

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073233.D
 Acq On : 21 May 2022 16:54
 Operator : VA/SY
 Sample : N2870-04
 Misc : 5.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P033-SS001-1824-01

Quant Time: May 22 01:32:43 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	7.967	168	3760	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.856	114	5717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.626	117	5580	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.561	152	1887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	2782	66.950	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.900%	
35) Dibromofluoromethane	7.914	113	2721	72.128	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 144.260%	
50) Toluene-d8	10.332	98	6405	46.059	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.120%	
62) 4-Bromofluorobenzene	12.620	95	2156	44.178	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.360%	

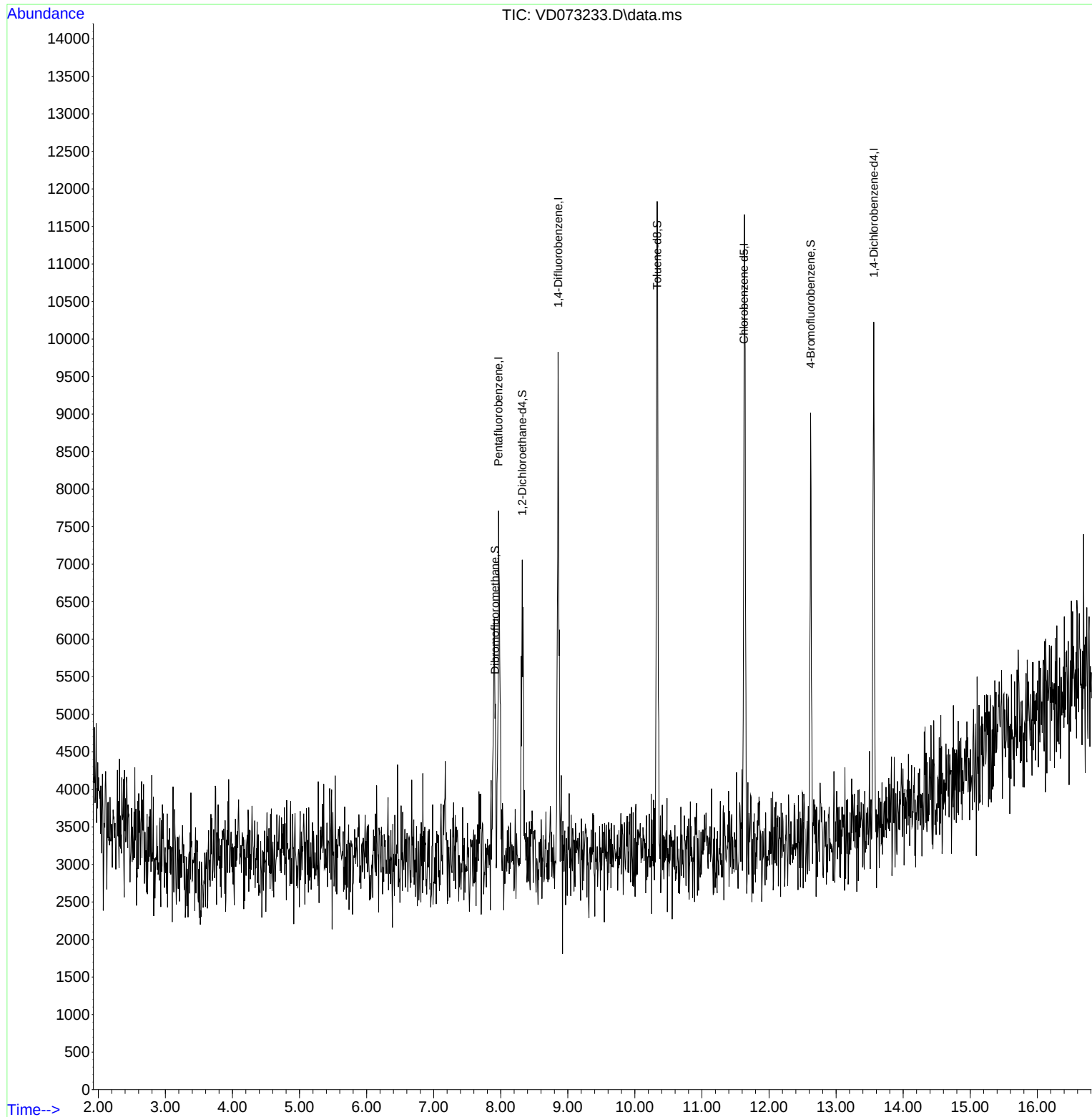
Target Compounds Qvalue

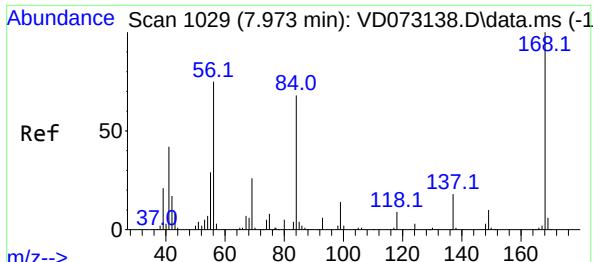
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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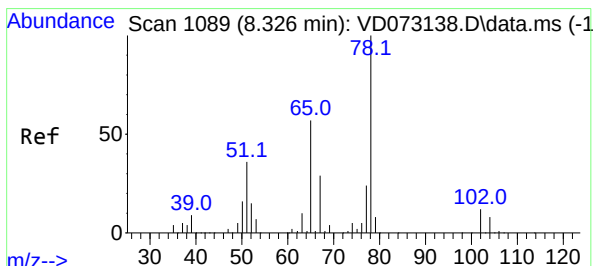
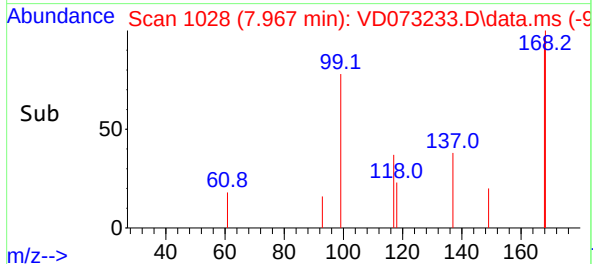
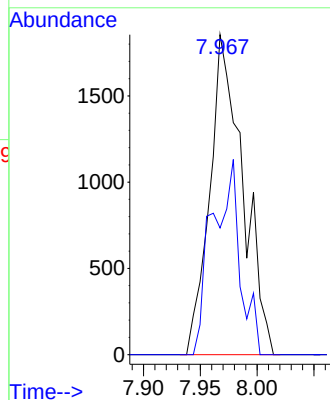
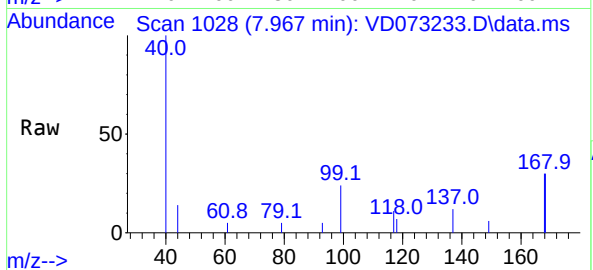




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073233.D
Acq: 21 May 2022 16:54

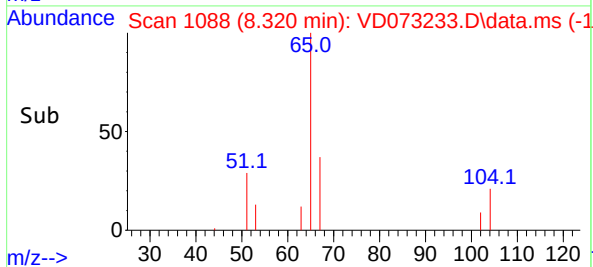
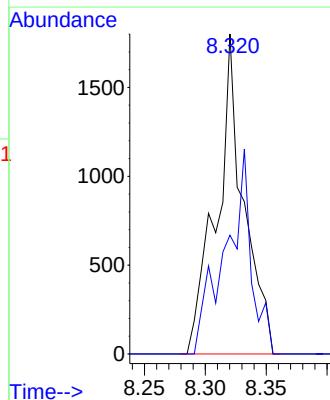
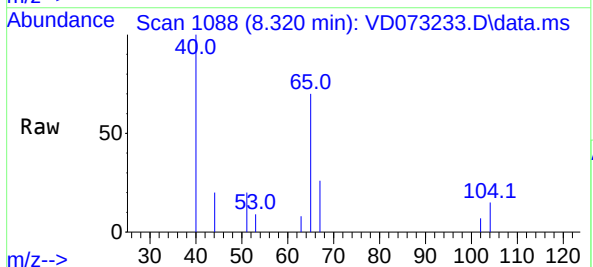
Instrument :
MSVOA_D
ClientSampleId :
P033-SS001-1824-01

