

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073303.D
 Acq On : 24 May 2022 01:57
 Operator : VA/SY
 Sample : N2949-03
 Misc : 4.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P043-SS001-0006-01

Quant Time: May 24 03:31:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

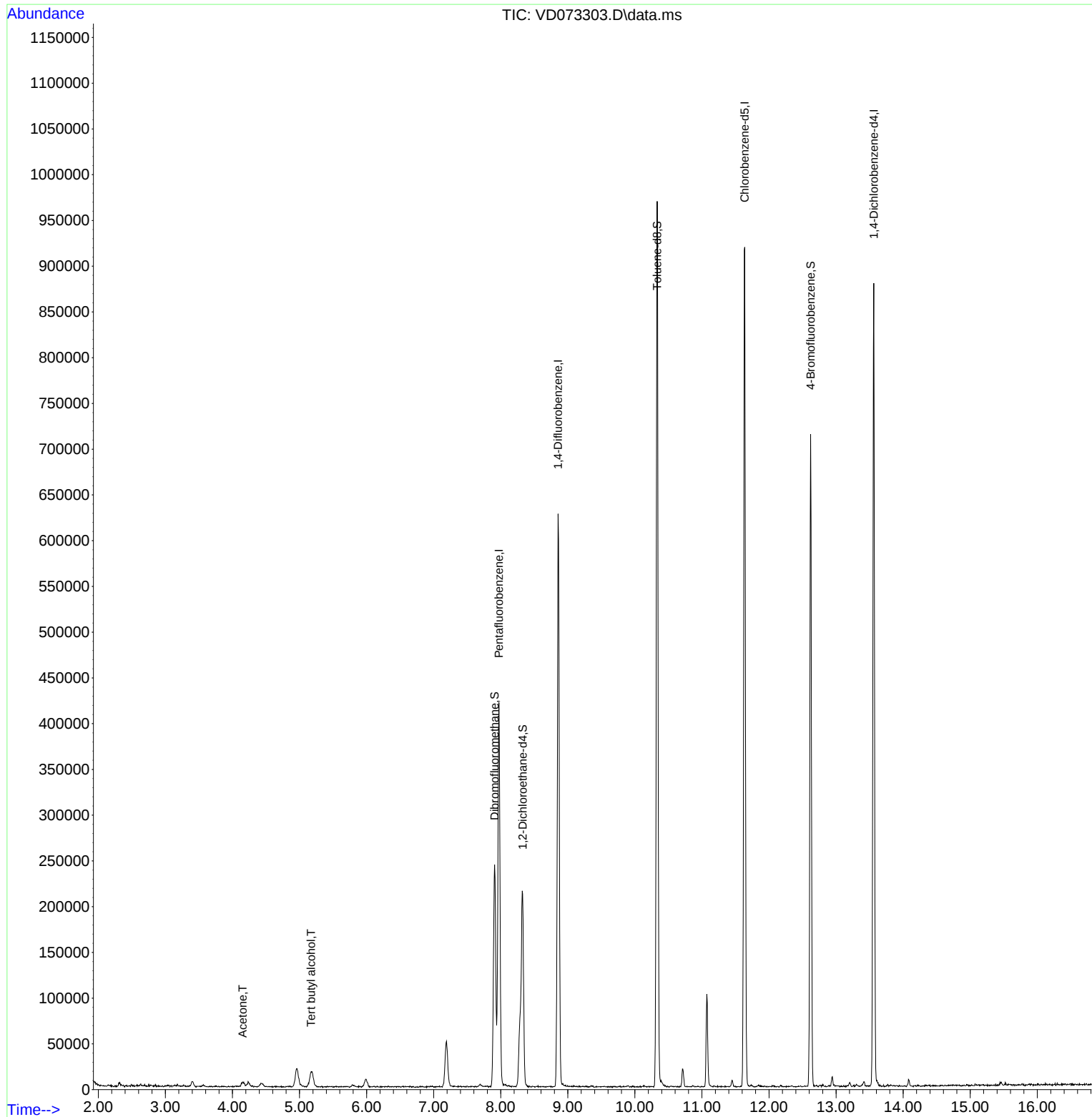
Internal Standards						
1) Pentafluorobenzene	7.973	168	292553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	528517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	546289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	232325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	165226	51.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.200%	
35) Dibromofluoromethane	7.909	113	180034	51.623	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.240%	
50) Toluene-d8	10.332	98	646003	50.250	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.500%	
62) 4-Bromofluorobenzene	12.620	95	230130	51.008	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.020%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.173	59	16607	33.107	ug/l	# 76
16) Acetone	4.150	43	10688	19.085	ug/l	98

