

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081022\
 Data File : VD074027.D
 Acq On : 10 Aug 2022 16:05
 Operator : VA/SY
 Sample : N4038-07
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-7

Quant Time: Aug 10 17:41:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	121333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	210999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	193492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	85943	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	55621	59.540	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.080%
35) Dibromofluoromethane	7.902	113	68619	48.964	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.920%
50) Toluene-d8	10.326	98	168759	45.524	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.040%
62) 4-Bromofluorobenzene	12.620	95	75627	43.882	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.760%

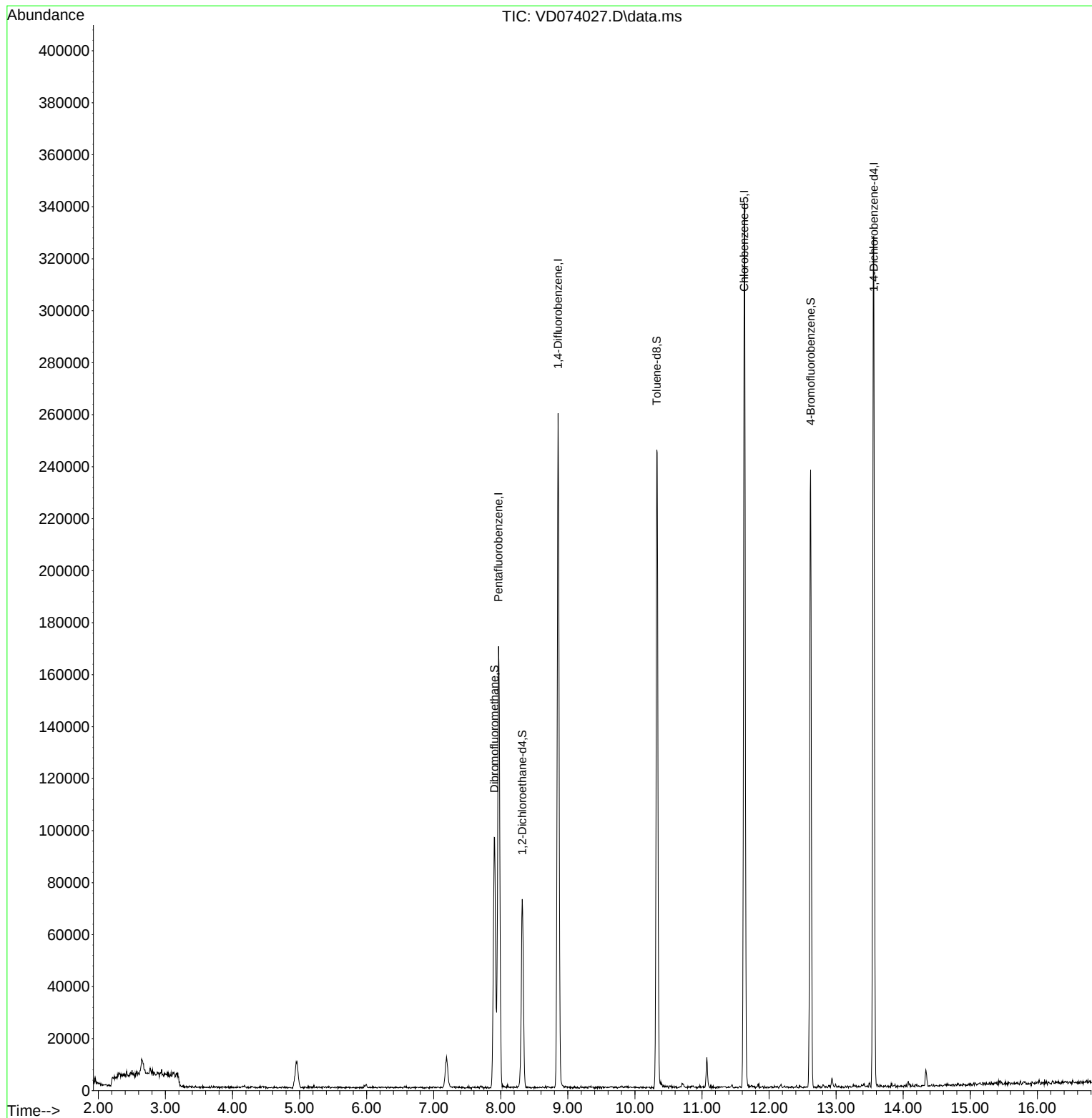
Target Compounds	Qvalue

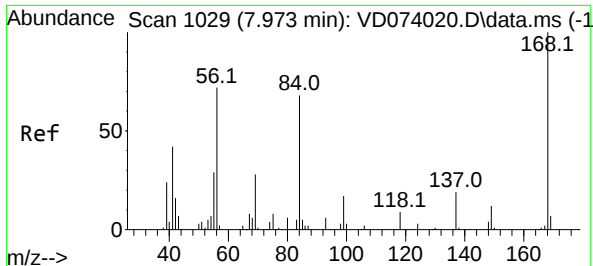
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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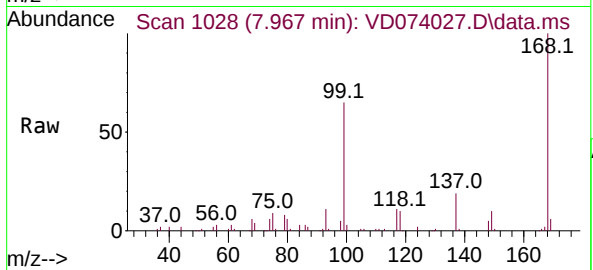
Quant Time: Aug 10 17:41:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
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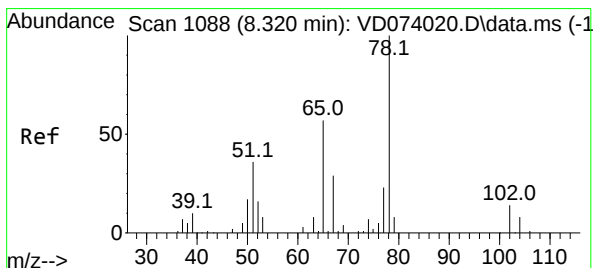
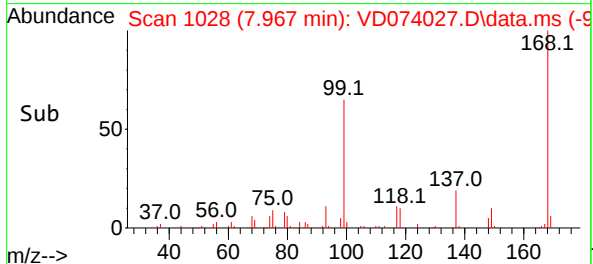
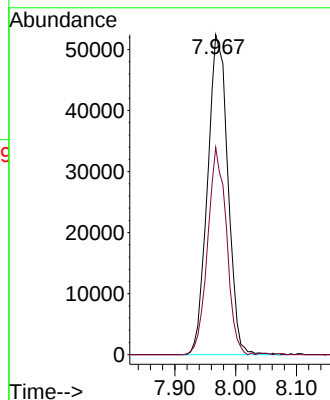


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074027.D
Acq: 10 Aug 2022 16:05

Instrument :
MSVOA_D
ClientSampleId :
S-7

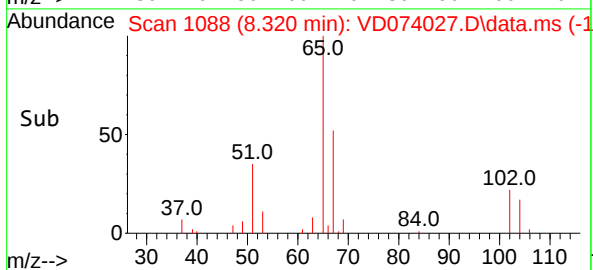
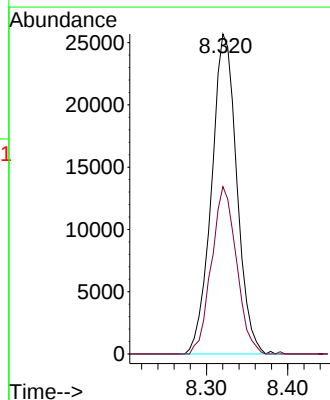
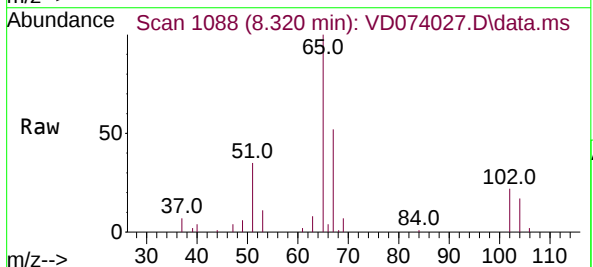


