

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073304.D
 Acq On : 24 May 2022 02:26
 Operator : VA/SY
 Sample : N2949-04
 Misc : 6.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P043-SS001-0612-01

Quant Time: May 24 03:32:00 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)

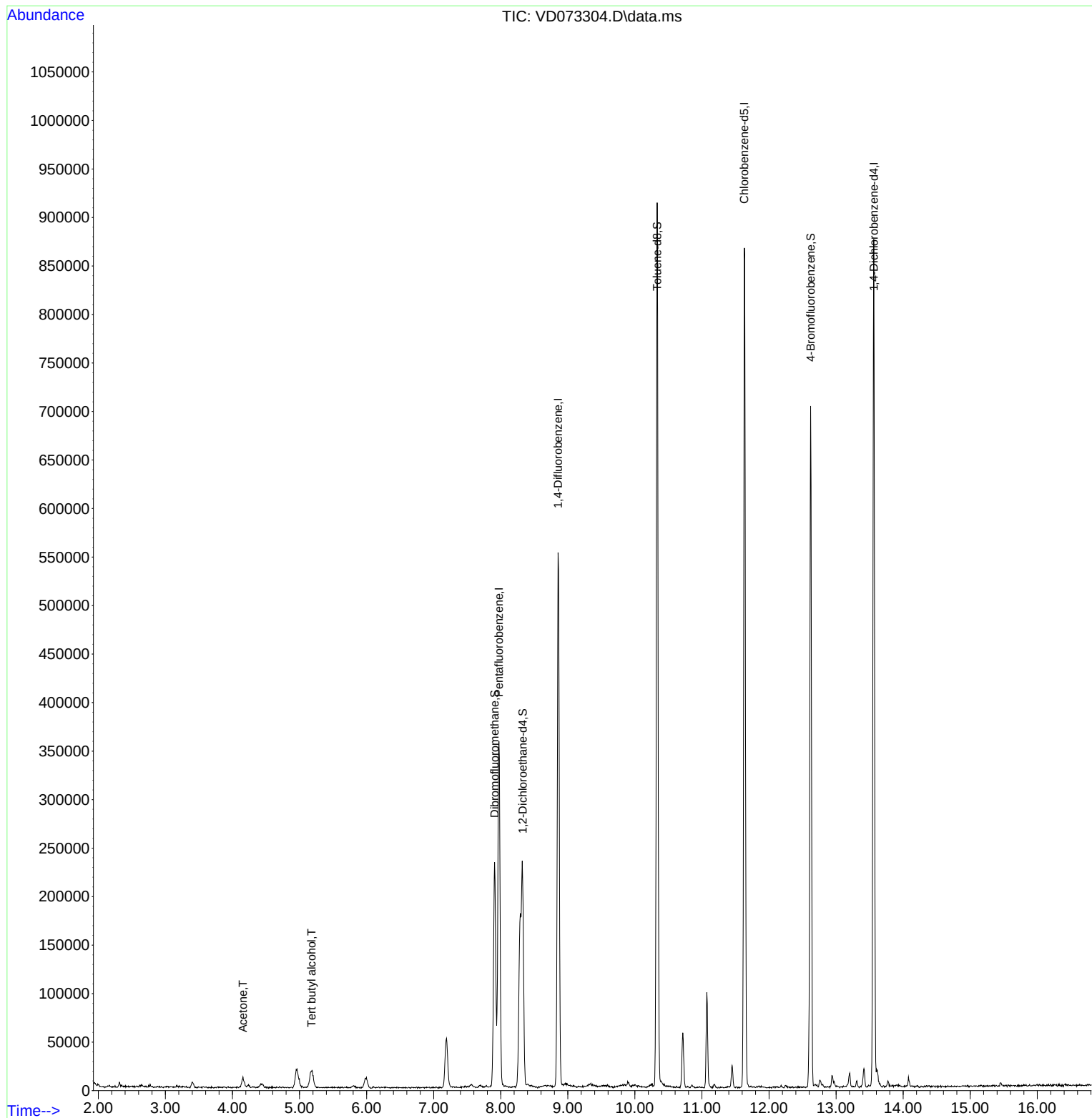
Internal Standards						
1) Pentafluorobenzene	7.973	168	260808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	478363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	509377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	231666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	162093	56.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.480%
35) Dibromofluoromethane	7.909	113	167099	52.937	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.880%
50) Toluene-d8	10.332	98	598324	51.421	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.840%
62) 4-Bromofluorobenzene	12.620	95	227949	55.822	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.640%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.179	59	16768	37.496	ug/l	# 75
16) Acetone	4.156	43	17079	34.210	ug/l	98