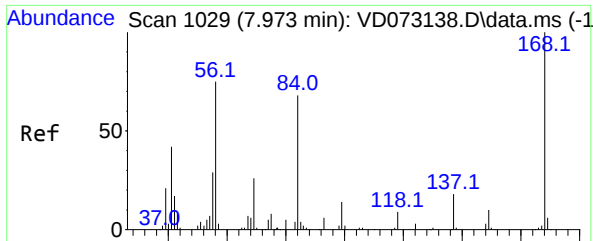
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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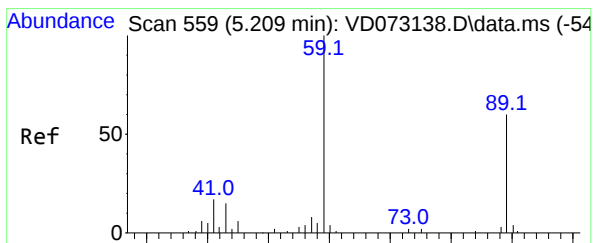
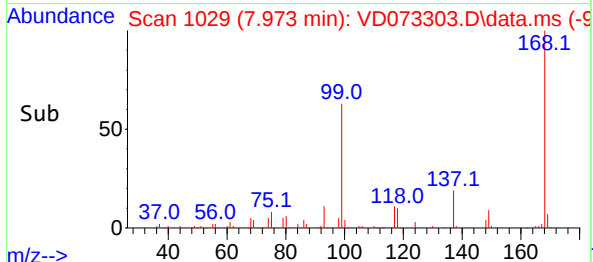
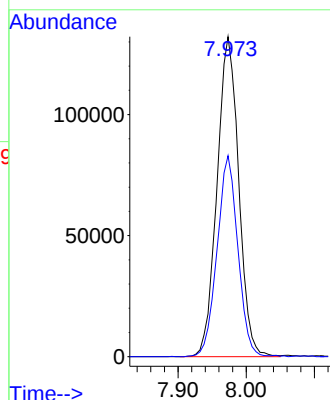
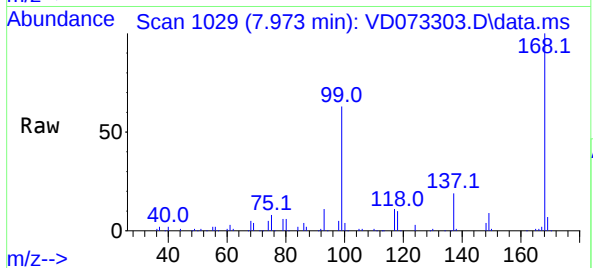




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073303.D
Acq: 24 May 2022 01:57

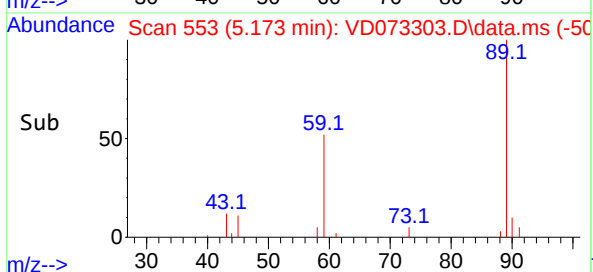
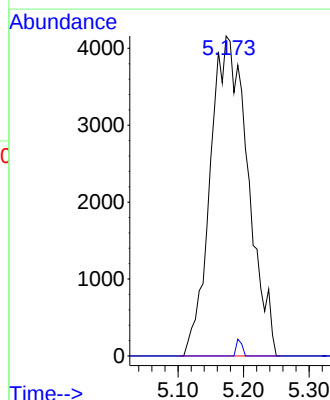
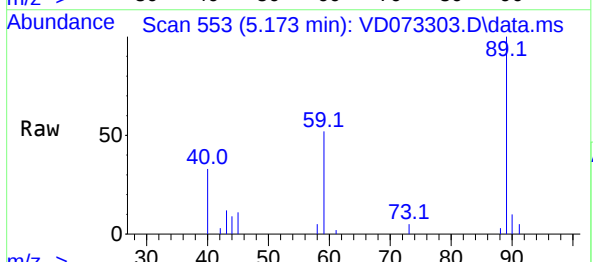
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0006-01

