

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073324.D
 Acq On : 24 May 2022 14:54
 Operator : VA/SY
 Sample : N2949-07
 Misc : 5.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P043-SS001-0612-02

Quant Time: May 25 05:26:38 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	7.979	168	306868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	548176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	571892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	256354	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	166033	48.958	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.920%
35) Dibromofluoromethane	7.908	113	184678	51.055	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.120%
50) Toluene-d8	10.332	98	675964	50.695	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.380%
62) 4-Bromofluorobenzene	12.620	95	247276	52.843	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.680%

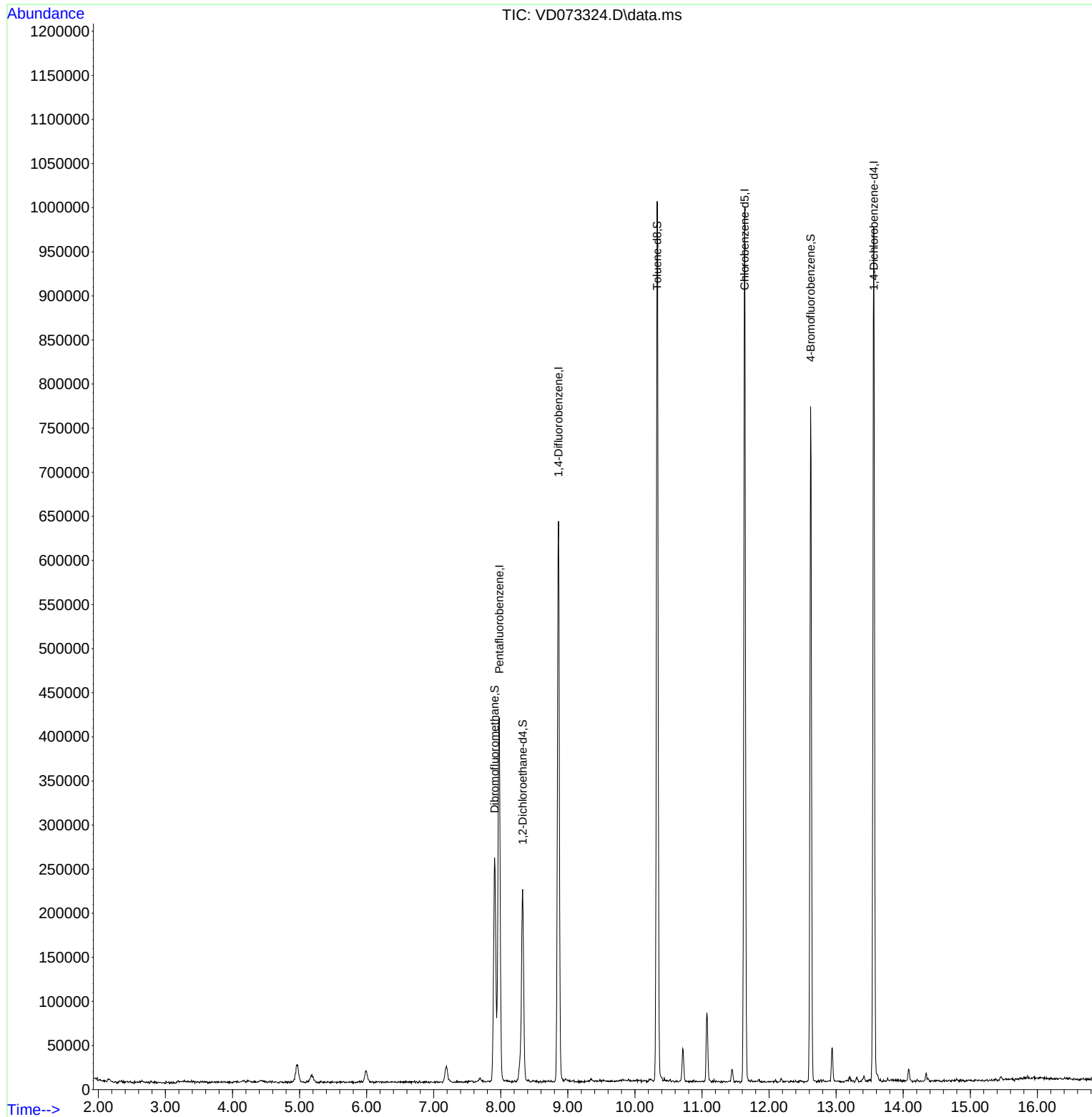
Target Compounds	Qvalue

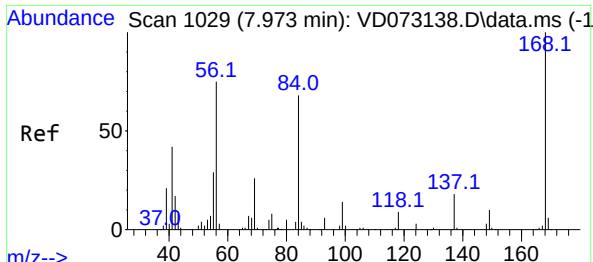
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

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Instrument :

MSVOA_D

ClientSampleId :

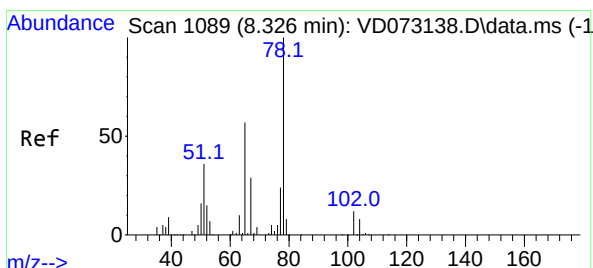
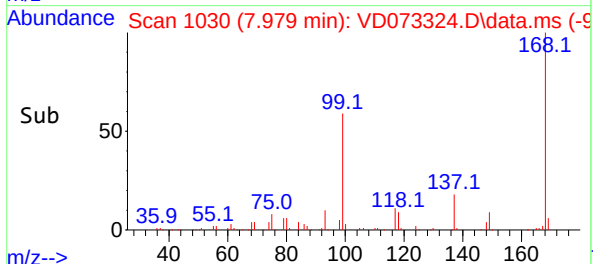
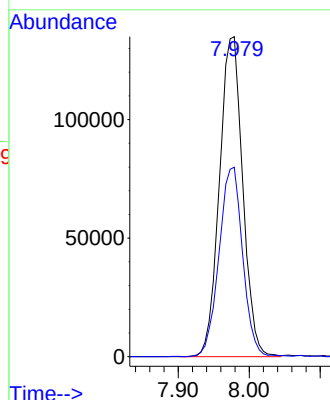
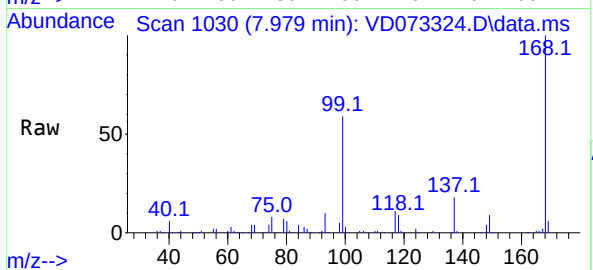
P043-SS001-0612-02

Tgt Ion:168 Resp: 306868

Ion Ratio Lower Upper

168 100

99 59.1 49.8 74.6



1,2-Dichloroethane-d4

Concen: 48.958 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073324.D

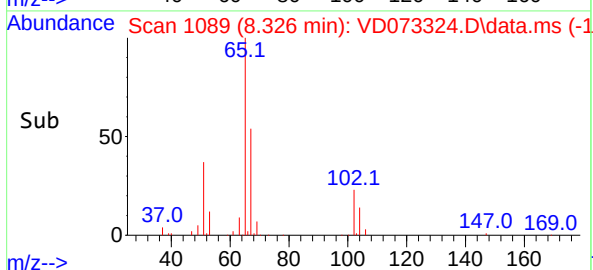
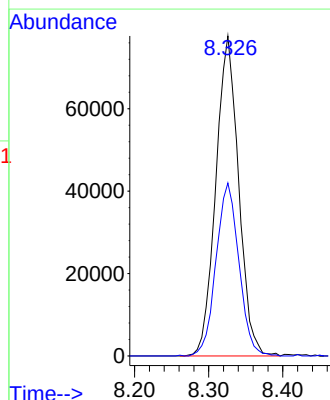
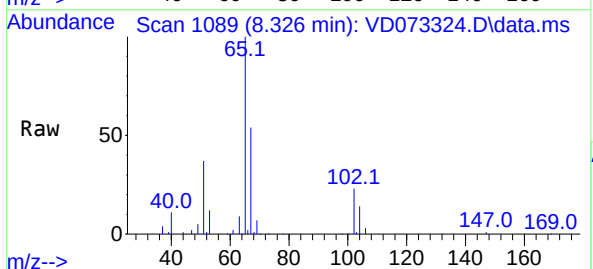
Acq: 24 May 2022 14:54

