

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
 Data File : VD073042.D
 Acq On : 16 May 2022 18:35
 Operator : VA/SY
 Sample : N2829-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-051222

Quant Time: May 17 03:30:19 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	47931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	81974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	94917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	42103	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	44597	71.678	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.360%
35) Dibromofluoromethane	7.903	113	36055	62.627	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.260%
50) Toluene-d8	10.332	98	100369	48.602	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.200%
62) 4-Bromofluorobenzene	12.620	95	38224	49.639	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.280%

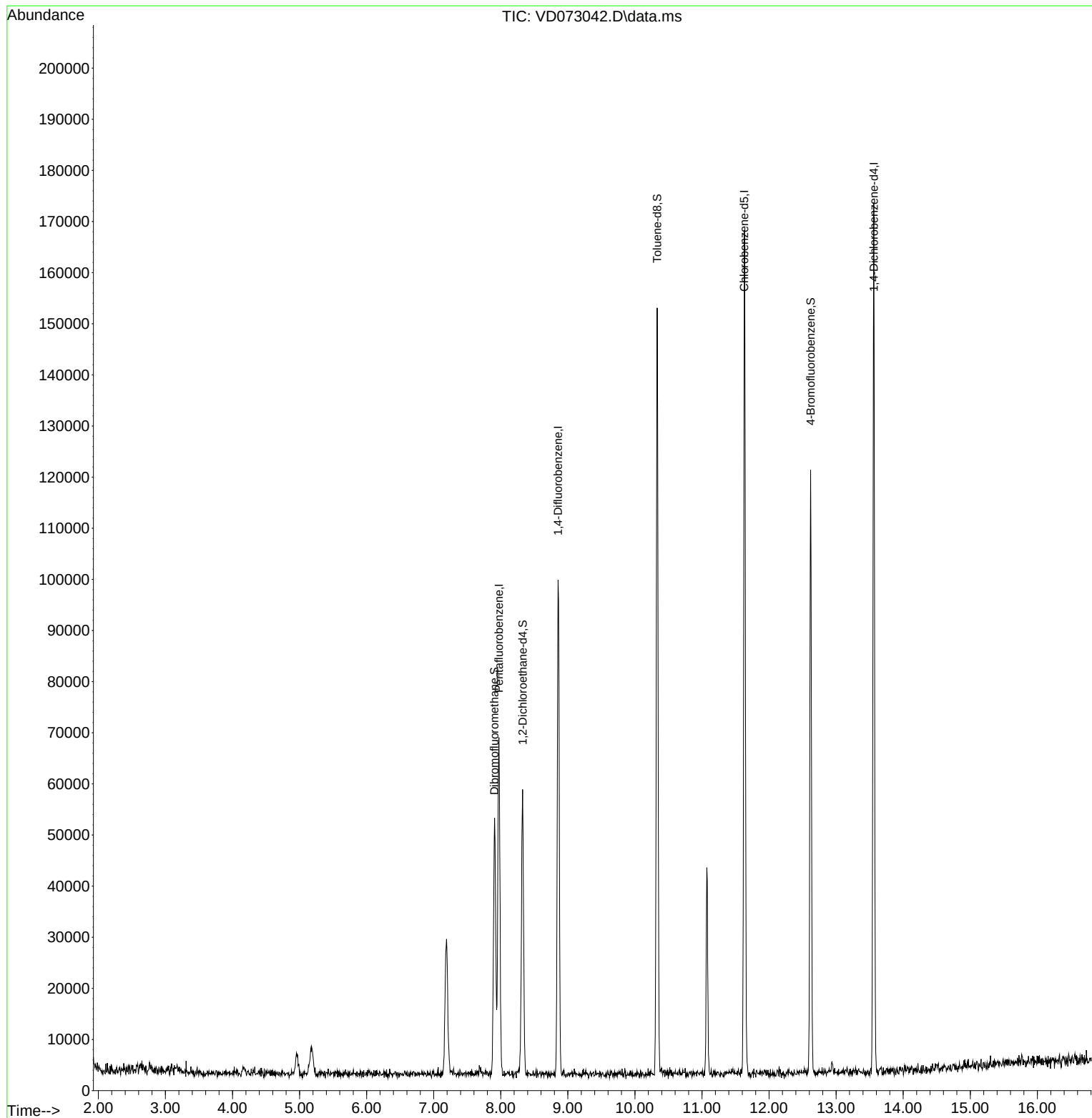
Target Compounds	Qvalue

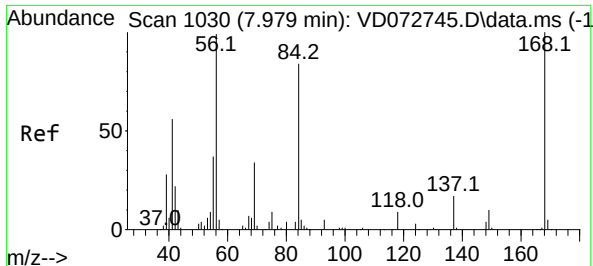
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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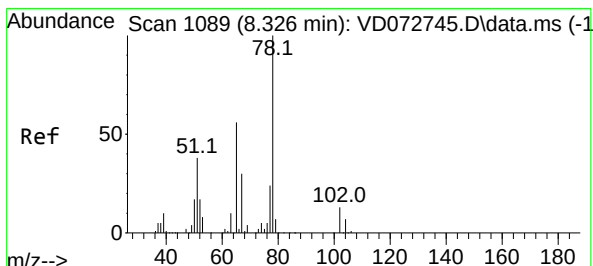
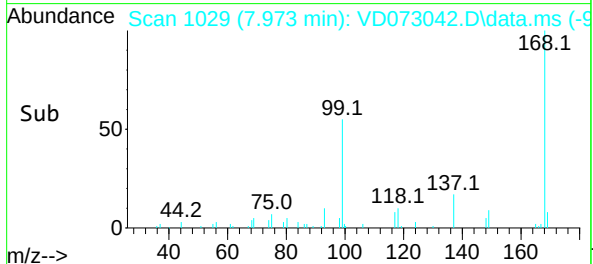
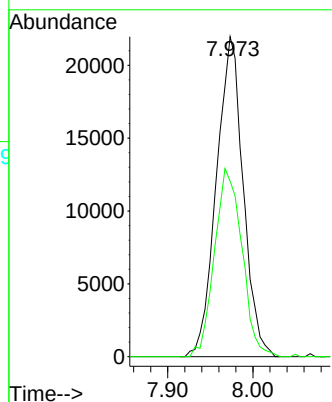
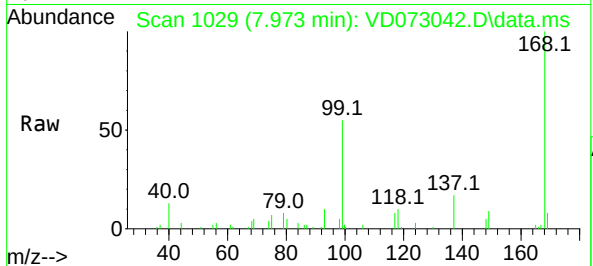




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073042.D
Acq: 16 May 2022 18:35

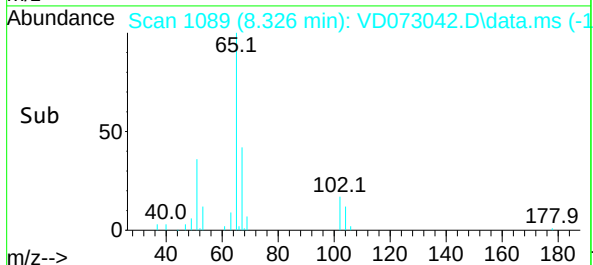
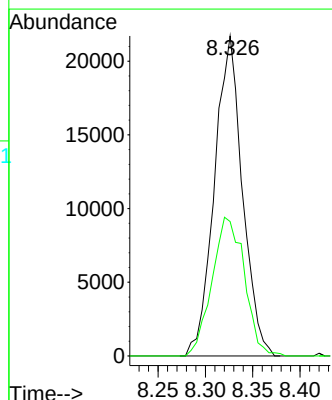
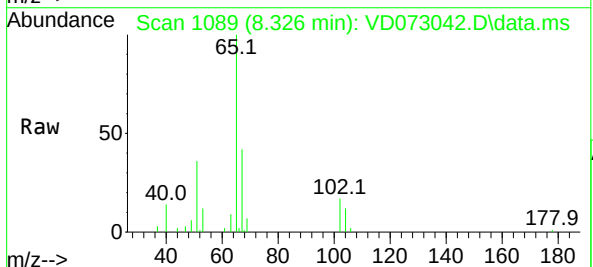
Instrument :
MSVOA_D
ClientSampleId :
OK-02-051222