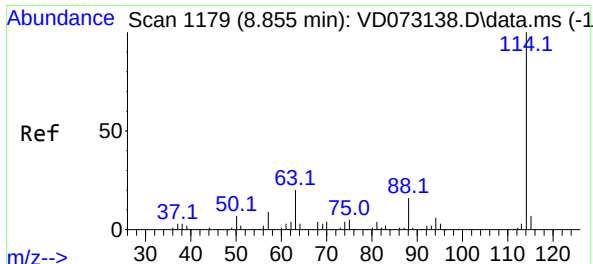
Tgt Ion:168 Resp: 3760
Ion Ratio Lower Upper
168 100
99 39.6 49.8 74.6#



#33
1,2-Dichloroethane-d4
Concen: 66.950 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073233.D
Acq: 21 May 2022 16:54

Tgt Ion: 65 Resp: 2782
Ion Ratio Lower Upper
65 100
67 62.0 0.0 101.4



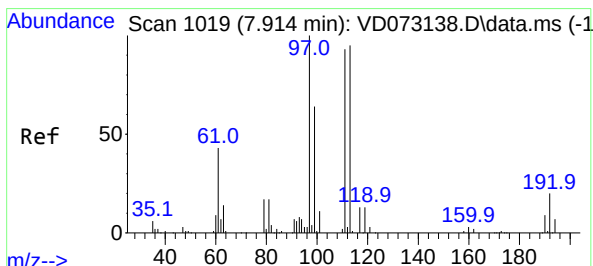
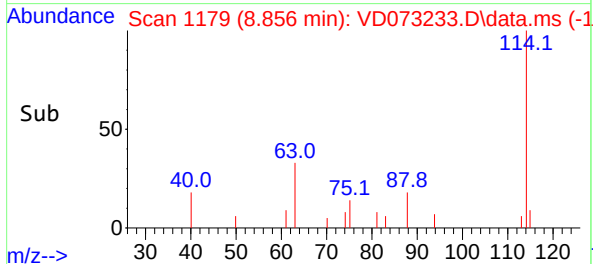
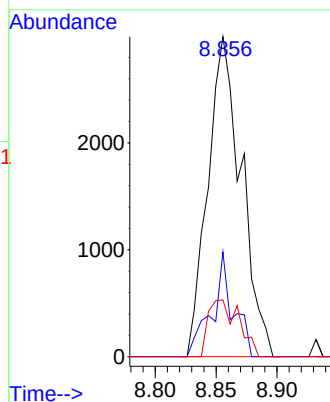
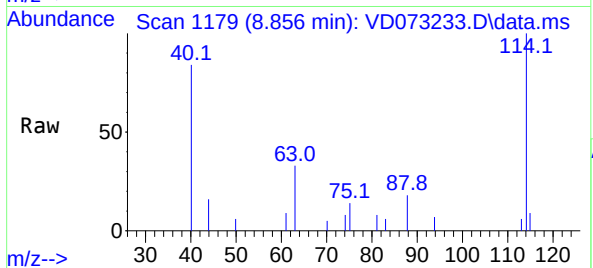


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073233.D
Acq: 21 May 2022 16:54

Instrument :
MSVOA_D
ClientSampleId :
P033-SS001-1824-01

Tgt Ion:114 Resp: 5717

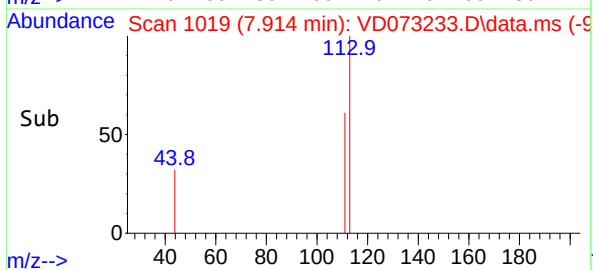
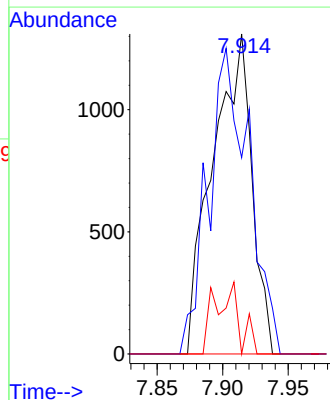
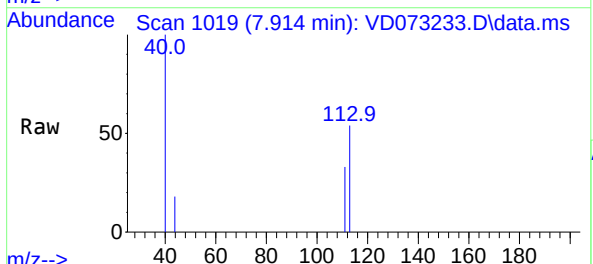
Ion	Ratio	Lower	Upper
114	100		
63	32.7	0.0	46.6
88	17.7	0.0	33.2