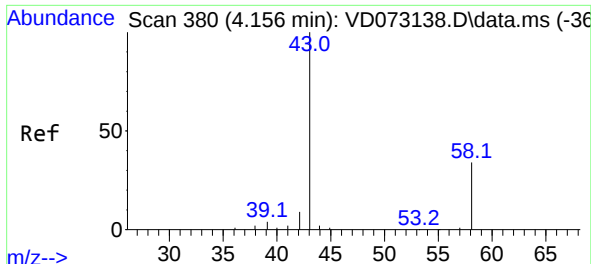
Tgt Ion:168 Resp: 292553
Ion Ratio Lower Upper
168 100
99 62.8 49.8 74.6



#11
Tert butyl alcohol
Concen: 33.107 ug/l
RT: 5.173 min Scan# 553
Delta R.T. -0.036 min
Lab File: VD073303.D
Acq: 24 May 2022 01:57

Tgt Ion: 59 Resp: 16607
Ion Ratio Lower Upper
59 100
57 0.8 7.8 11.6#

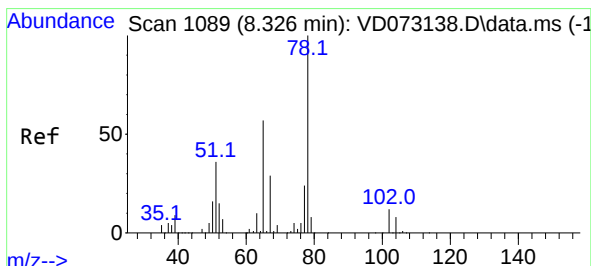
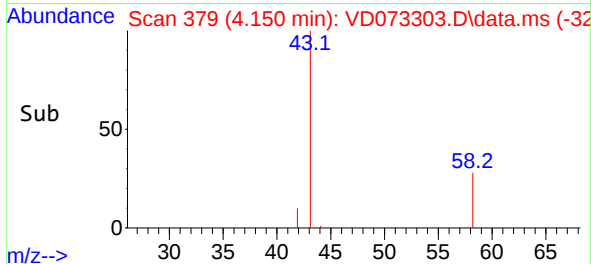
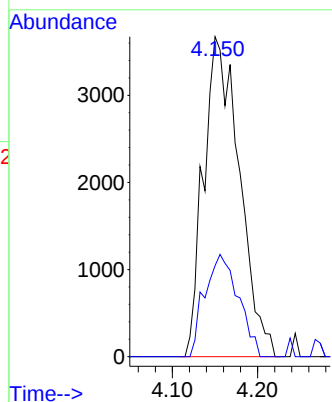
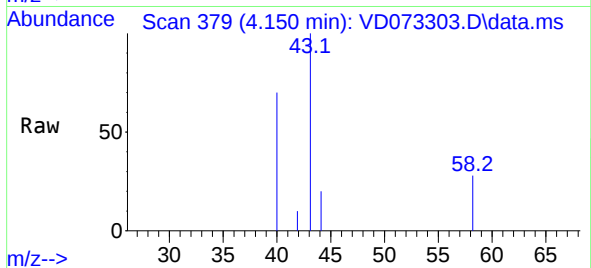




#16
Acetone
Concen: 19.085 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD073303.D
Acq: 24 May 2022 01:57