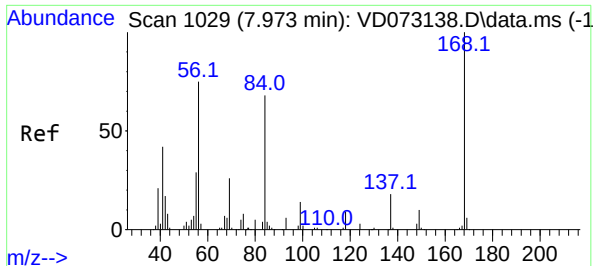
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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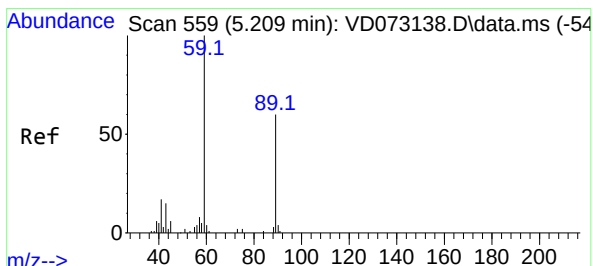
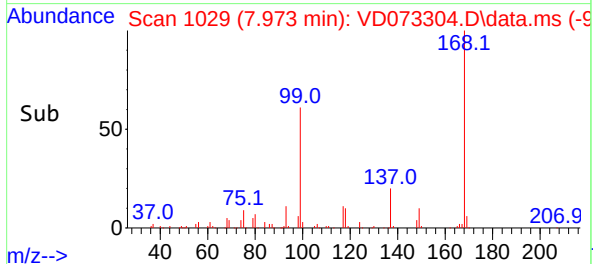
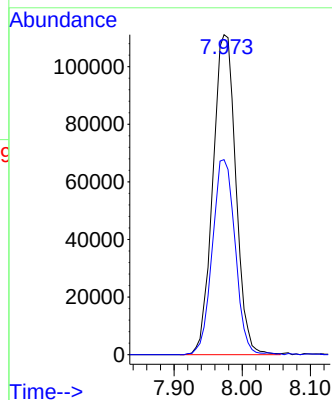
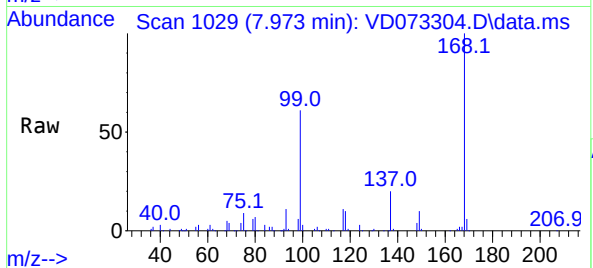




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073304.D
Acq: 24 May 2022 02:26

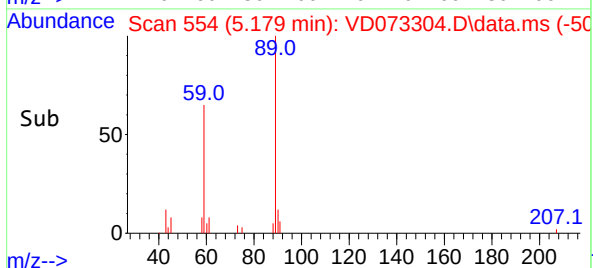
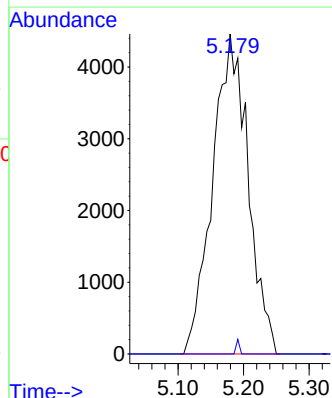
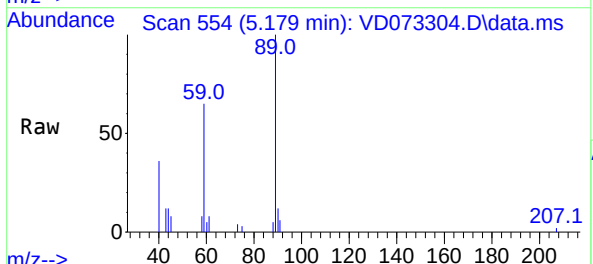
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01