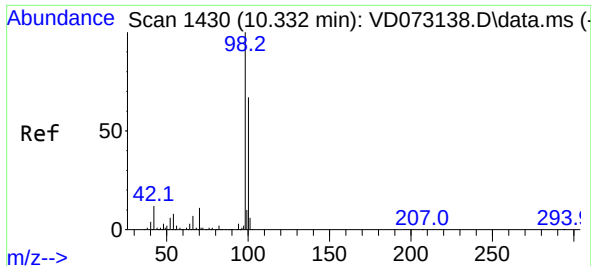


#35
Dibromofluoromethane
Concen: 72.128 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD073233.D
Acq: 21 May 2022 16:54

Tgt Ion:113 Resp: 2721

Ion	Ratio	Lower	Upper
113	100		
111	99.3	83.8	125.6
192	14.0	14.6	21.8

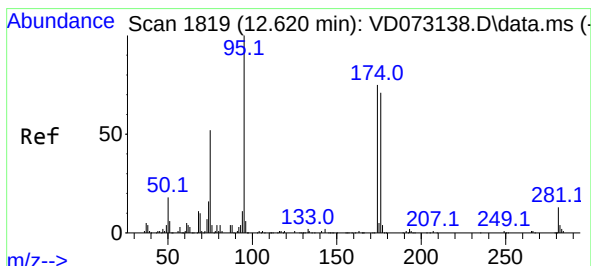
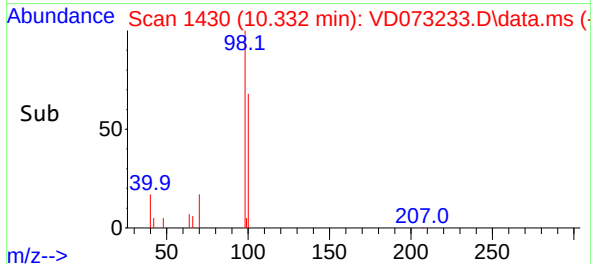
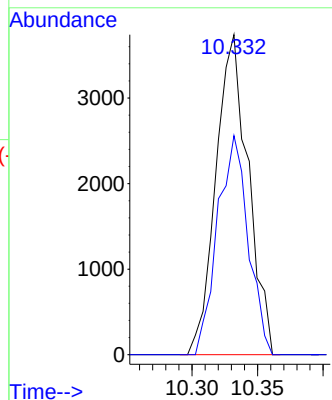
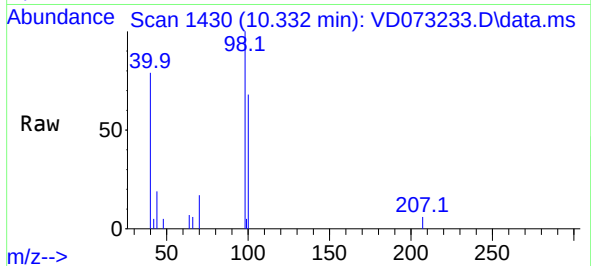




#50
Toluene-d8
Concen: 46.059 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073233.D
Acq: 21 May 2022 16:54

