

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081622\
 Data File : VD074103.D
 Acq On : 16 Aug 2022 15:57
 Operator : VA/SY
 Sample : VD0816SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0816SBL01

Quant Time: Aug 16 17:42:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	118624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	209662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	193982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	84341	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	53902	62.999	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.000%
35) Dibromofluoromethane	7.902	113	67930	50.702	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.400%
50) Toluene-d8	10.326	98	162933	40.054	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.100%
62) 4-Bromofluorobenzene	12.620	95	76198	45.362	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.720%

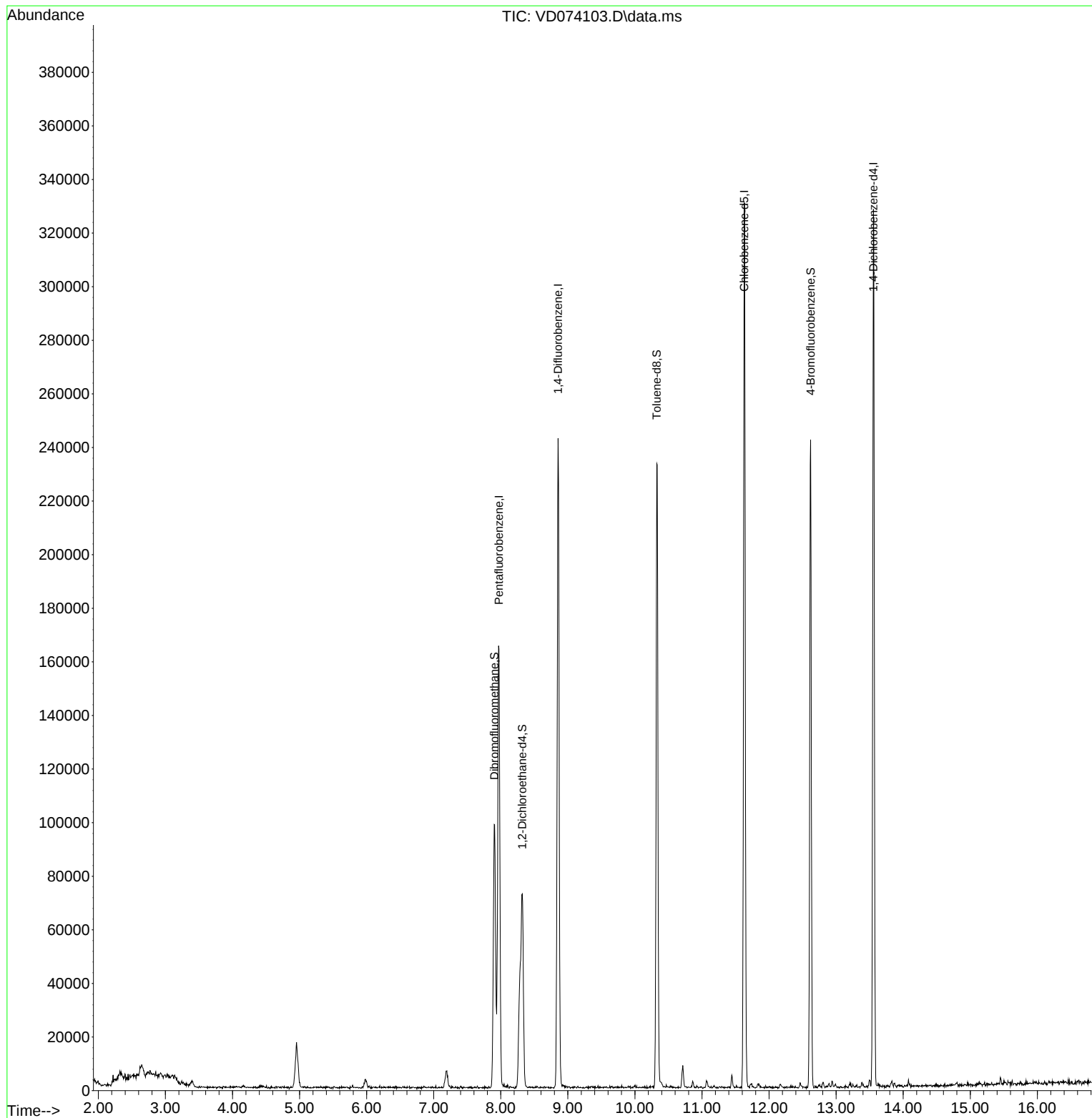
Target Compounds	Qvalue

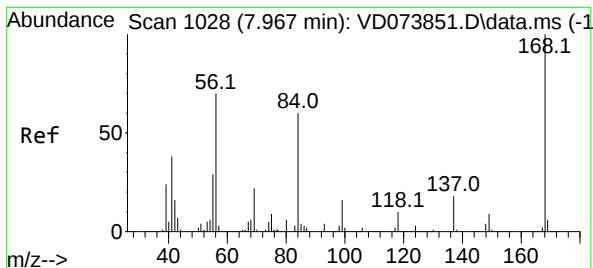
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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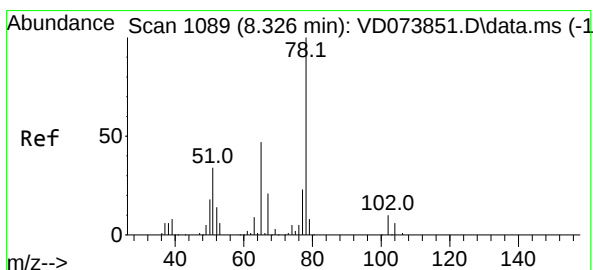
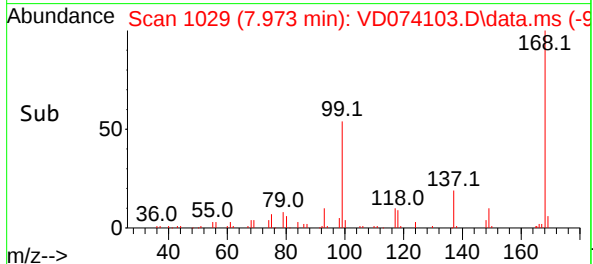
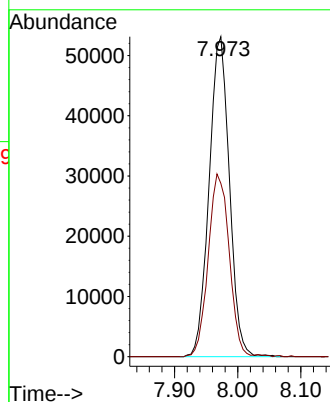
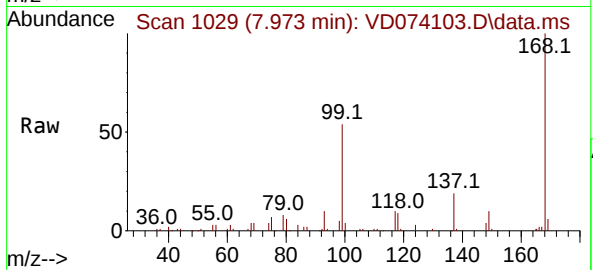




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD074103.D
Acq: 16 Aug 2022 15:57

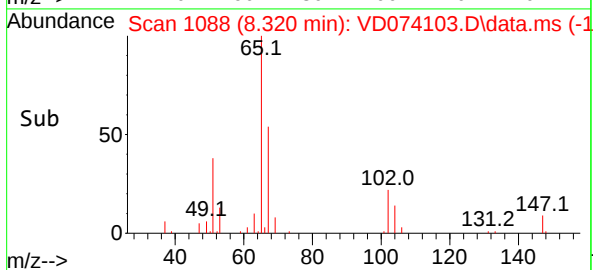
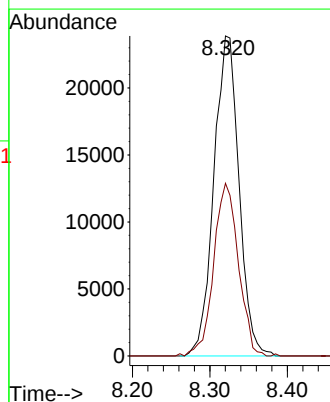
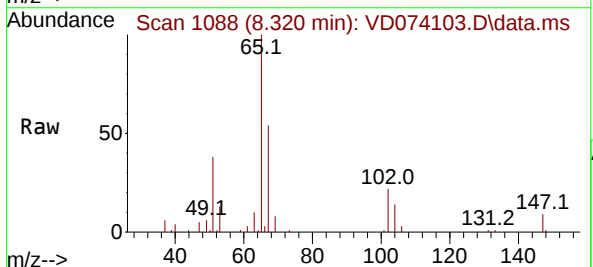
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBL01