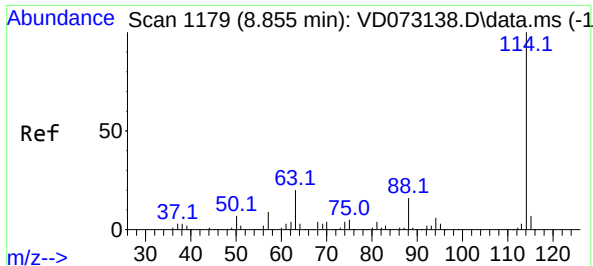
Tgt Ion: 65 Resp: 166033

Ion Ratio Lower Upper

65 100

67 54.2 0.0 101.4

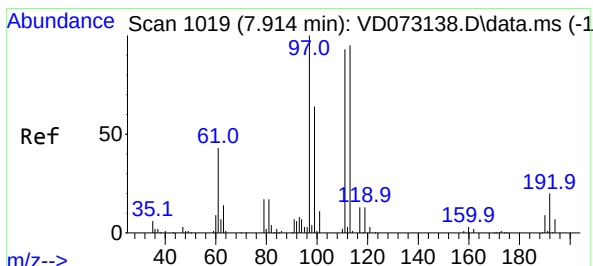
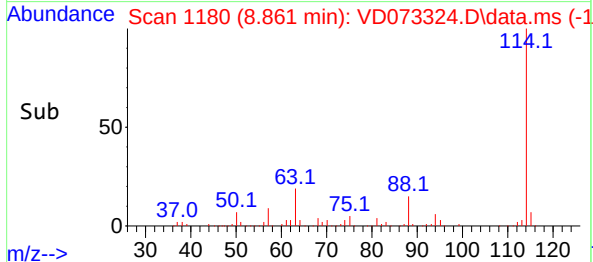
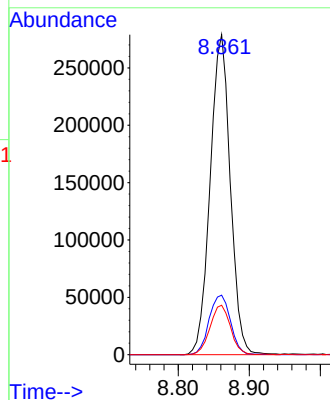
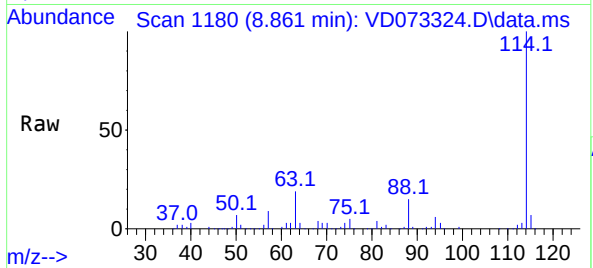




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073324.D
Acq: 24 May 2022 14:54