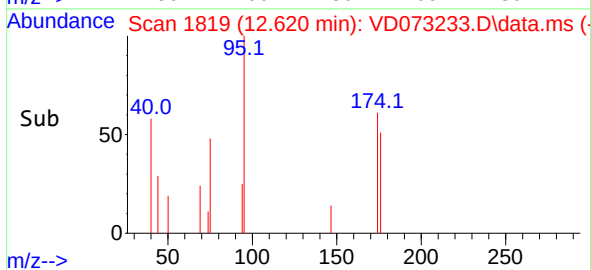
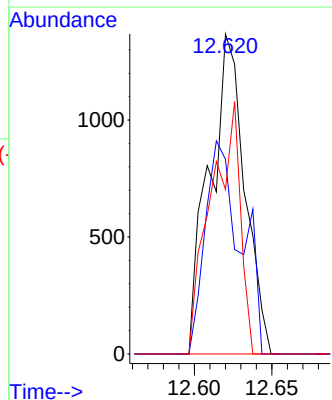
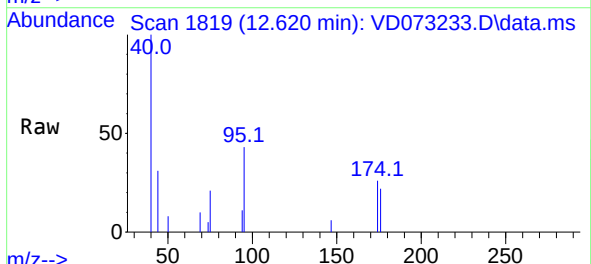
Instrument :
MSVOA_D
ClientSampleId :
P033-SS001-1824-01

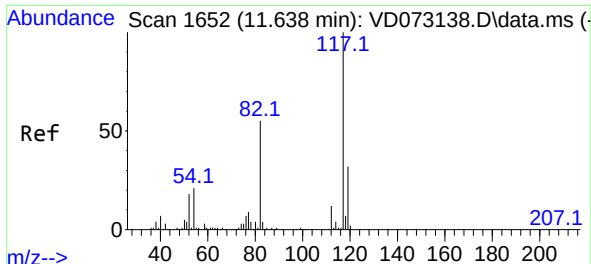
Tgt Ion: 98 Resp: 6405
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.178 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073233.D
Acq: 21 May 2022 16:54

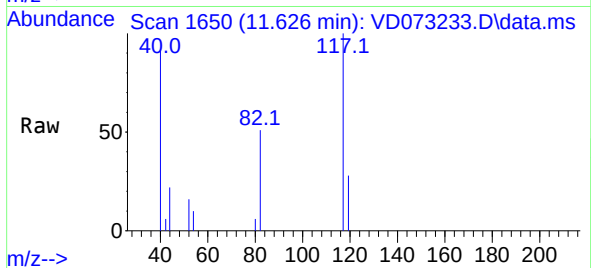
Tgt Ion: 95 Resp: 2156
Ion Ratio Lower Upper
95 100
174 67.4 0.0 152.8
176 65.6 0.0 145.4



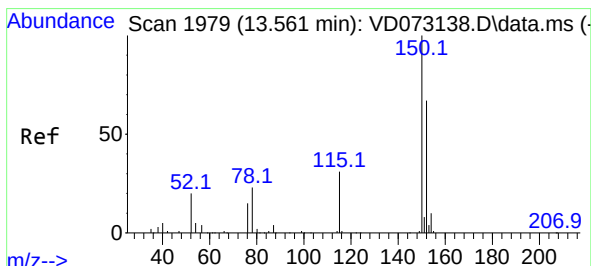
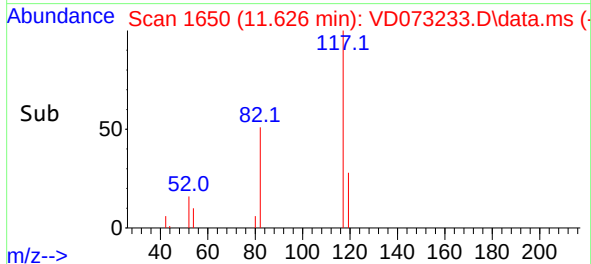
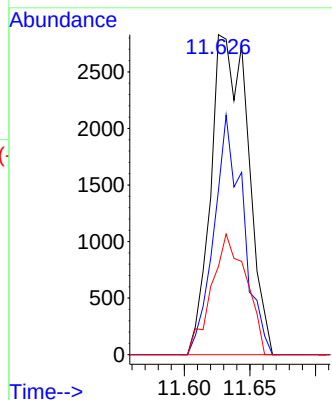


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.626 min Scan# 117
Delta R.T. -0.012 min
Lab File: VD073233.D
Acq: 21 May 2022 16:54

Instrument :
MSVOA_D
ClientSampleId :
P033-SS001-1824-01



Tgt Ion:117 Resp: 5580
Ion Ratio Lower Upper
117 100
82 51.3 45.3 67.9
119 27.6 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: VD073233.D
Acq: 21 May 2022 16:54

Tgt Ion:152 Resp: 1887
Ion Ratio Lower Upper
152 100
115 52.1 31.3 93.8
150 177.5 0.0 348.6