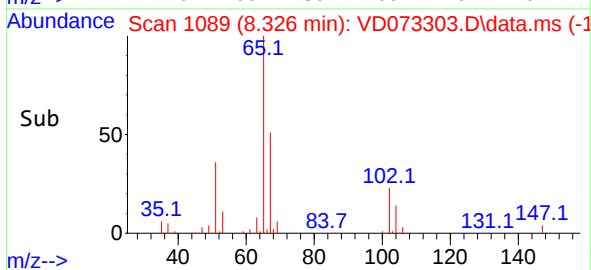
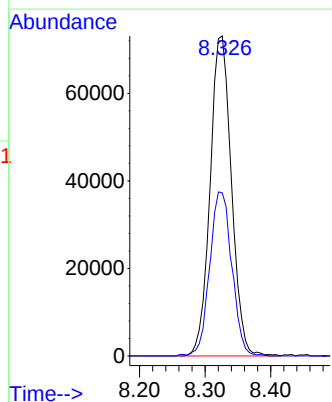
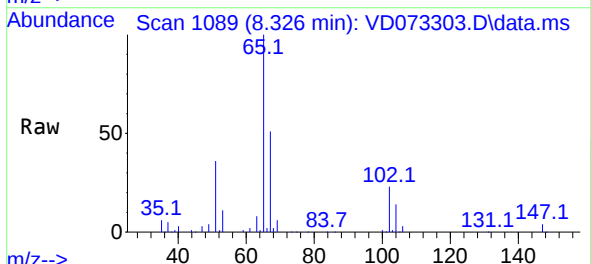
Instrument :
MSVOA_D
ClientSampleId :
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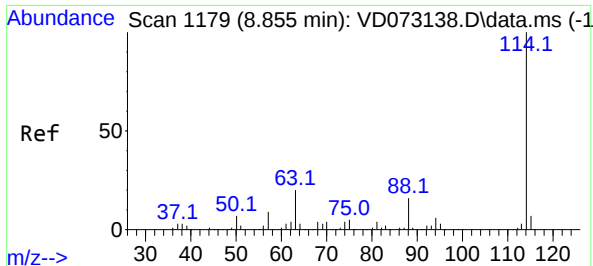
Tgt Ion: 43 Resp: 10688
Ion Ratio Lower Upper
43 100
58 28.5 22.1 33.1



#33
1,2-Dichloroethane-d4
Concen: 51.104 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073303.D
Acq: 24 May 2022 01:57

Tgt Ion: 65 Resp: 165226
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.4

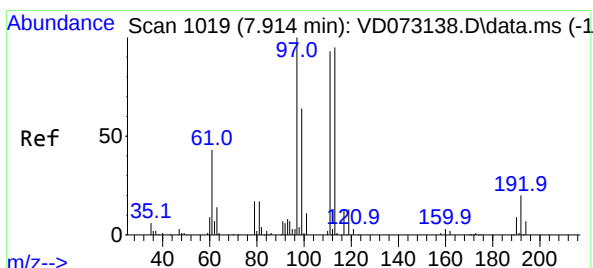
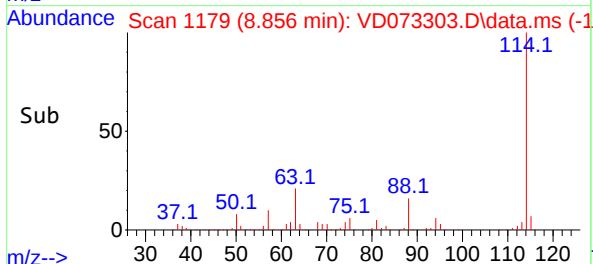
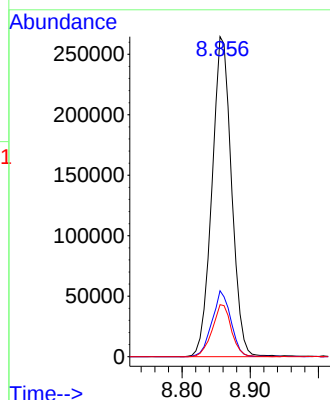
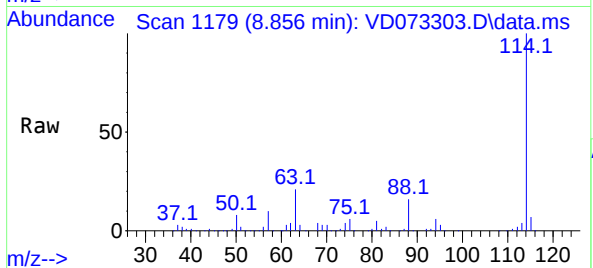




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073303.D
Acq: 24 May 2022 01:57

