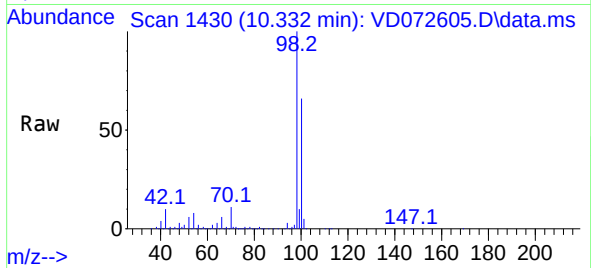




#50
Toluene-d8
Concen: 44.727 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072605.D
Acq: 18 Apr 2022 18:47

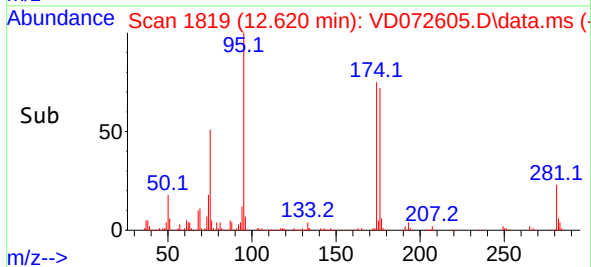
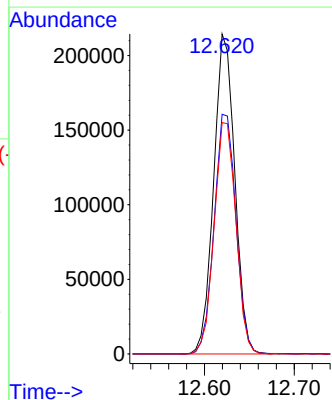
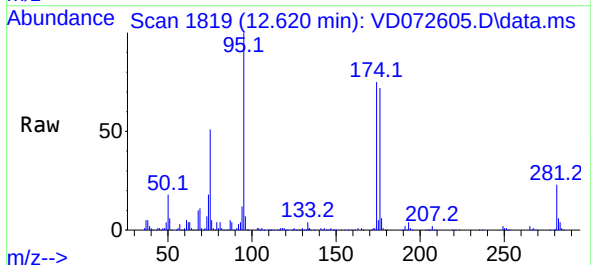
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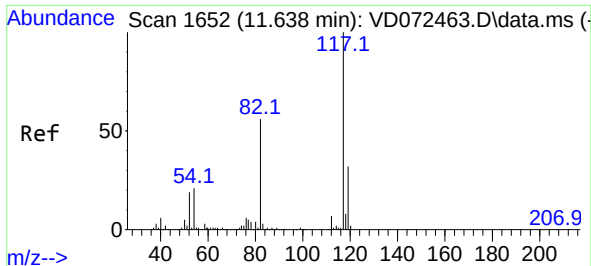
Tgt Ion: 98 Resp: 1000265
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.097 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072605.D
Acq: 18 Apr 2022 18:47

Tgt Ion: 95 Resp: 350208
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 74.8 0.0 145.4

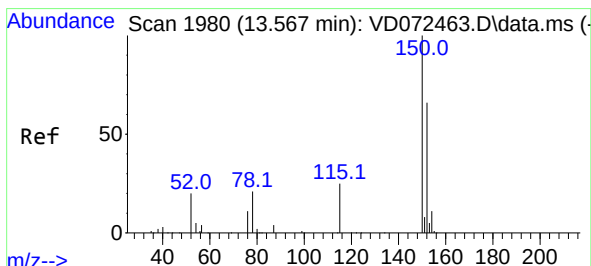
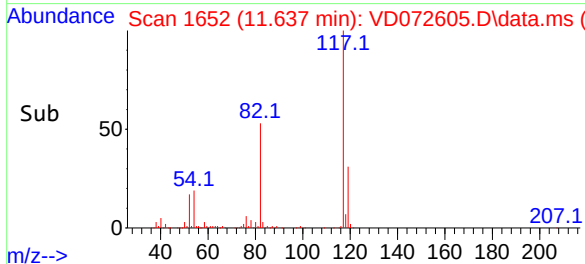
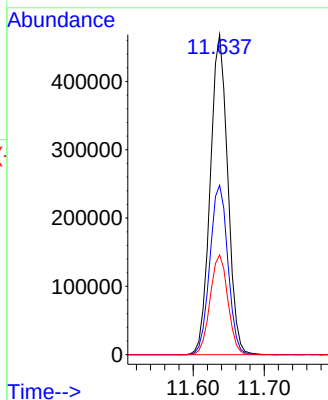
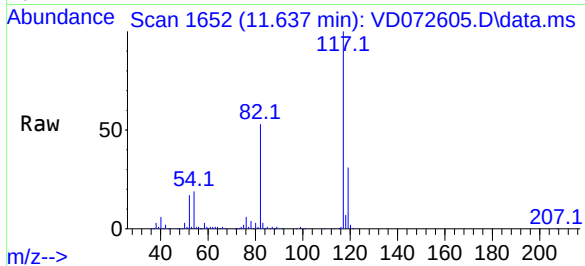




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072605.D
Acq: 18 Apr 2022 18:47

Instrument :
MSVOA_D
ClientSampleId :
SB-6

Tgt Ion:	117	Resp:	799802
Ion	Ratio	Lower	Upper
117	100		
82	52.9	45.3	67.9
119	31.2	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072605.D
Acq: 18 Apr 2022 18:47

Tgt Ion:	152	Resp:	358451
Ion	Ratio	Lower	Upper
152	100		
115	60.4	31.3	93.8
150	157.3	0.0	348.6