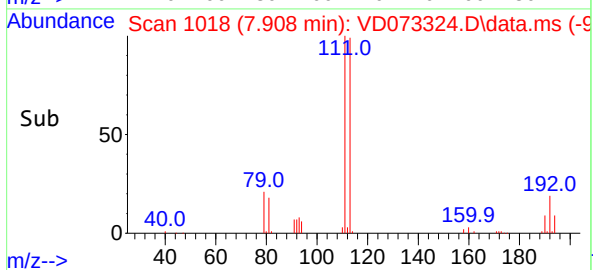
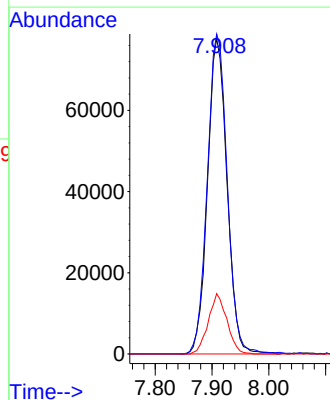
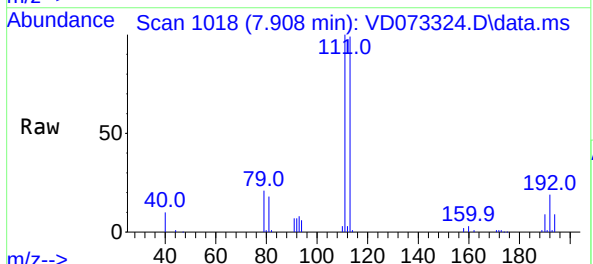
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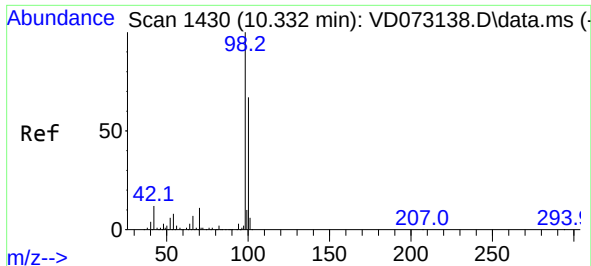
Tgt Ion:114 Resp: 548176
Ion Ratio Lower Upper
114 100
63 18.6 0.0 46.6
88 15.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.055 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073324.D
Acq: 24 May 2022 14:54

Tgt Ion:113 Resp: 184678
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 18.3 14.6 21.8

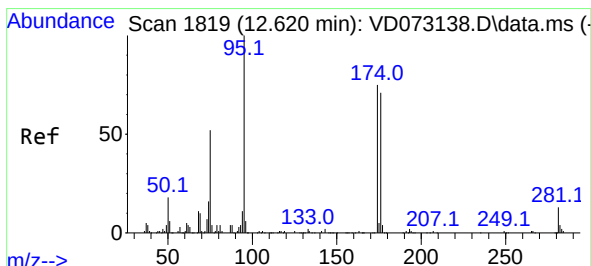
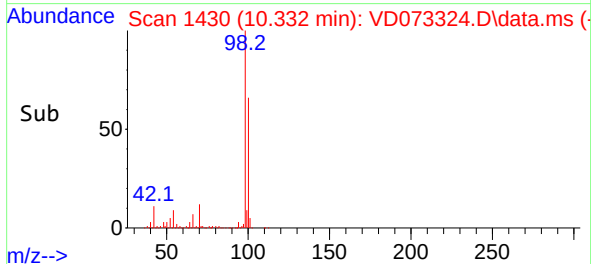
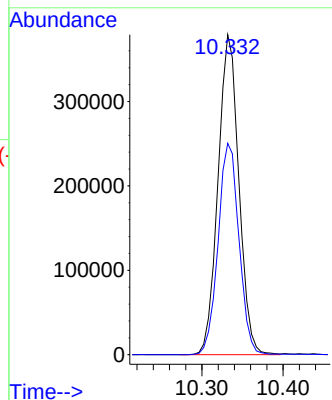
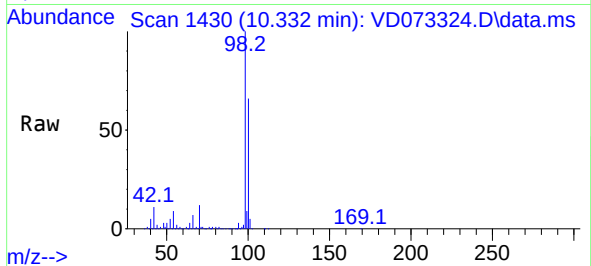




#50
Toluene-d8
Concen: 50.695 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073324.D
Acq: 24 May 2022 14:54