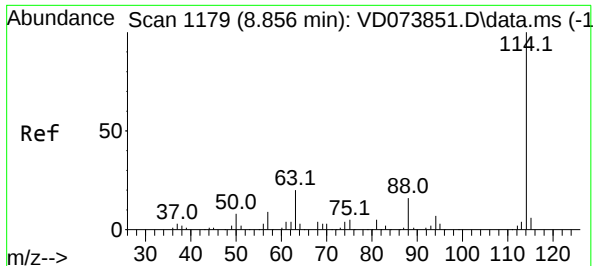
Tgt Ion:168 Resp: 118624
Ion Ratio Lower Upper
168 100
99 54.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 62.999 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074103.D
Acq: 16 Aug 2022 15:57

Tgt Ion: 65 Resp: 53902
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074103.D

Acq: 16 Aug 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

VD0816SBL01

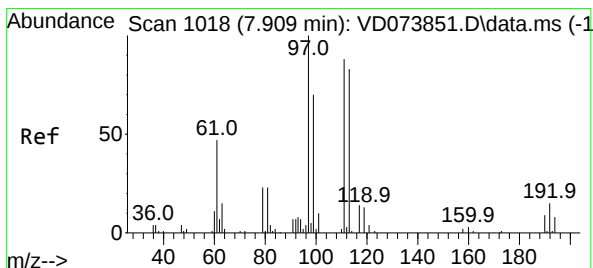
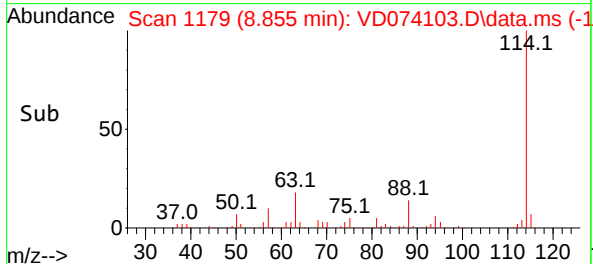
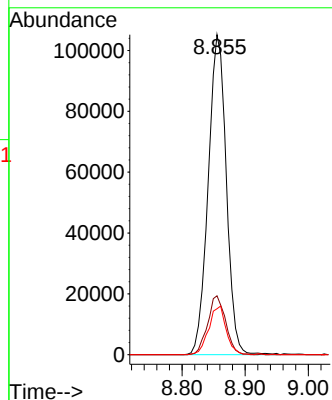
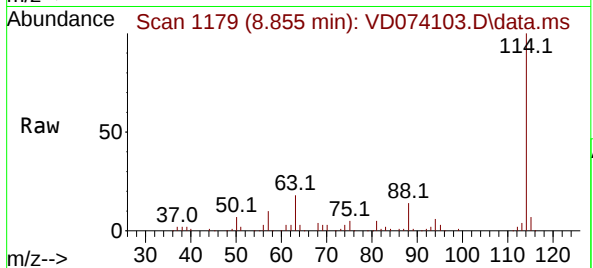
Tgt Ion:114 Resp: 209662

Ion Ratio Lower Upper

114 100

63 18.4 0.0 46.6

88 14.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.702 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD074103.D

Acq: 16 Aug 2022 15:57

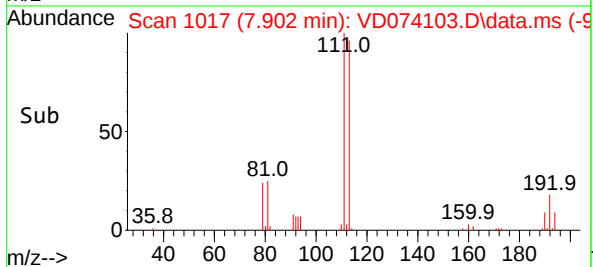
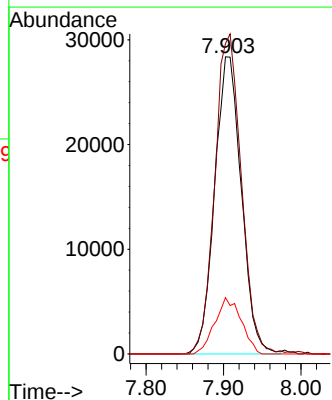
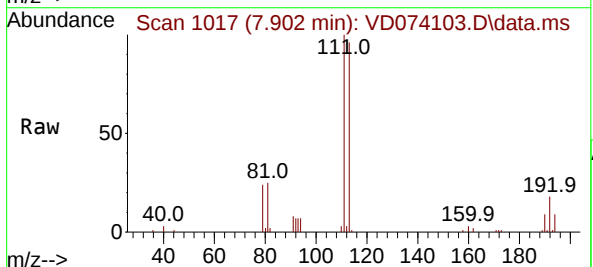
Tgt Ion:113 Resp: 67930

