

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080822\
 Data File : VD073974.D
 Acq On : 08 Aug 2022 15:46
 Operator : VA/SY
 Sample : VD0808SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0808SBL01

Quant Time: Aug 08 18:18:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 06 00:36:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	125473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	214760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	200013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	94980	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	58739	62.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.060%
35) Dibromofluoromethane	7.909	113	72361	54.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.380%
50) Toluene-d8	10.332	98	174018	47.583	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.160%
62) 4-Bromofluorobenzene	12.620	95	86408	49.003	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.000%

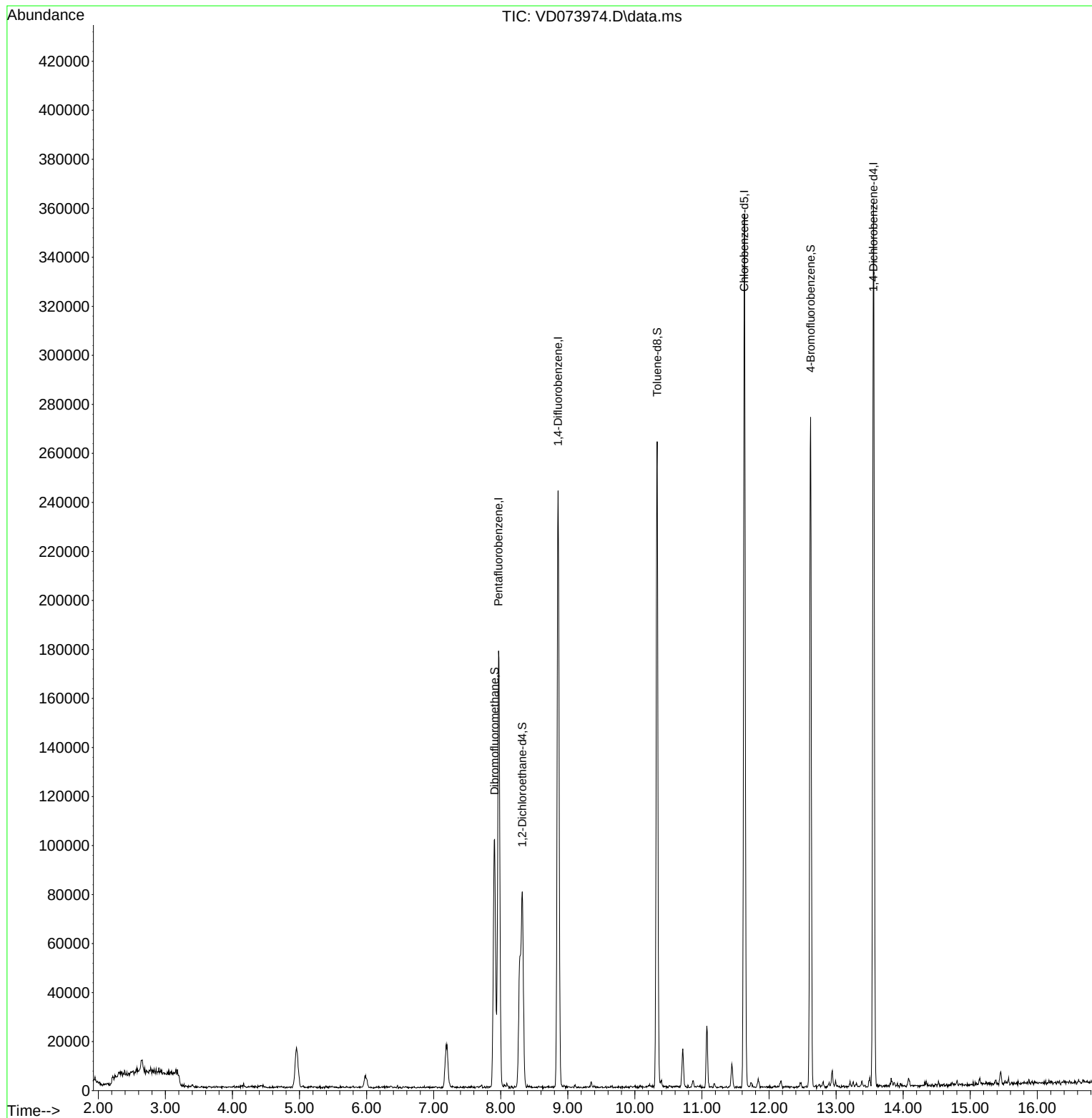
Target Compounds	Qvalue

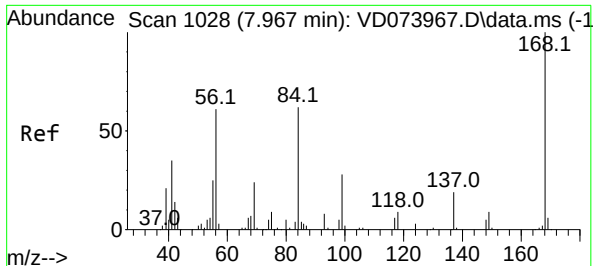
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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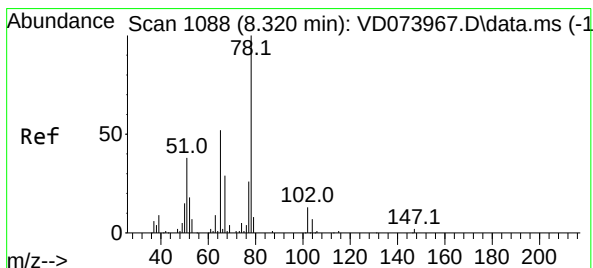
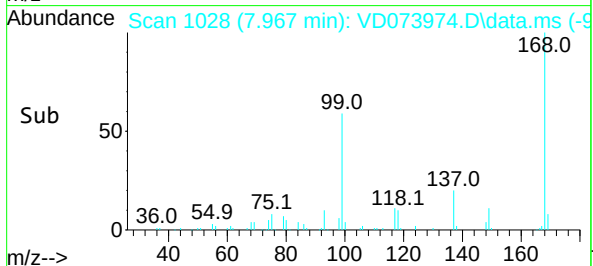
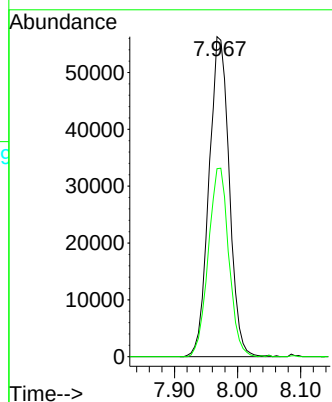
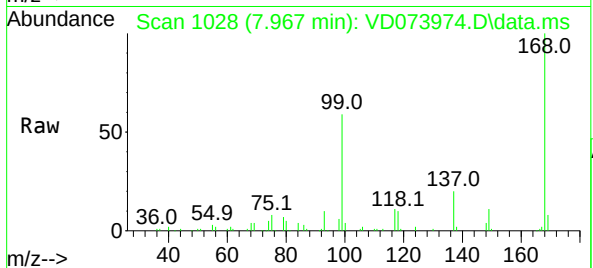




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073974.D
Acq: 08 Aug 2022 15:46

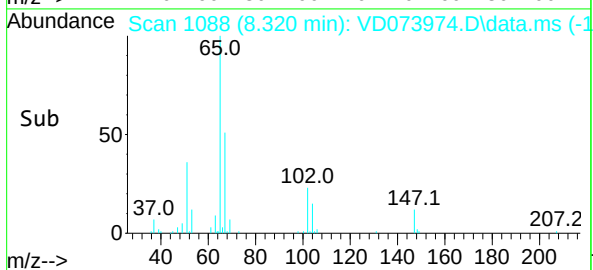
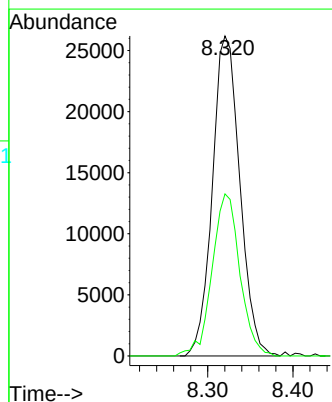
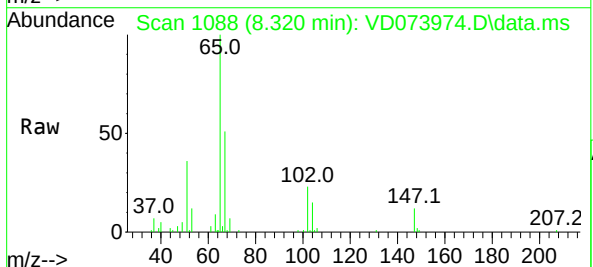
Instrument :
MSVOA_D
ClientSampleId :
VD0808SBL01