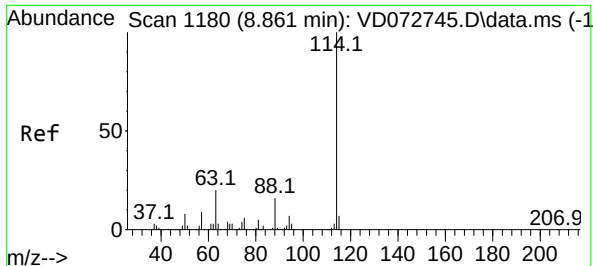
Tgt Ion:168 Resp: 47931
Ion Ratio Lower Upper
168 100
99 54.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 71.678 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073042.D
Acq: 16 May 2022 18:35

Tgt Ion: 65 Resp: 44597
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073042.D

Acq: 16 May 2022 18:35

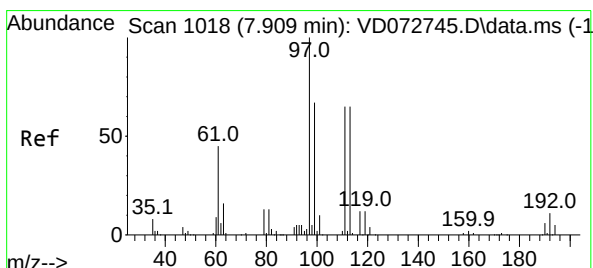
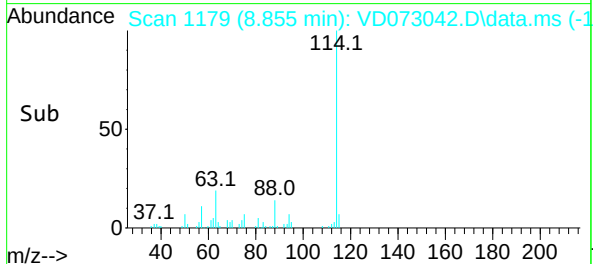
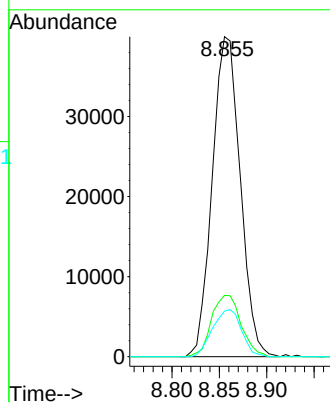
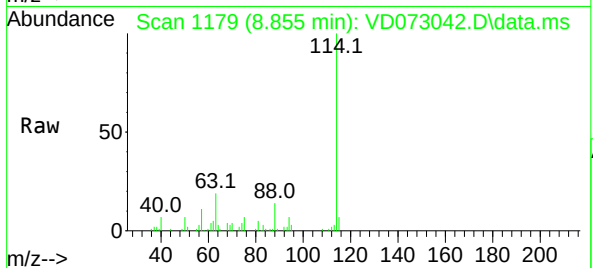
Instrument :

MSVOA_D

ClientSampleId :

OK-02-051222

Tgt Ion:114	Resp:	81974
Ion	Ratio	Lower Upper
114	100	
63	19.2	0.0 46.6
88	14.2	0.0 33.2



#35

Dibromofluoromethane

Concen: 62.627 ug/l

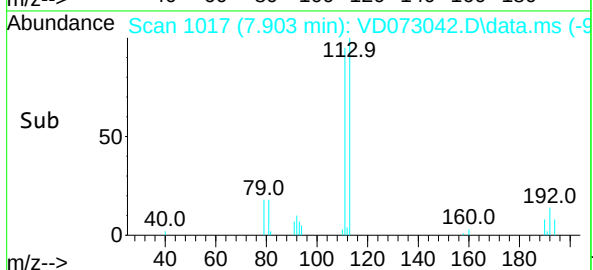
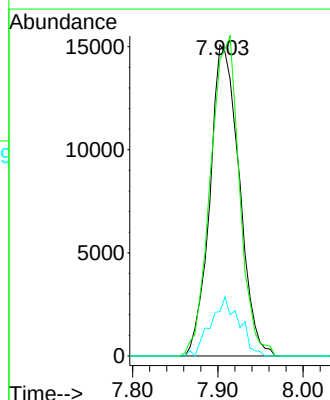
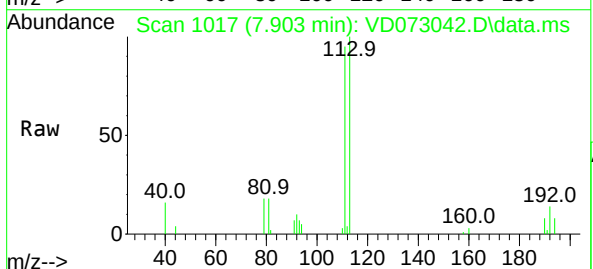
RT: 7.903 min Scan# 1017

