

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD072994.D
 Acq On : 13 May 2022 17:24
 Operator : VA/SY
 Sample : N2817-21
 Misc : 5.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-0006-01

Quant Time: May 16 05:15:25 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)

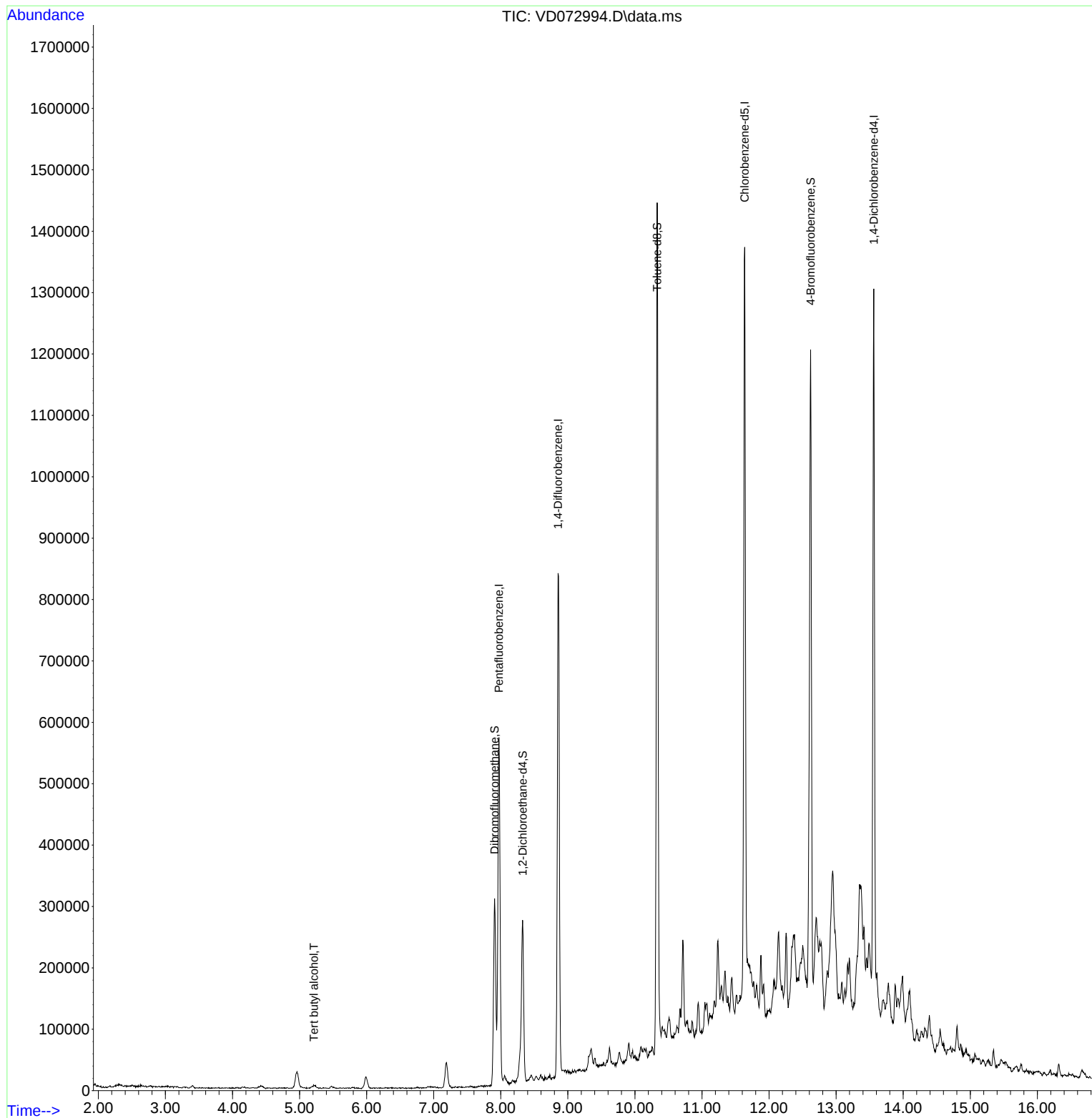
Internal Standards						
1) Pentafluorobenzene	7.973	168	406708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	726772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	689790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	303508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	198605	37.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.240%
35) Dibromofluoromethane	7.908	113	221226	43.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.680%
50) Toluene-d8	10.332	98	898203	49.057	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.120%
62) 4-Bromofluorobenzene	12.620	95	325207	47.635	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.280%
Target Compounds						
11) Tert butyl alcohol	5.214	59	8006	17.527	ug/l	Qvalue # 74