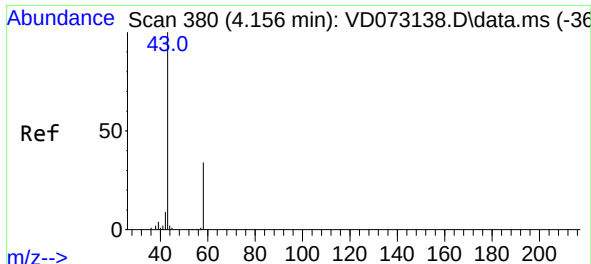
Tgt Ion:168 Resp: 260808
Ion Ratio Lower Upper
168 100
99 61.0 49.8 74.6



#11
Tert butyl alcohol
Concen: 37.496 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.030 min
Lab File: VD073304.D
Acq: 24 May 2022 02:26

Tgt Ion: 59 Resp: 16768
Ion Ratio Lower Upper
59 100
57 0.4 7.8 11.6#

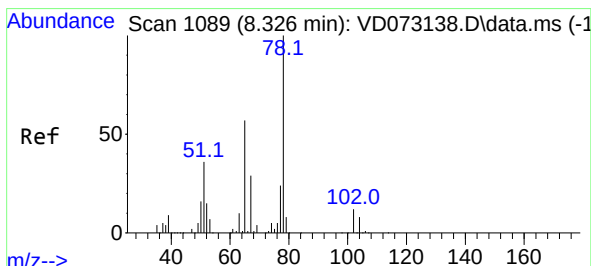
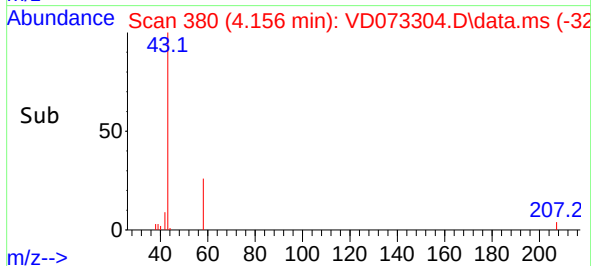
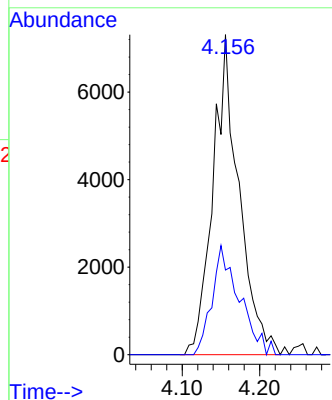
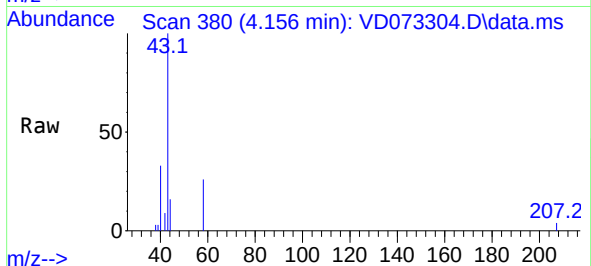




#16
Acetone
Concen: 34.210 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073304.D
Acq: 24 May 2022 02:26