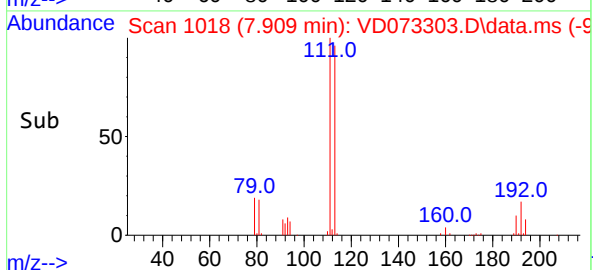
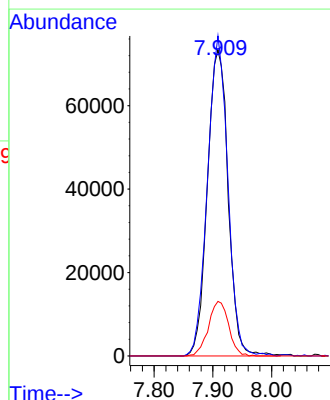
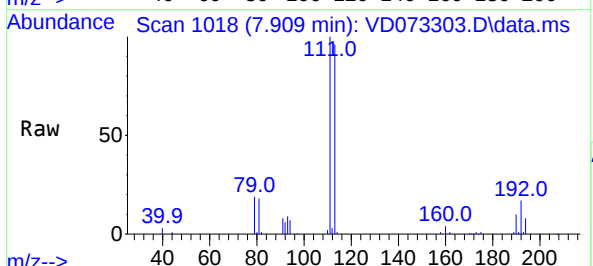
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0006-01

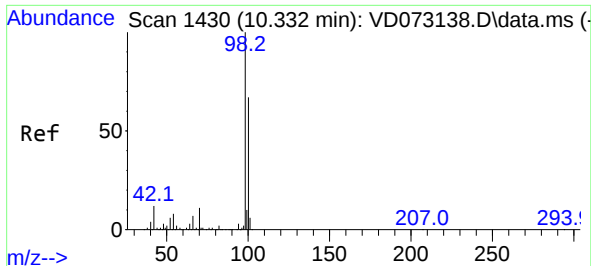
Tgt Ion:114 Resp: 528517
Ion Ratio Lower Upper
114 100
63 20.6 0.0 46.6
88 16.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.623 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD073303.D
Acq: 24 May 2022 01:57

Tgt Ion:113 Resp: 180034
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 17.4 14.6 21.8

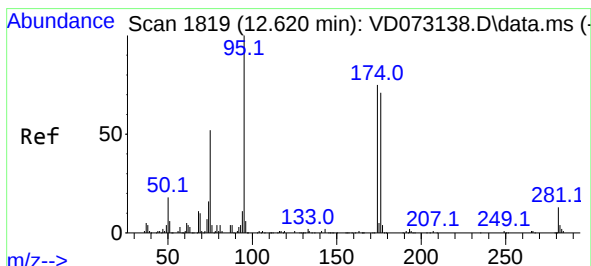
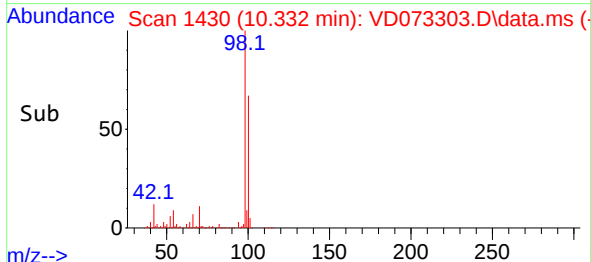
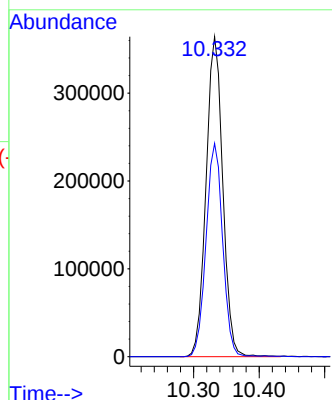
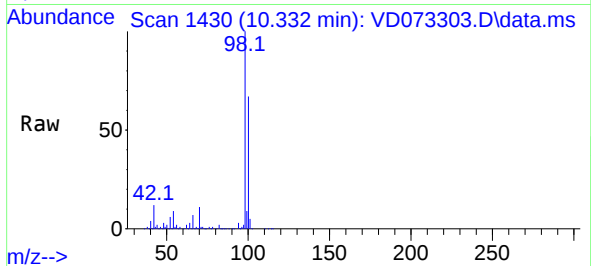




#50
Toluene-d8
Concen: 50.250 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073303.D
Acq: 24 May 2022 01:57