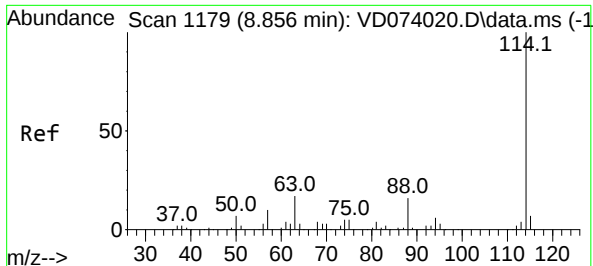
Tgt Ion:168 Resp: 121333
Ion Ratio Lower Upper
168 100
99 64.7 48.3 72.5



#33
1,2-Dichloroethane-d4
Concen: 59.540 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074027.D
Acq: 10 Aug 2022 16:05

Tgt Ion: 65 Resp: 55621
Ion Ratio Lower Upper
65 100
67 51.5 0.0 113.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074027.D

Acq: 10 Aug 2022 16:05

Instrument :

MSVOA_D

ClientSampleId :

S-7

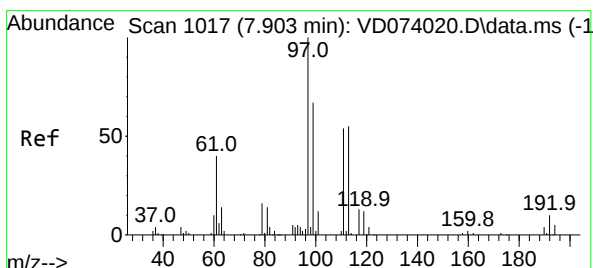
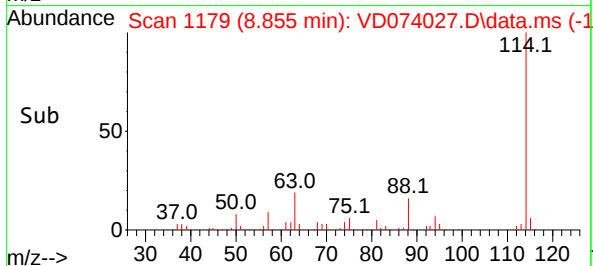
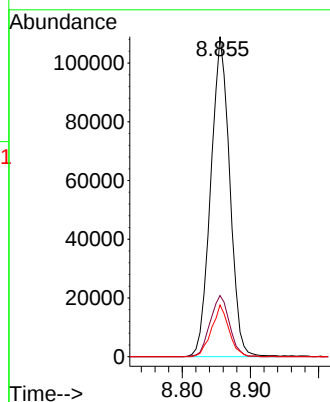
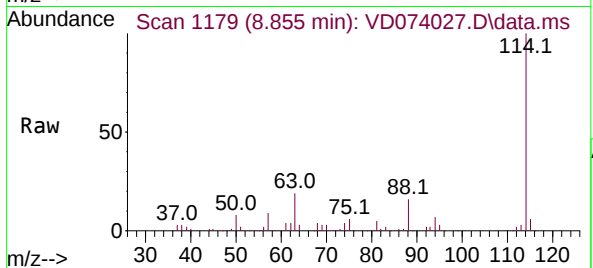
Tgt Ion:114 Resp: 210999

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.0

88 16.2 0.0 31.6



#35

Dibromofluoromethane

Concen: 48.964 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.001 min

Lab File: VD074027.D

Acq: 10 Aug 2022 16:05

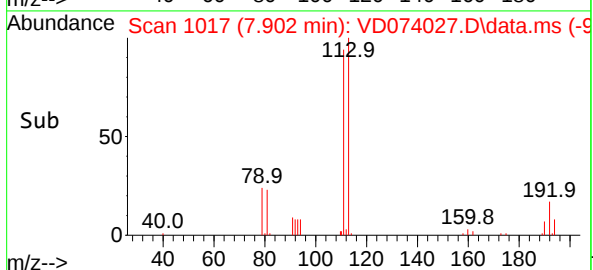
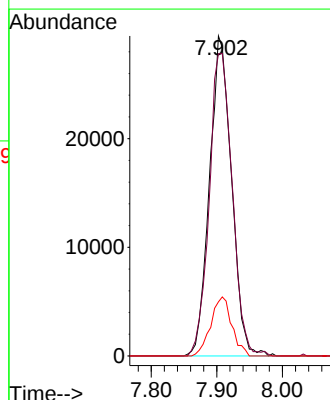
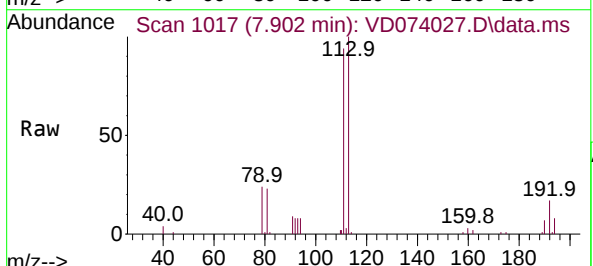
Tgt Ion:113 Resp: 68619