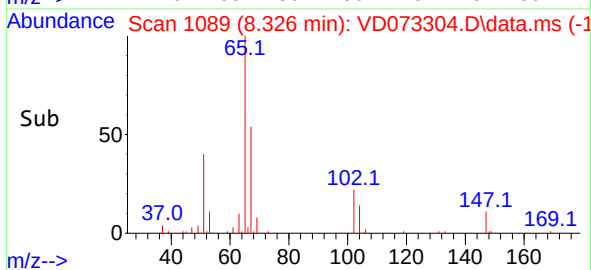
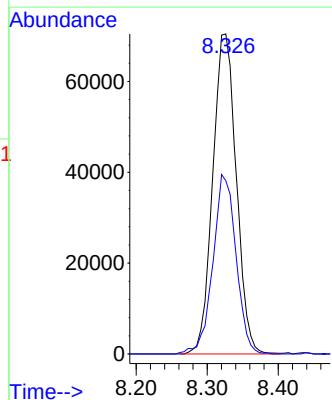
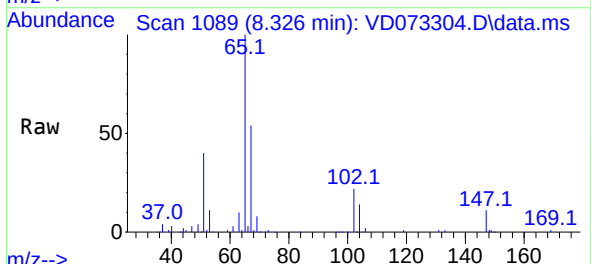
Instrument :
MSVOA_D
ClientSampleId :
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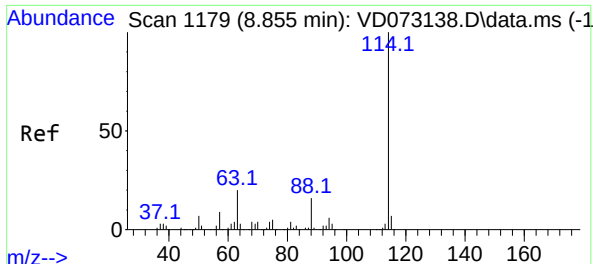
Tgt Ion: 43 Resp: 17079
Ion Ratio Lower Upper
43 100
58 26.5 22.1 33.1



#33
1,2-Dichloroethane-d4
Concen: 56.237 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073304.D
Acq: 24 May 2022 02:26

Tgt Ion: 65 Resp: 162093
Ion Ratio Lower Upper
65 100
67 54.9 0.0 101.4

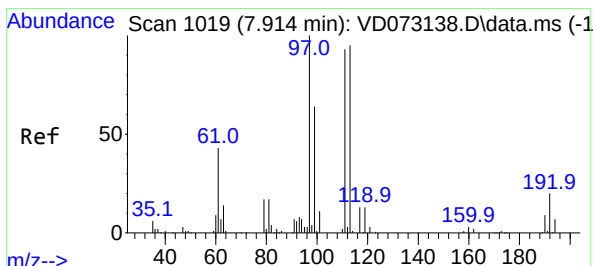
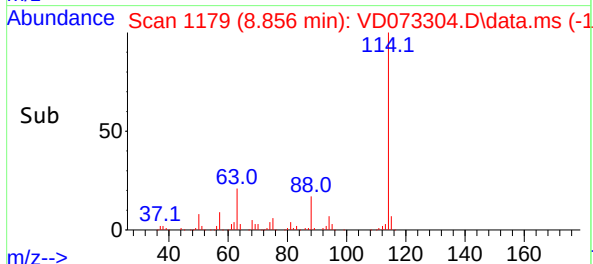
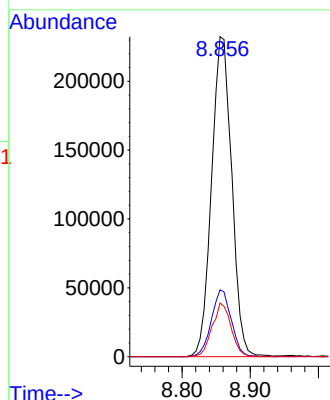
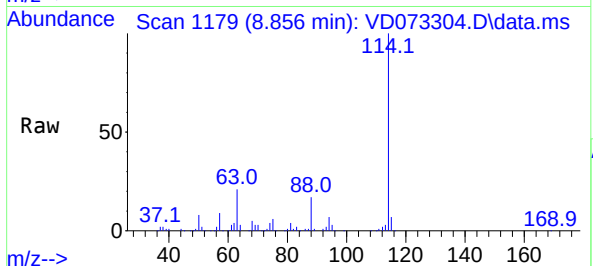




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073304.D
Acq: 24 May 2022 02:26