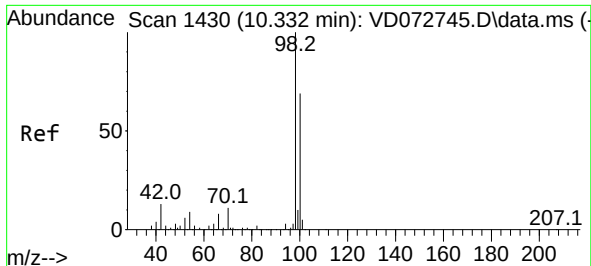
Delta R.T. -0.006 min

Lab File: VD073042.D

Acq: 16 May 2022 18:35

Tgt Ion:113	Resp:	36055
Ion	Ratio	Lower Upper
113	100	
111	101.8	83.8 125.6
192	18.5	14.6 21.8

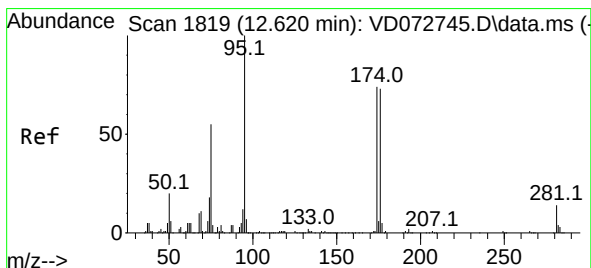
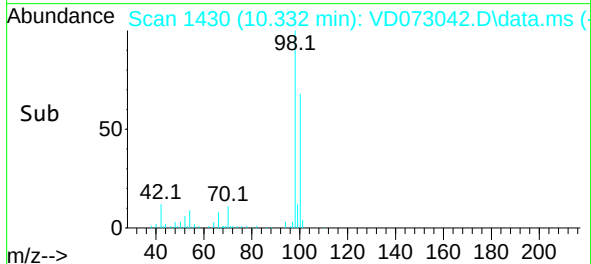
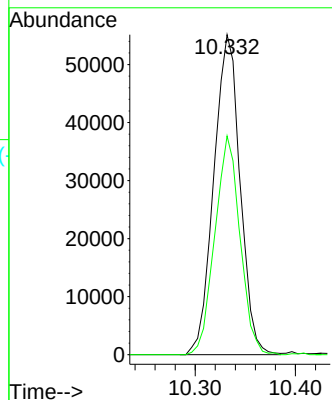
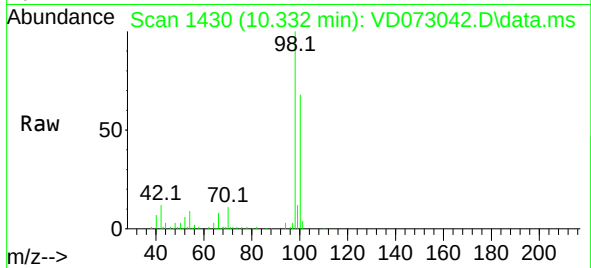




#50
Toluene-d8
Concen: 48.602 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073042.D
Acq: 16 May 2022 18:35

