

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111021\
 Data File : VD070975.D
 Acq On : 10 Nov 2021 18:02
 Operator : VA/SY
 Sample : M4604-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-110921

Quant Time: Nov 11 06:30:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	5837	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.856	114	10735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	9204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	3937	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	4231	68.081	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.160%
35) Dibromofluoromethane	7.909	113	2664	43.978	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.960%
50) Toluene-d8	10.338	98	12910	54.420	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.840%
62) 4-Bromofluorobenzene	12.620	95	4755	55.668	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.340%

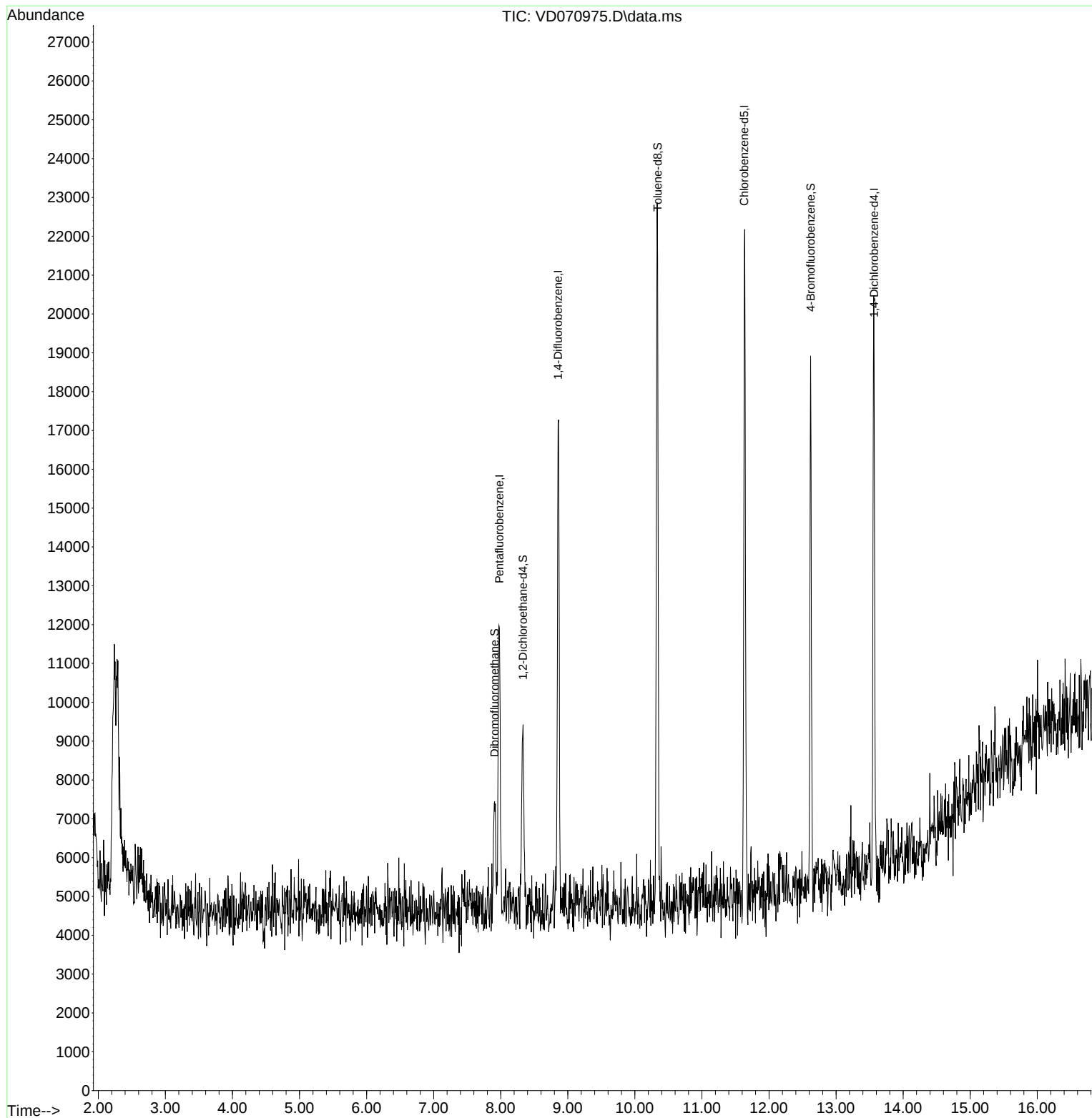
Target Compounds	Qvalue

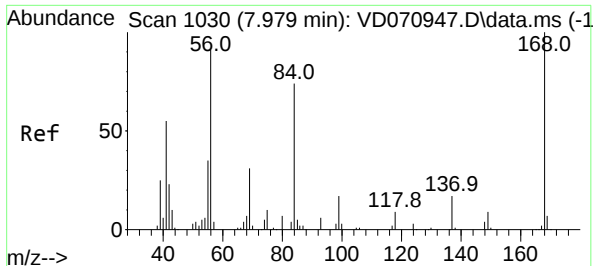
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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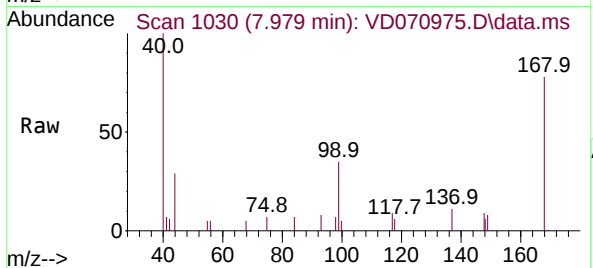
Quant Time: Nov 11 06:30:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
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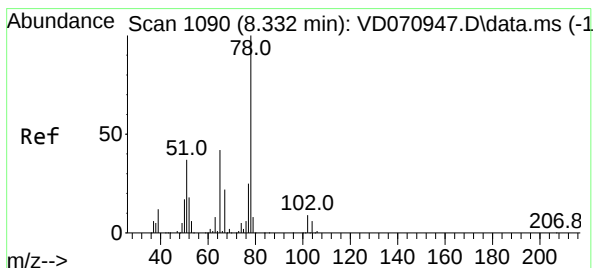
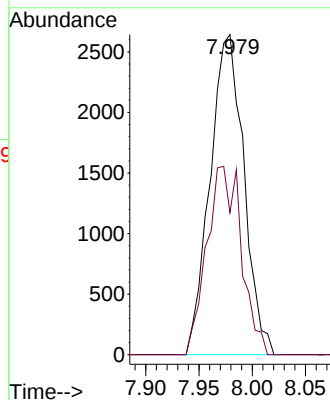
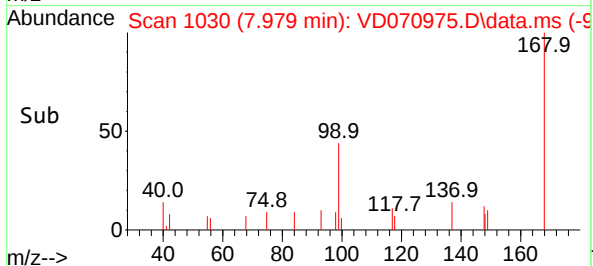


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070975.D
Acq: 10 Nov 2021 18:02

Instrument :
MSVOA_D
ClientSampleId :
TR-05-110921

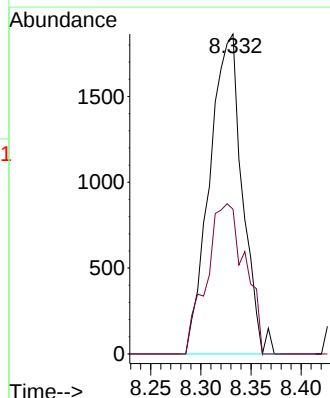
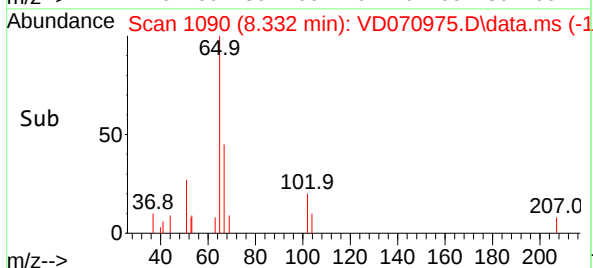
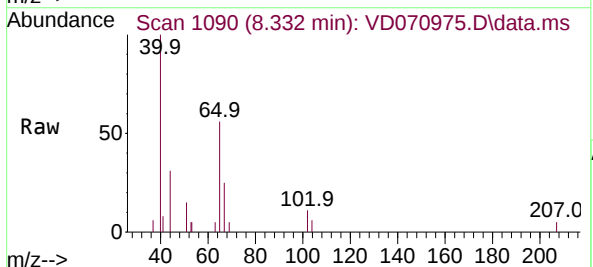


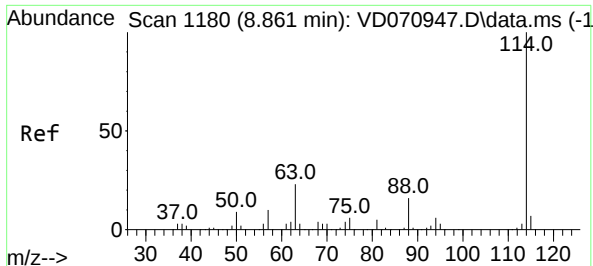
Tgt Ion:168 Resp: 5837
Ion Ratio Lower Upper
168 100
99 44.4 46.6 69.8#