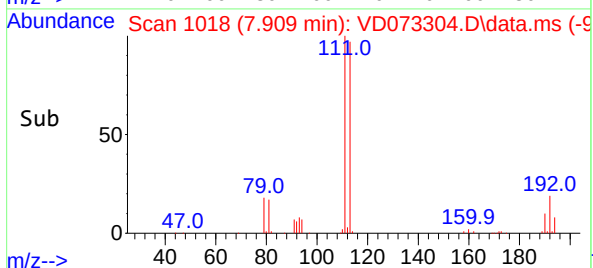
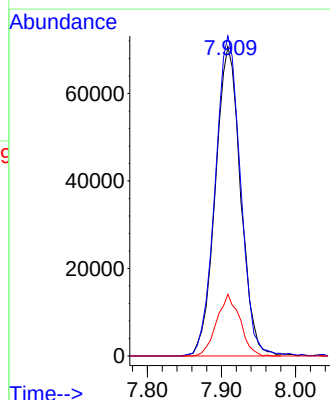
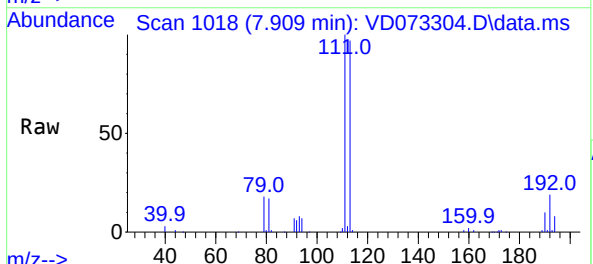
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01

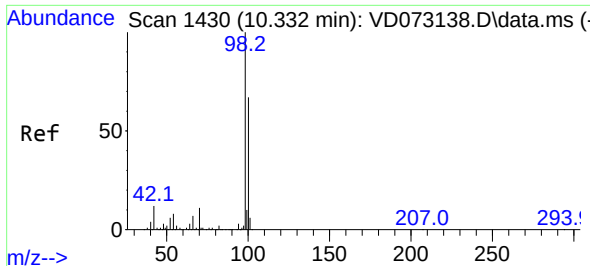
Tgt Ion:114 Resp: 478363
Ion Ratio Lower Upper
114 100
63 20.9 0.0 46.6
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 52.937 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD073304.D
Acq: 24 May 2022 02:26

Tgt Ion:113 Resp: 167099
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.6
192 18.4 14.6 21.8

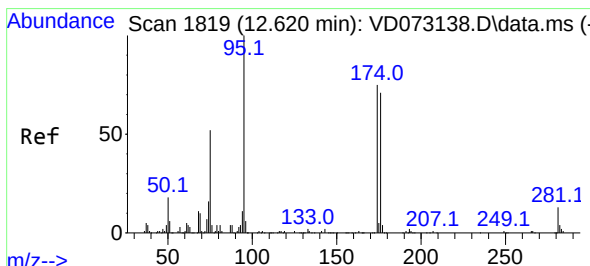
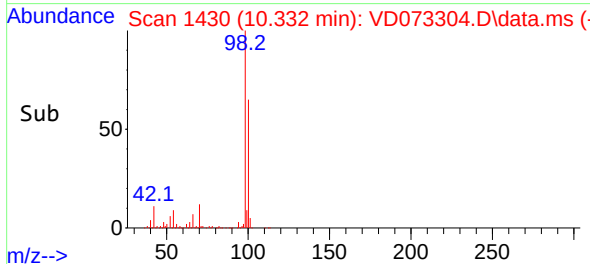
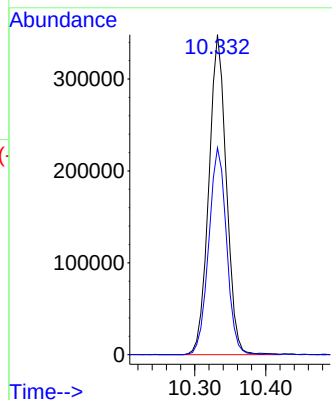
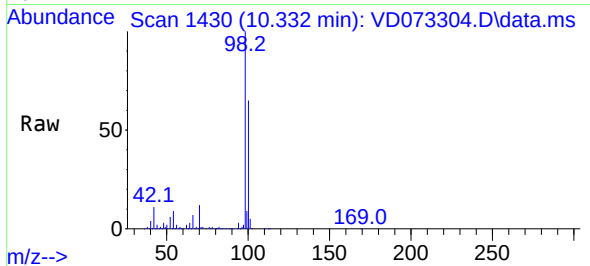




#50
Toluene-d8
Concen: 51.421 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073304.D
Acq: 24 May 2022 02:26