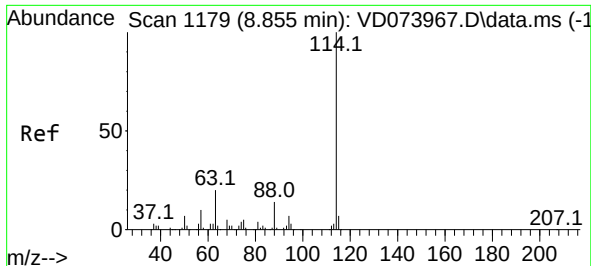
Tgt Ion:168 Resp: 125473
Ion Ratio Lower Upper
168 100
99 58.8 46.2 69.4



#33
1,2-Dichloroethane-d4
Concen: 62.532 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073974.D
Acq: 08 Aug 2022 15:46

Tgt Ion: 65 Resp: 58739
Ion Ratio Lower Upper
65 100
67 51.1 0.0 107.2

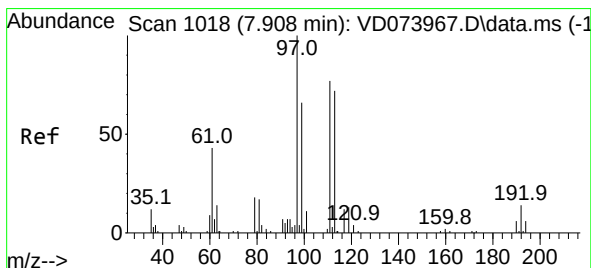
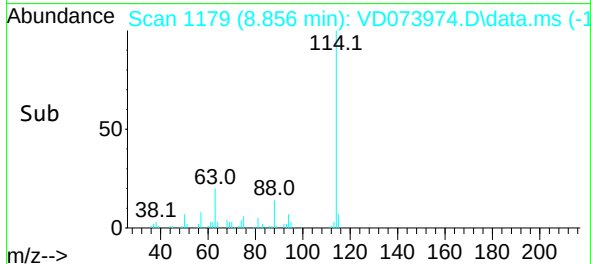
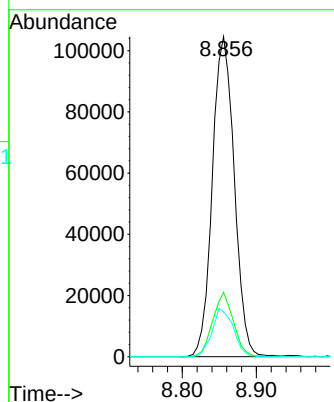
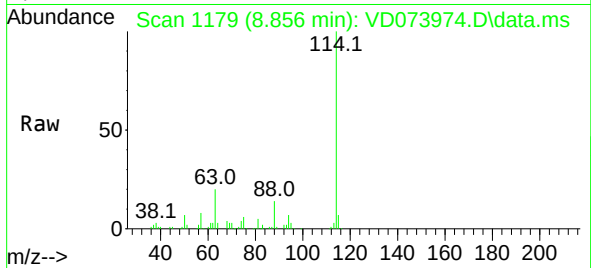




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073974.D
Acq: 08 Aug 2022 15:46

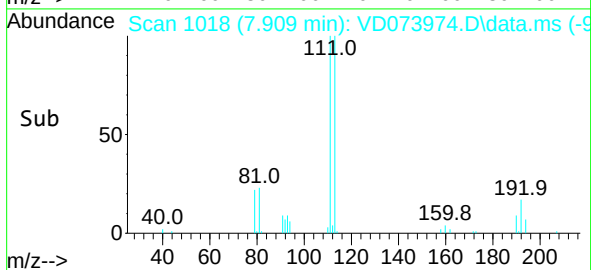
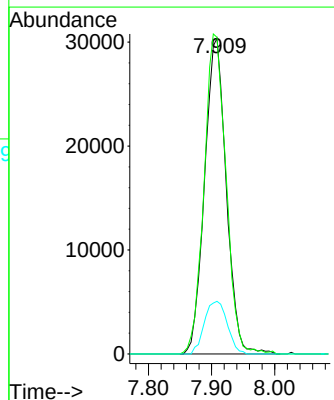
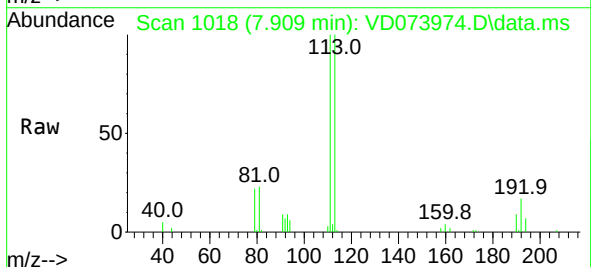
Instrument :
MSVOA_D
ClientSampleId :
VD0808SBL01