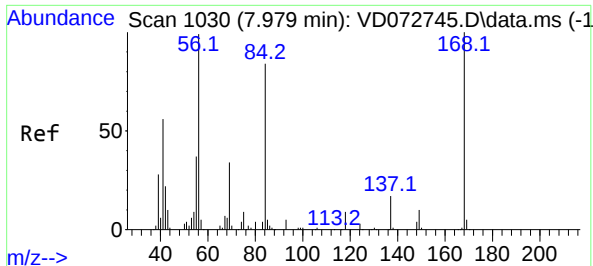
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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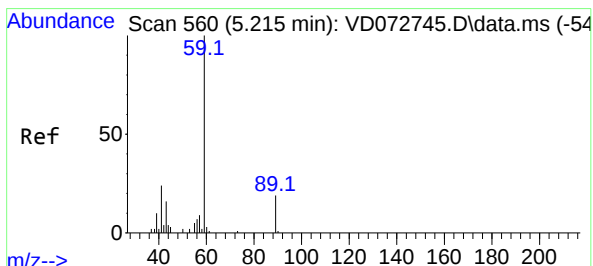
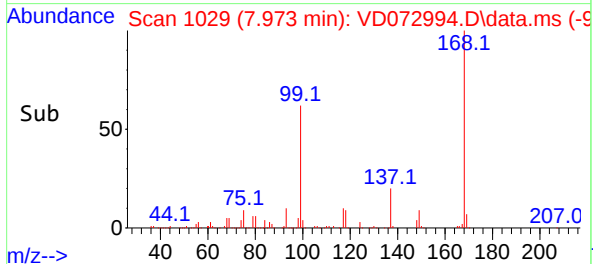
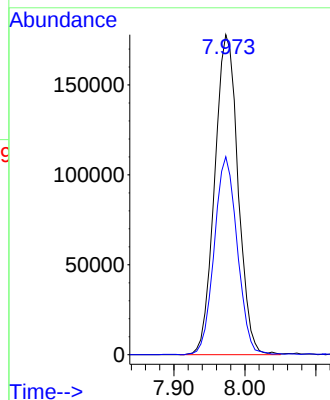
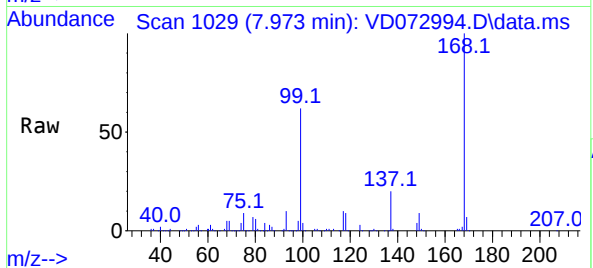




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072994.D
Acq: 13 May 2022 17:24

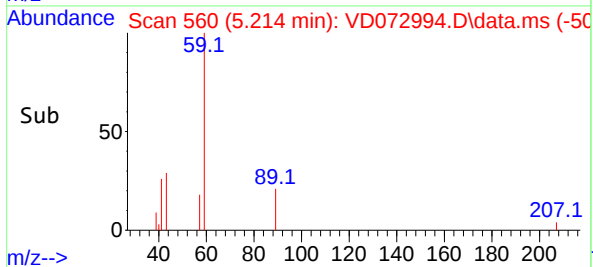
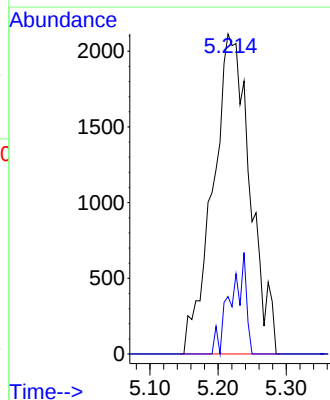
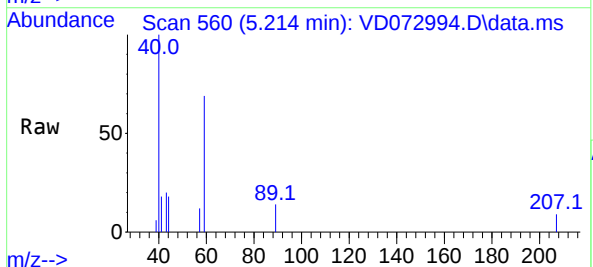
Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-0006-01