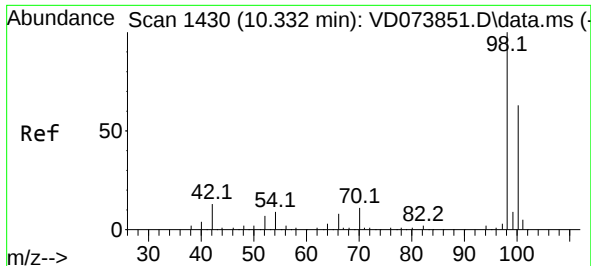
Ion Ratio Lower Upper

113 100

111 107.1 83.8 125.6

192 18.8 14.6 21.8

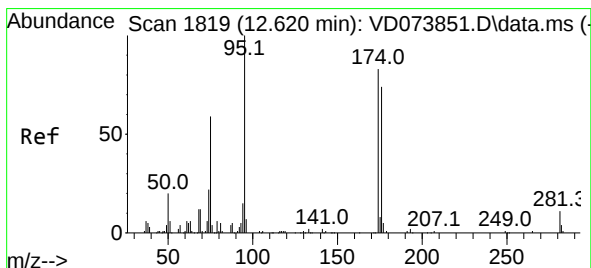
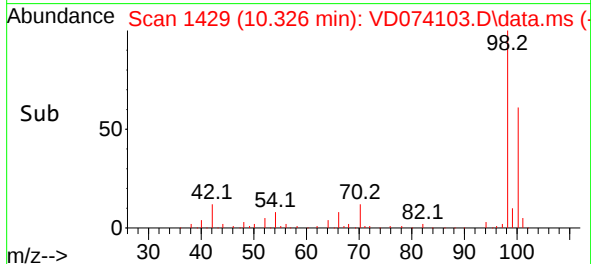
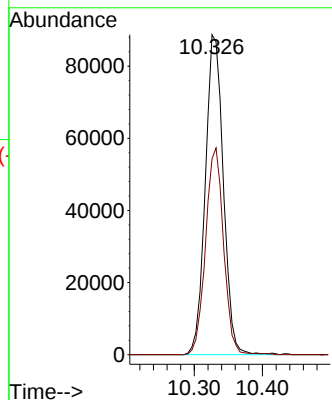
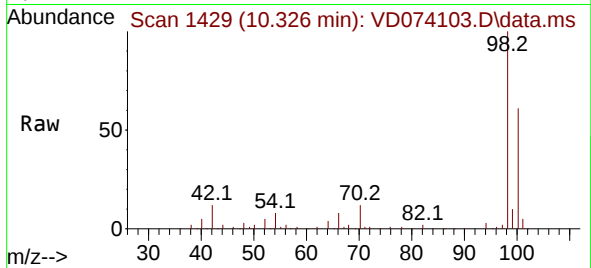




#50
Toluene-d8
Concen: 40.054 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD074103.D
Acq: 16 Aug 2022 15:57