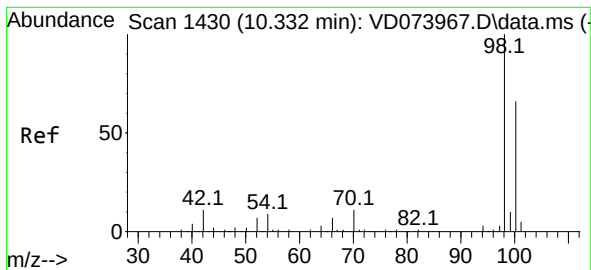
Tgt Ion:	114	Resp:	214760
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.8
88	14.0	0.0	28.0



#35
Dibromofluoromethane
Concen: 54.691 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073974.D
Acq: 08 Aug 2022 15:46

Tgt Ion:	113	Resp:	72361
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.0	124.4
192	17.6	14.8	22.2

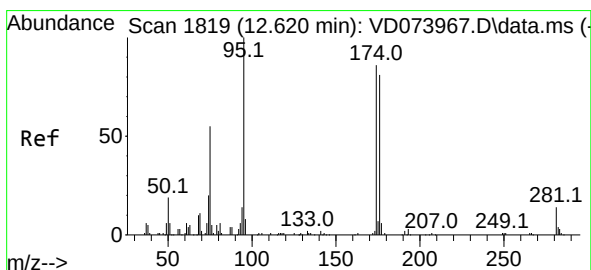
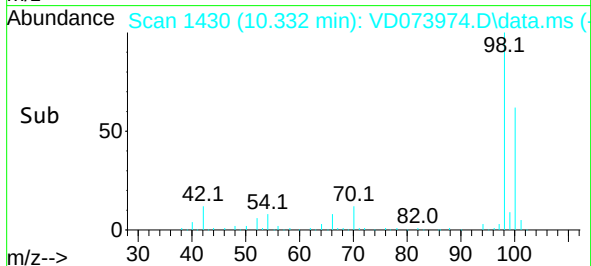
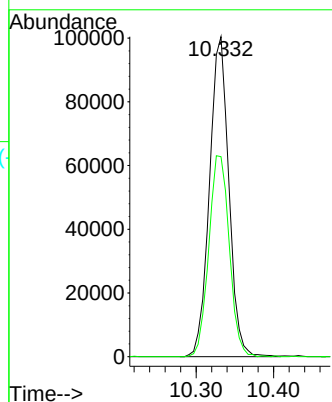
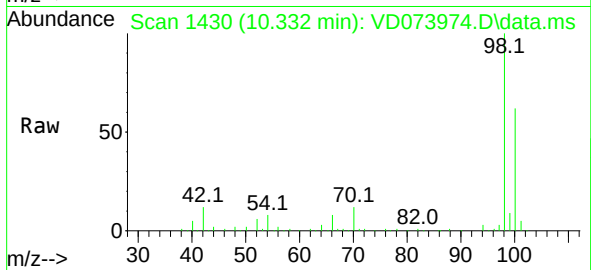




#50
Toluene-d8
Concen: 47.583 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073974.D
Acq: 08 Aug 2022 15:46