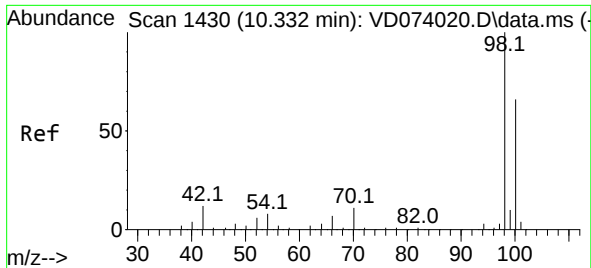
Ion Ratio Lower Upper

113 100

111 98.9 80.0 120.0

192 17.6 14.2 21.4

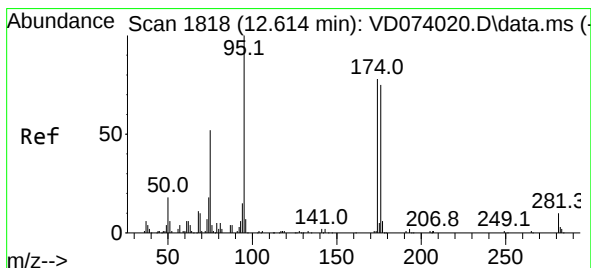
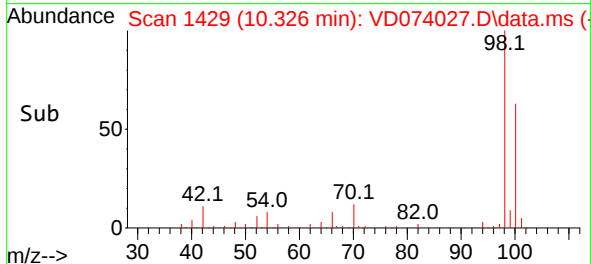
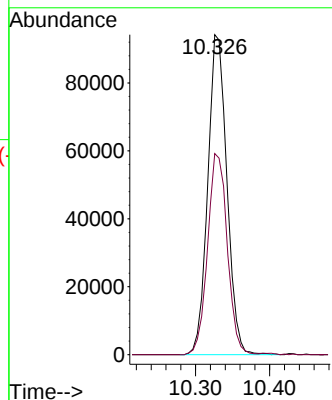
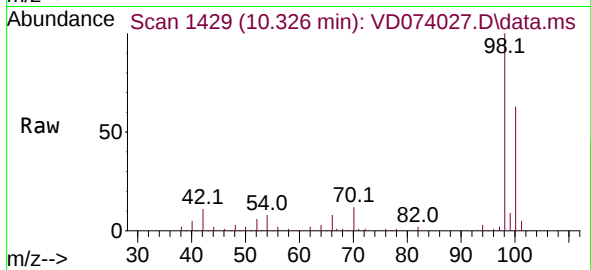




#50
Toluene-d8
Concen: 45.524 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD074027.D
Acq: 10 Aug 2022 16:05