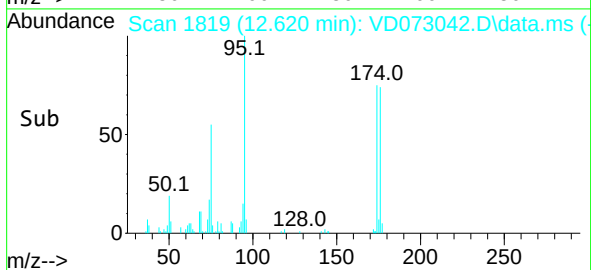
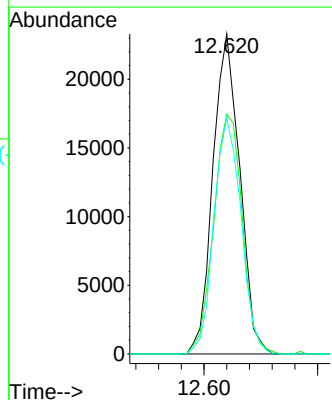
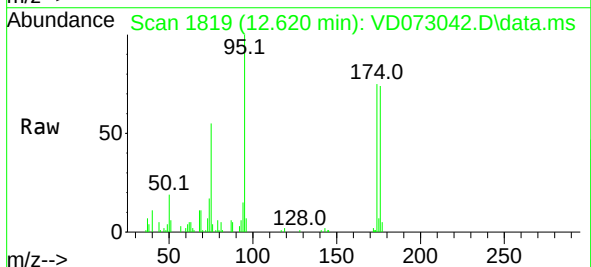
Instrument :
MSVOA_D
ClientSampleId :
OK-02-051222

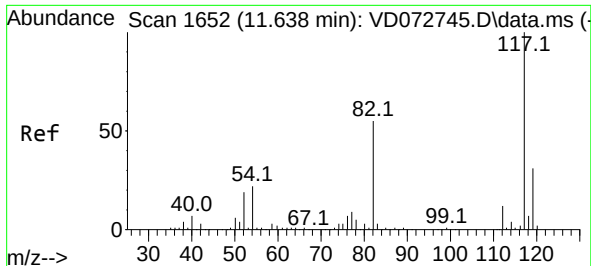
Tgt Ion: 98 Resp: 100369
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.639 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073042.D
Acq: 16 May 2022 18:35

Tgt Ion: 95 Resp: 38224
Ion Ratio Lower Upper
95 100
174 79.7 0.0 152.8
176 74.7 0.0 145.4

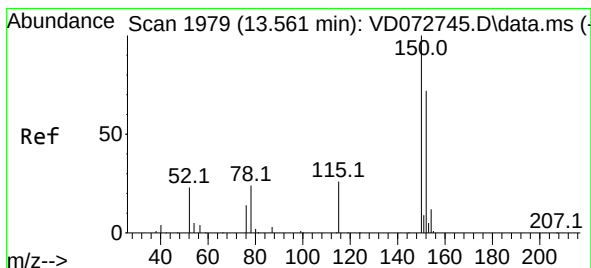
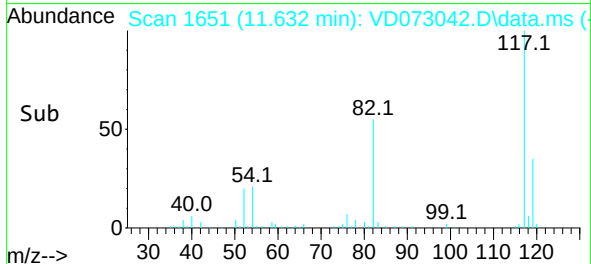
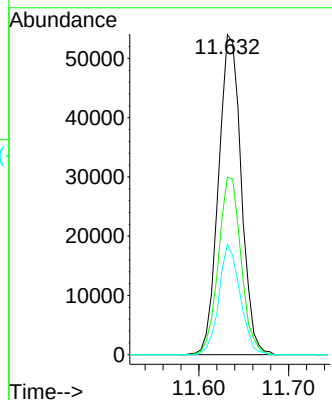
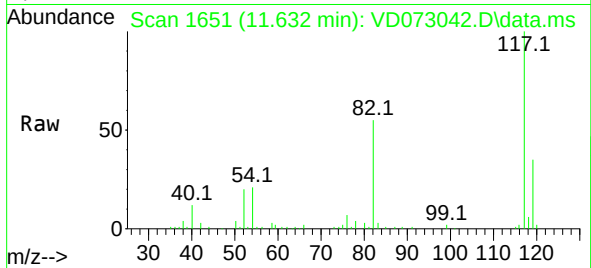




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073042.D
Acq: 16 May 2022 18:35

Instrument :
MSVOA_D
ClientSampleId :
OK-02-051222

Tgt Ion:117 Resp: 94917
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 34.5 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: VD073042.D
Acq: 16 May 2022 18:35

Tgt Ion:152 Resp: 42103
Ion Ratio Lower Upper
152 100
115 62.7 31.3 93.8
150 163.5 0.0 348.6