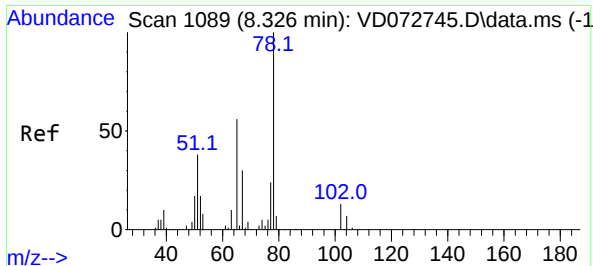
Tgt Ion:168 Resp: 406708
Ion Ratio Lower Upper
168 100
99 61.9 49.8 74.6



#11
Tert butyl alcohol
Concen: 17.527 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.001 min
Lab File: VD072994.D
Acq: 13 May 2022 17:24

Tgt Ion: 59 Resp: 8006
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

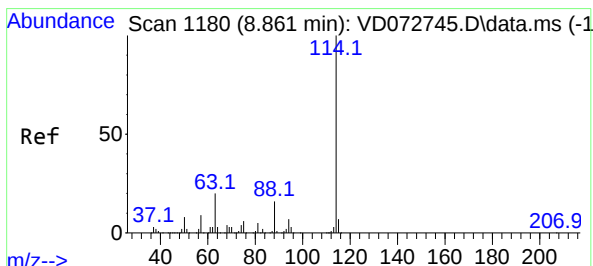
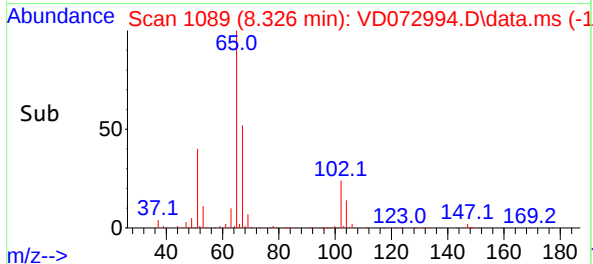
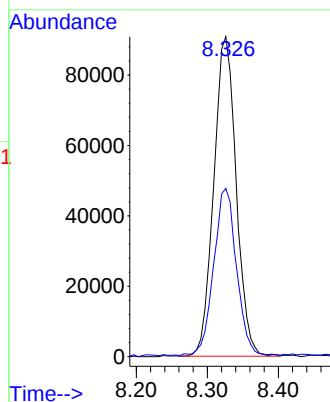
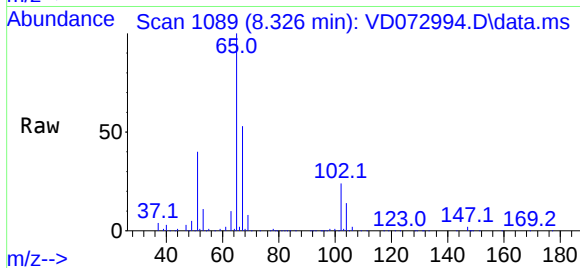




#33
1,2-Dichloroethane-d4
Concen: 37.619 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072994.D
Acq: 13 May 2022 17:24