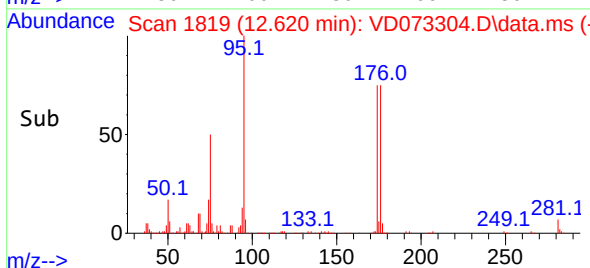
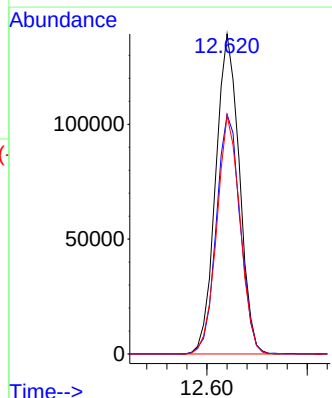
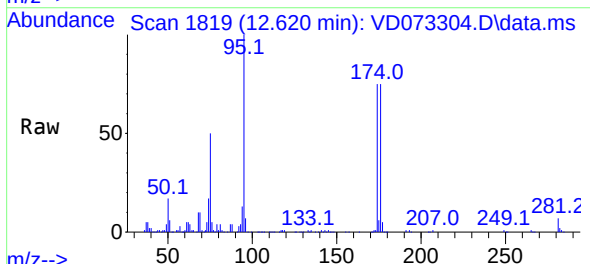
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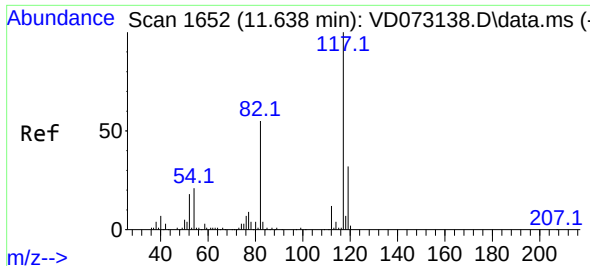
Tgt Ion: 98 Resp: 598324
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.822 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073304.D
Acq: 24 May 2022 02:26

Tgt Ion: 95 Resp: 227949
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.8
176 73.2 0.0 145.4

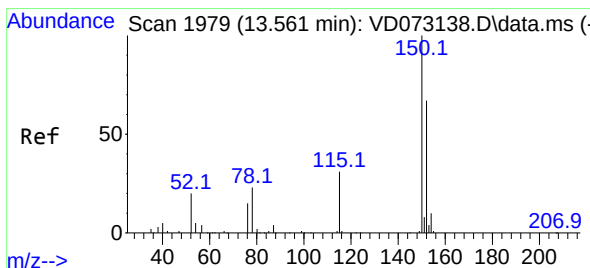
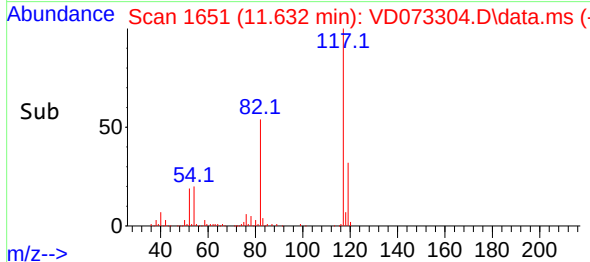
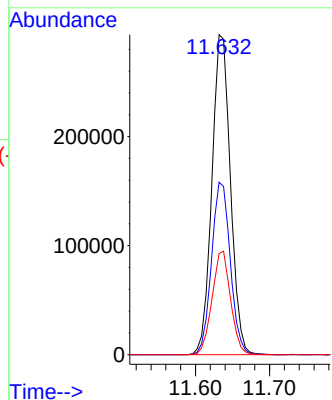
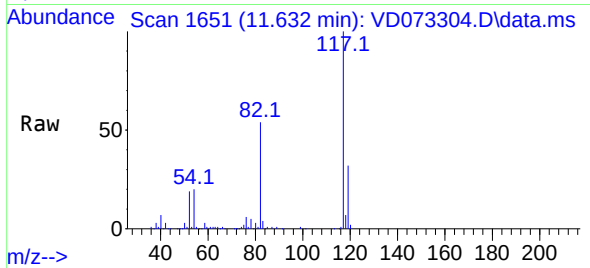




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073304.D
Acq: 24 May 2022 02:26

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01

Tgt Ion:117 Resp: 509377
Ion Ratio Lower Upper
117 100
82 53.9 45.3 67.9
119 31.6 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: VD073304.D
Acq: 24 May 2022 02:26

Tgt Ion:152 Resp: 231666
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 158.3 0.0 348.6