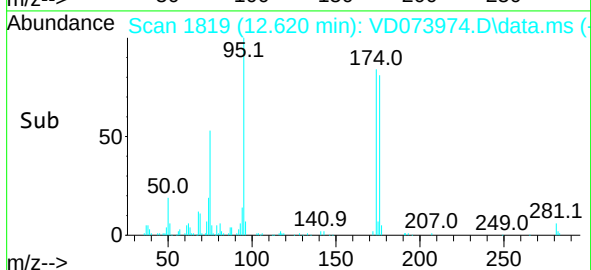
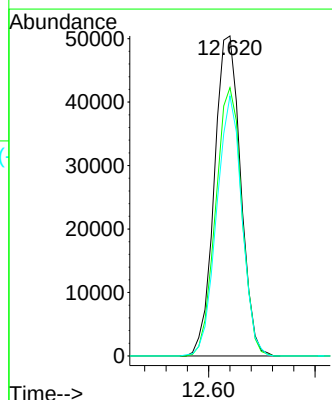
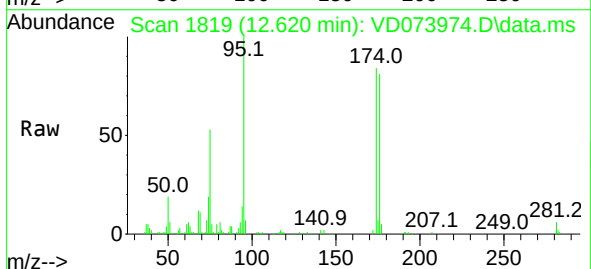
Instrument :
MSVOA_D
ClientSampleId :
VD0808SBL01

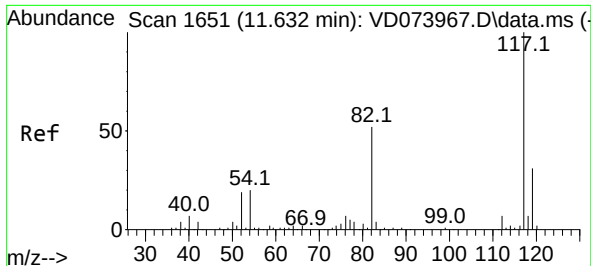
Tgt Ion: 98 Resp: 174018
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.003 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073974.D
Acq: 08 Aug 2022 15:46

Tgt Ion: 95 Resp: 86408
Ion Ratio Lower Upper
95 100
174 82.9 0.0 163.0
176 77.7 0.0 154.8

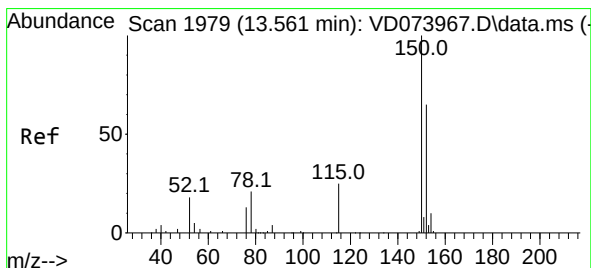
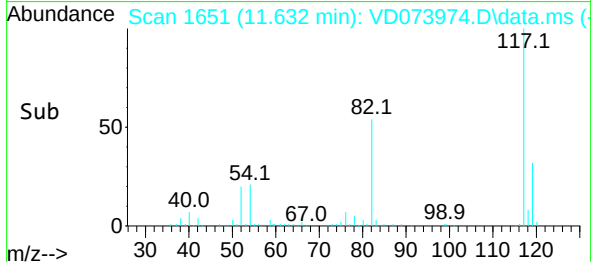
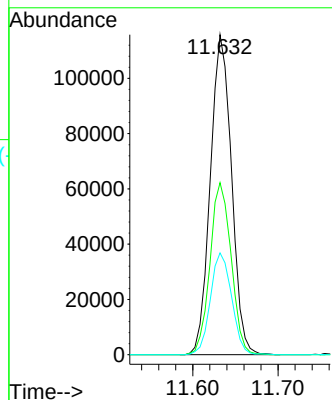
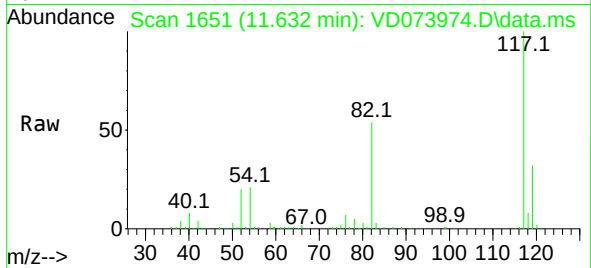




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073974.D
Acq: 08 Aug 2022 15:46

Instrument :
MSVOA_D
ClientSampleId :
VD0808SBL01

Tgt Ion:117 Resp: 200013
Ion Ratio Lower Upper
117 100
82 53.8 42.0 63.0
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073974.D
Acq: 08 Aug 2022 15:46

Tgt Ion:152 Resp: 94980
Ion Ratio Lower Upper
152 100
115 58.9 30.4 91.3
150 156.9 0.0 357.2