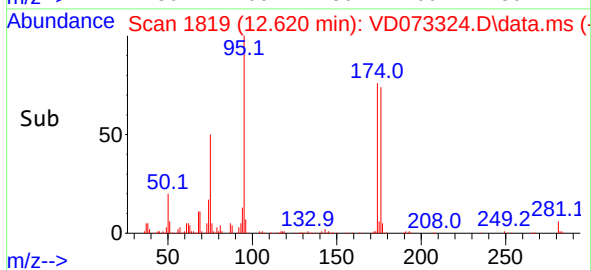
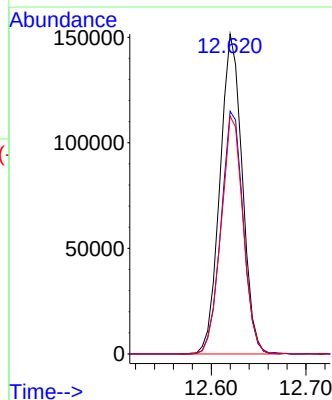
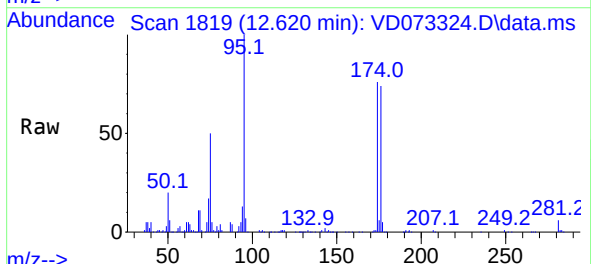
Instrument :
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P043-SS001-0612-02

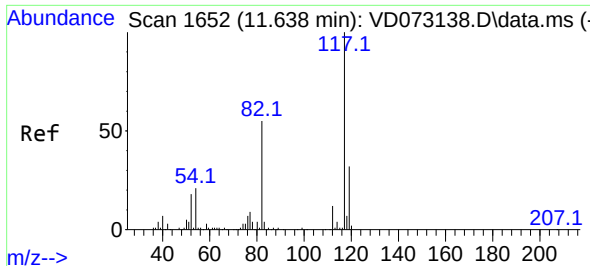
Tgt Ion: 98 Resp: 675964
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.843 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073324.D
Acq: 24 May 2022 14:54

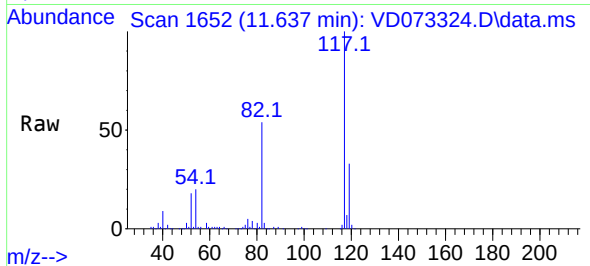
Tgt Ion: 95 Resp: 247276
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.8
176 73.8 0.0 145.4



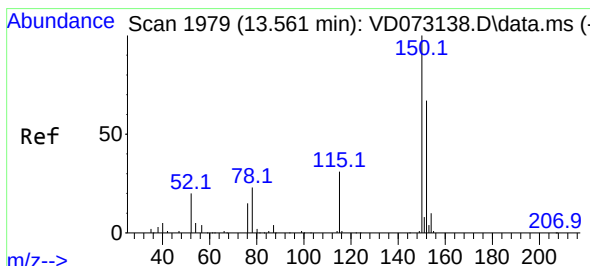
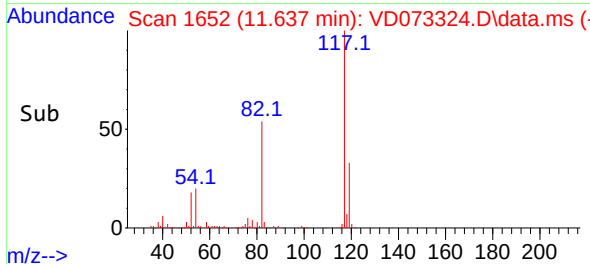
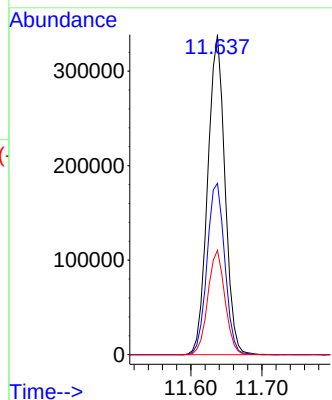


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD073324.D
Acq: 24 May 2022 14:54

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-02



Tgt Ion:117 Resp: 571892
Ion Ratio Lower Upper
117 100
82 53.5 45.3 67.9
119 32.6 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: VD073324.D
Acq: 24 May 2022 14:54

Tgt Ion:152 Resp: 256354
Ion Ratio Lower Upper
152 100
115 59.6 31.3 93.8
150 157.3 0.0 348.6