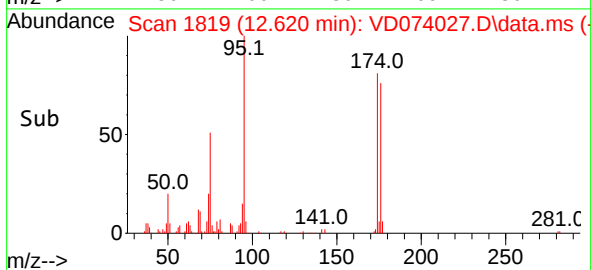
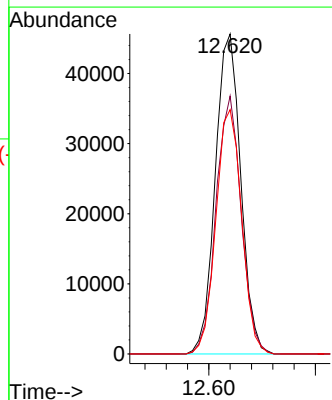
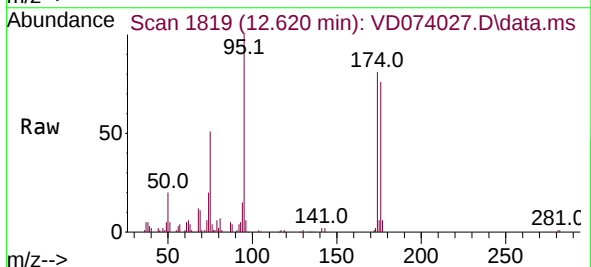
Instrument :
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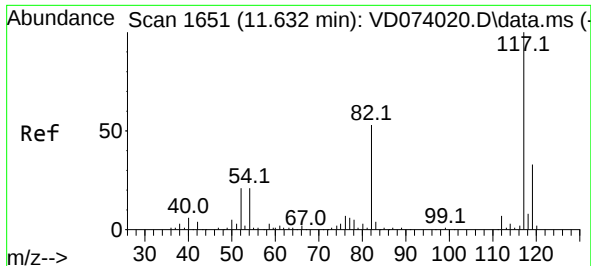
Tgt Ion: 98 Resp: 168759
Ion Ratio Lower Upper
98 100
100 64.7 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 43.882 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074027.D
Acq: 10 Aug 2022 16:05

Tgt Ion: 95 Resp: 75627
Ion Ratio Lower Upper
95 100
174 79.8 0.0 162.6
176 77.3 0.0 160.0

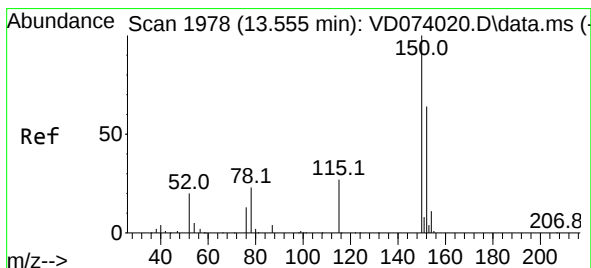
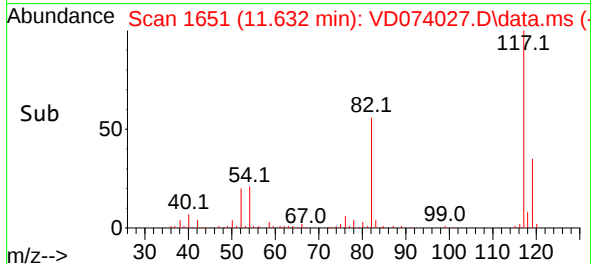
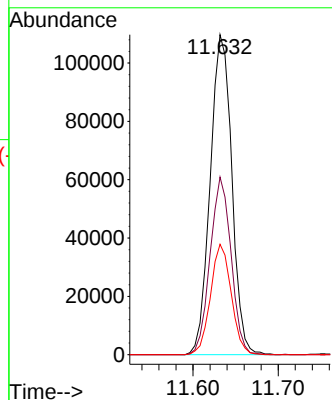
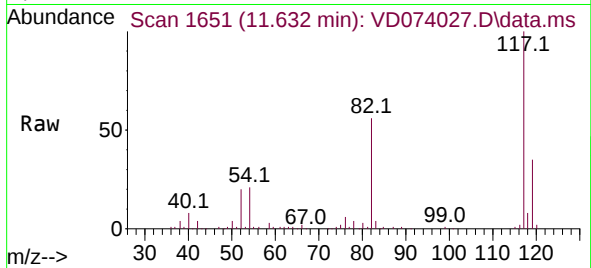




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074027.D
Acq: 10 Aug 2022 16:05

Instrument :
MSVOA_D
ClientSampleId :
S-7

Tgt Ion:117 Resp: 193492
Ion Ratio Lower Upper
117 100
82 55.5 42.7 64.1
119 34.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074027.D
Acq: 10 Aug 2022 16:05

Tgt Ion:152 Resp: 85943
Ion Ratio Lower Upper
152 100
115 60.6 29.9 89.8
150 156.2 0.0 342.8