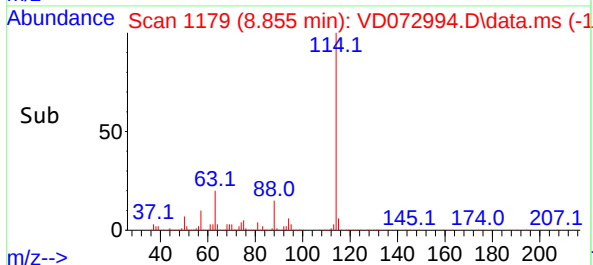
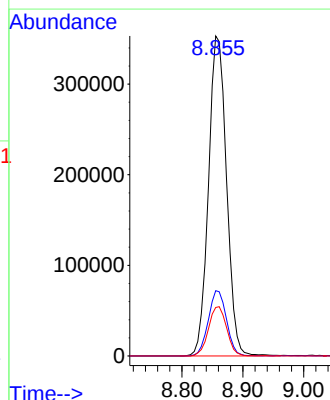
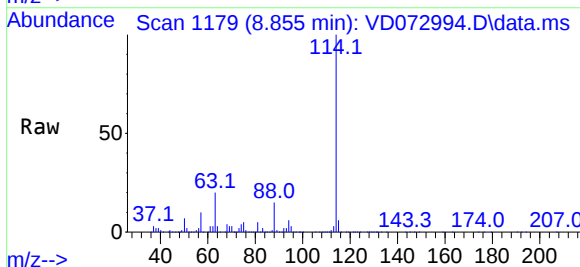
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MSVOA_D
ClientSampleId :
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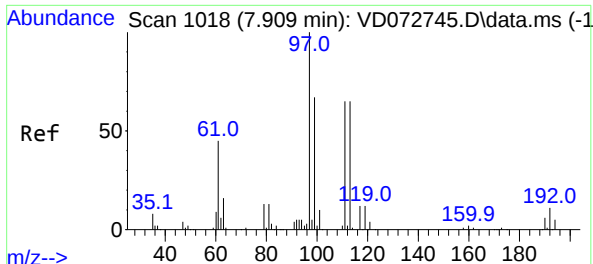
Tgt Ion: 65 Resp: 198605
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD072994.D
Acq: 13 May 2022 17:24

Tgt Ion: 114 Resp: 726772
Ion Ratio Lower Upper
114 100
63 20.4 0.0 46.6
88 15.2 0.0 33.2

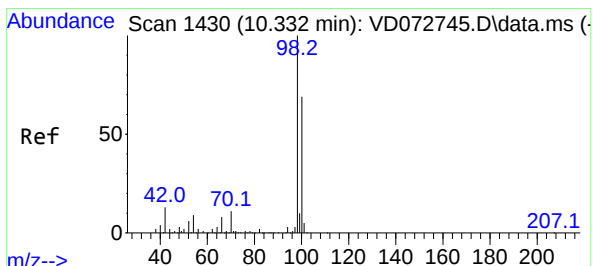
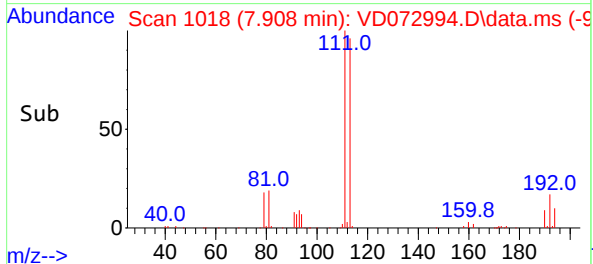
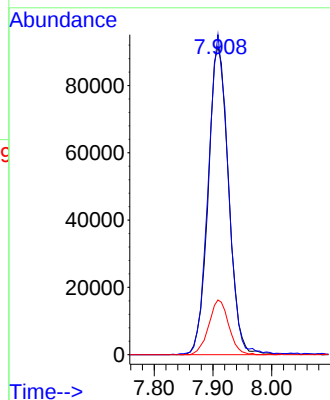
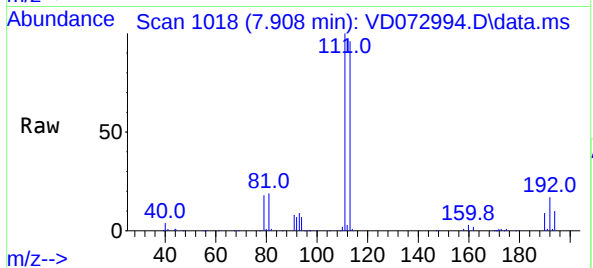