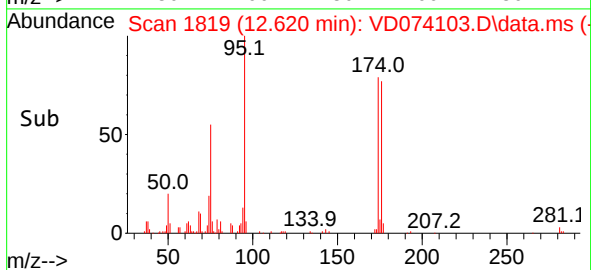
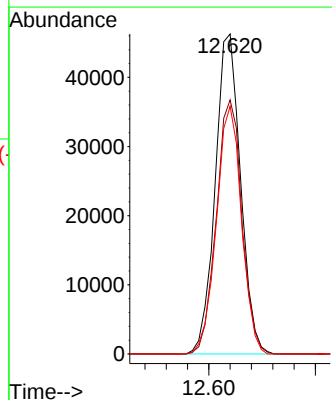
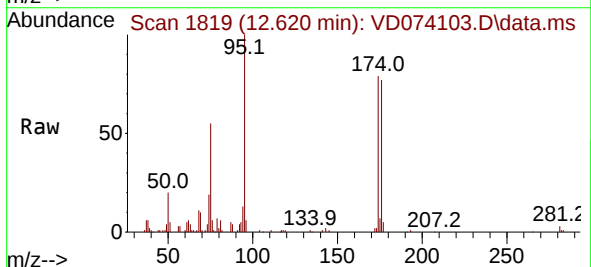
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBL01

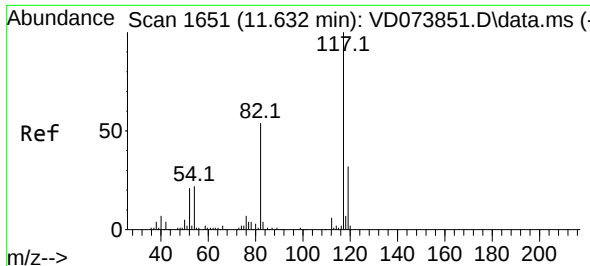
Tgt Ion: 98 Resp: 162933
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.362 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074103.D
Acq: 16 Aug 2022 15:57

Tgt Ion: 95 Resp: 76198
Ion Ratio Lower Upper
95 100
174 80.3 0.0 152.8
176 76.5 0.0 145.4

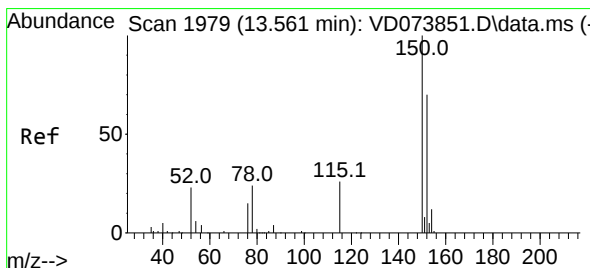
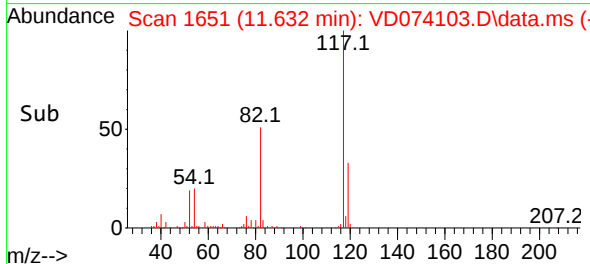
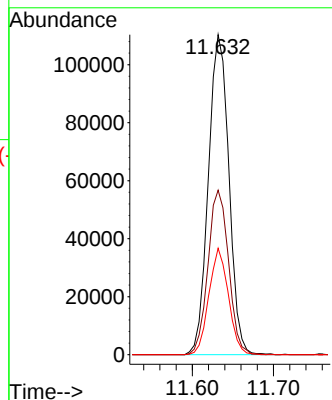
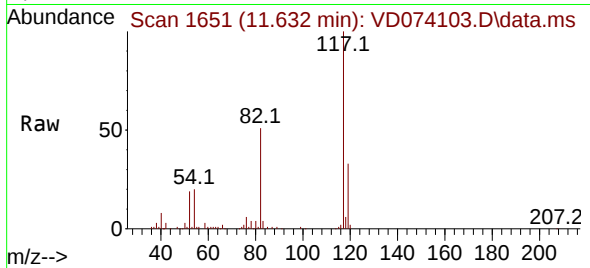




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074103.D
Acq: 16 Aug 2022 15:57

Instrument :
MSVOA_D
ClientSampleId :
VD0816SBL01

Tgt Ion:117 Resp: 193982
Ion Ratio Lower Upper
117 100
82 51.4 45.3 67.9
119 33.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD074103.D
Acq: 16 Aug 2022 15:57

Tgt Ion:152 Resp: 84341
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 159.8 0.0 348.6