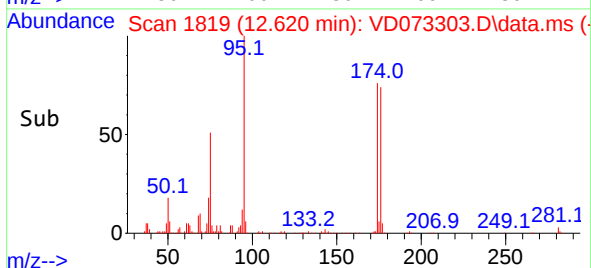
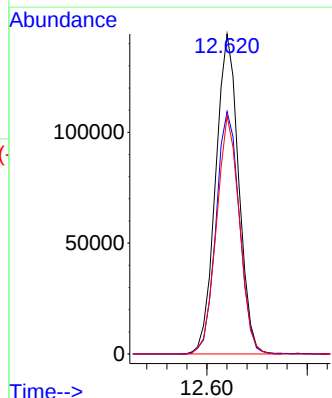
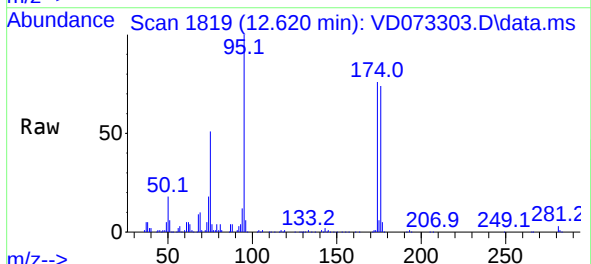
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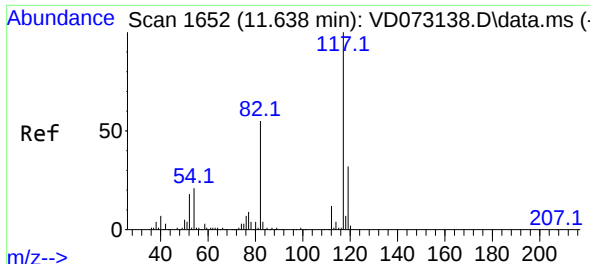
Tgt Ion: 98 Resp: 646003
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.008 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073303.D
Acq: 24 May 2022 01:57

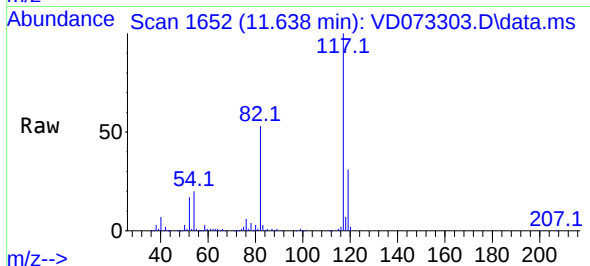
Tgt Ion: 95 Resp: 230130
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 73.9 0.0 145.4



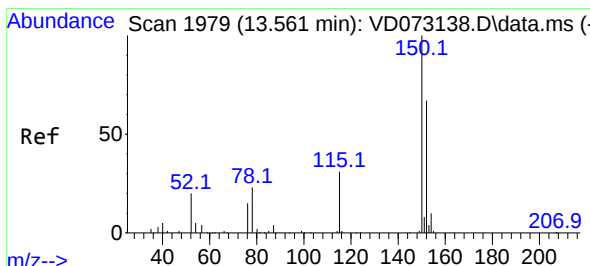
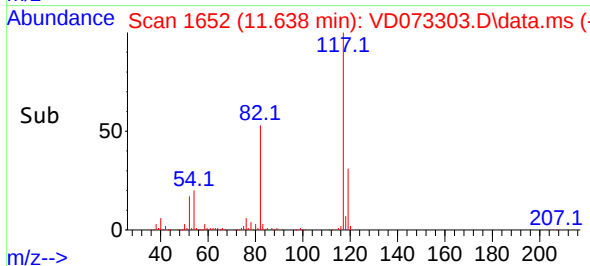
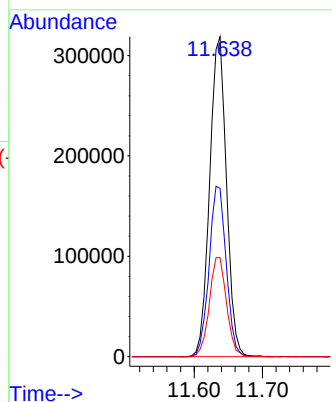


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073303.D
Acq: 24 May 2022 01:57

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0006-01



Tgt Ion:117 Resp: 546289
Ion Ratio Lower Upper
117 100
82 52.6 45.3 67.9
119 31.0 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: VD073303.D
Acq: 24 May 2022 01:57

Tgt Ion:152 Resp: 232325
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 158.6 0.0 348.6