#35
Dibromofluoromethane
Concen: 43.342 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072994.D
Acq: 13 May 2022 17:24

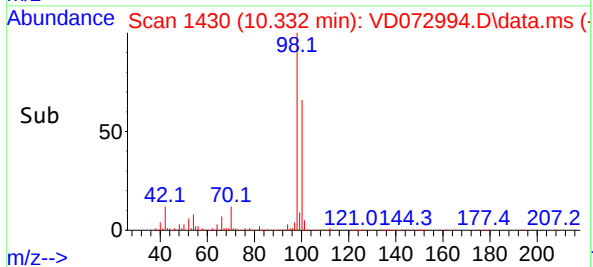
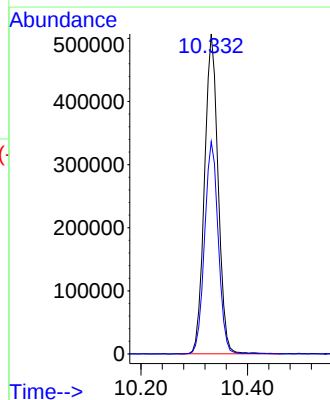
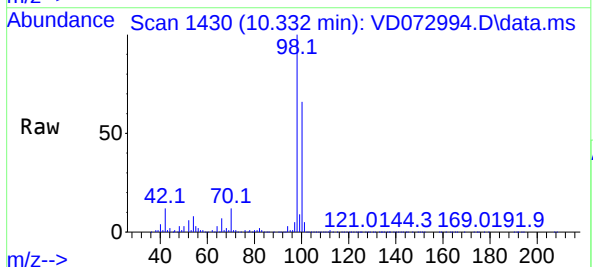
Instrument :
MSVOA_D
ClientSampleId :
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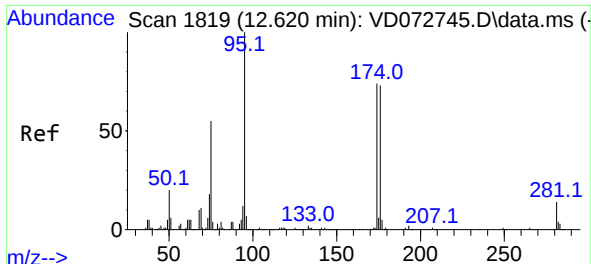
Tgt Ion:113 Resp: 221226
Ion Ratio Lower Upper
113 100
111 101.6 83.8 125.6
192 17.4 14.6 21.8



#50
Toluene-d8
Concen: 49.057 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072994.D
Acq: 13 May 2022 17:24

Tgt Ion: 98 Resp: 898203
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6

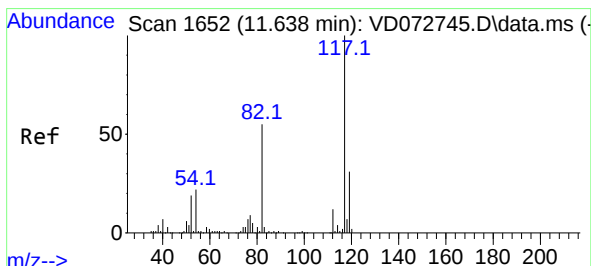
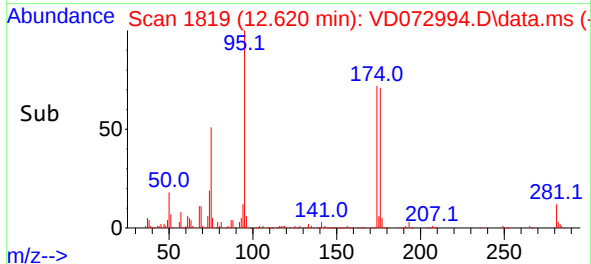
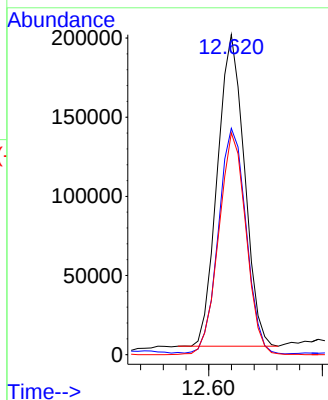
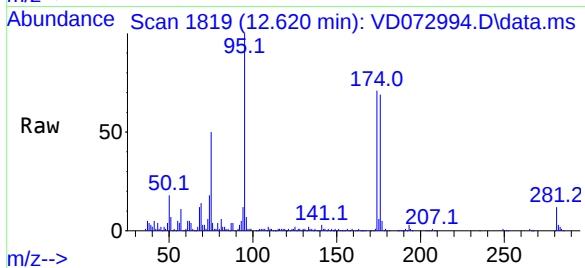




#62
4-Bromofluorobenzene
Concen: 47.635 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072994.D
Acq: 13 May 2022 17:24

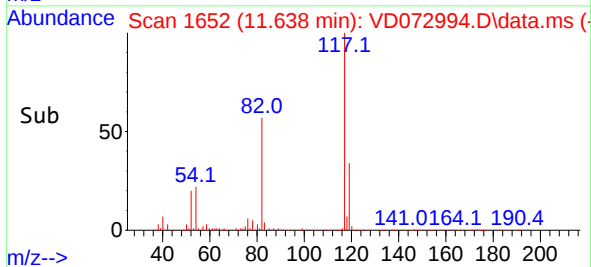
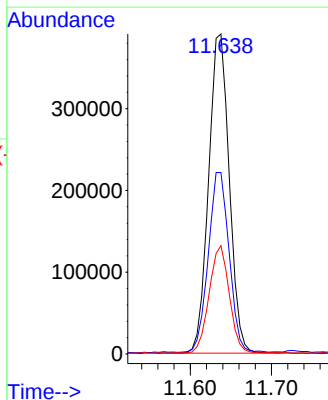
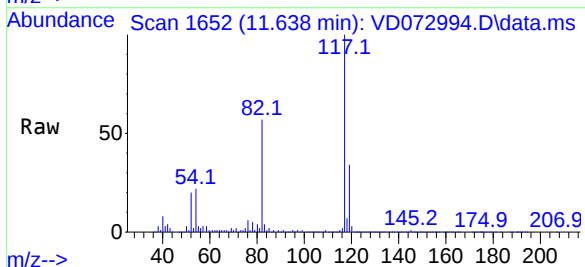
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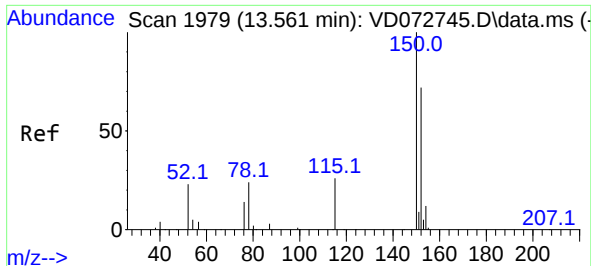
Tgt Ion: 95 Resp: 325207
Ion Ratio Lower Upper
95 100
174 74.2 0.0 152.8
176 71.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072994.D
Acq: 13 May 2022 17:24

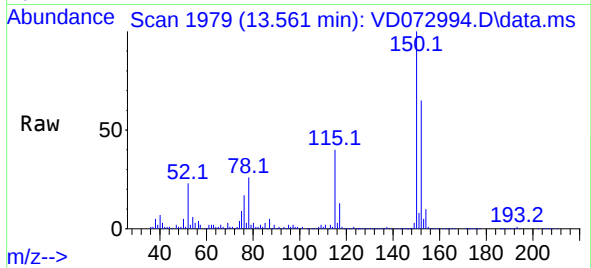
Tgt Ion: 117 Resp: 689790
Ion Ratio Lower Upper
117 100
82 56.4 45.3 67.9
119 33.5 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072994.D
 Acq: 13 May 2022 17:24

Instrument :
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 ClientSampleId :
 P026-SS002-0006-01



Tgt Ion:152 Resp: 303508

Ion	Ratio	Lower	Upper
152	100		
115	63.3	31.3	93.8
150	158.6	0.0	348.6