#33
1,2-Dichloroethane-d4
Concen: 68.081 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD070975.D
Acq: 10 Nov 2021 18:02

Tgt Ion: 65 Resp: 4231
Ion Ratio Lower Upper
65 100
67 55.4 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD070975.D

Acq: 10 Nov 2021 18:02

Instrument :

MSVOA_D

ClientSampleId :

TR-05-110921

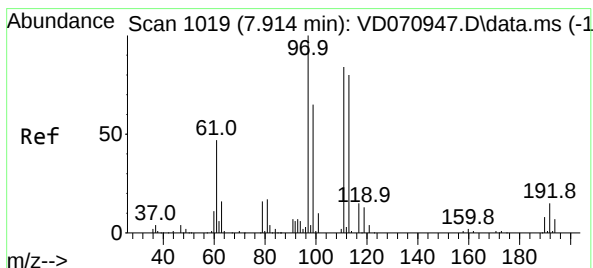
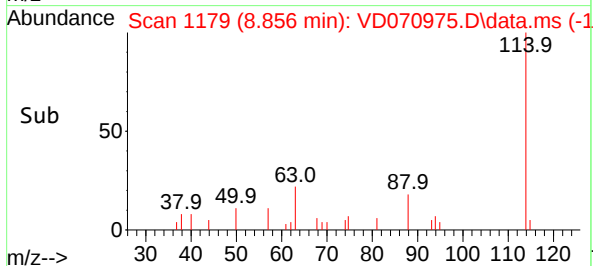
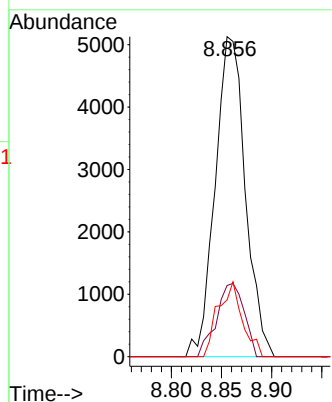
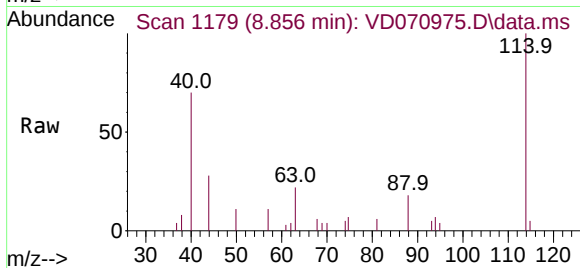
Tgt Ion:114 Resp: 10735

Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

88 17.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 43.978 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD070975.D

Acq: 10 Nov 2021 18:02

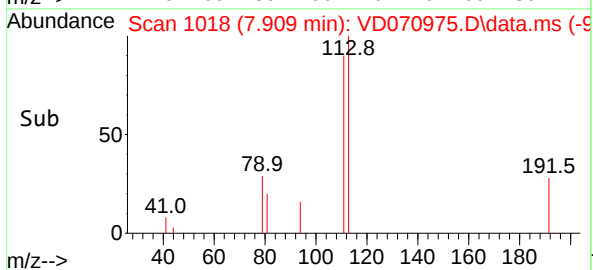
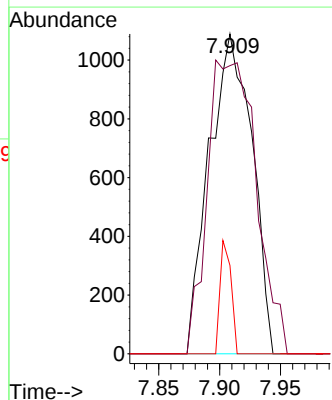
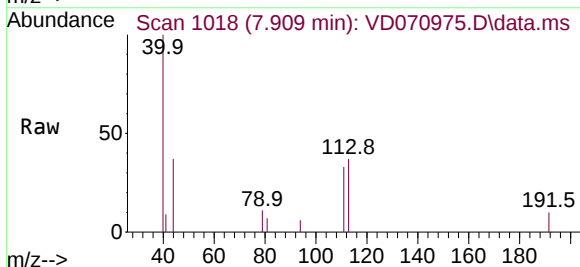
Tgt Ion:113 Resp: 2664

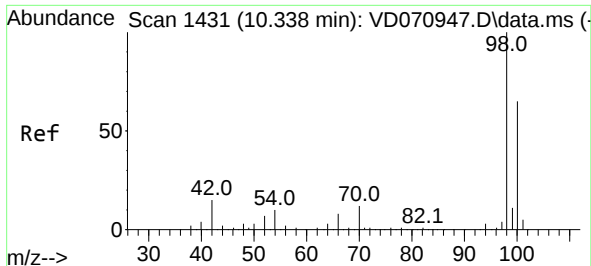
Ion Ratio Lower Upper

113 100

111 104.4 82.0 123.0

192 9.1 15.2 22.8#

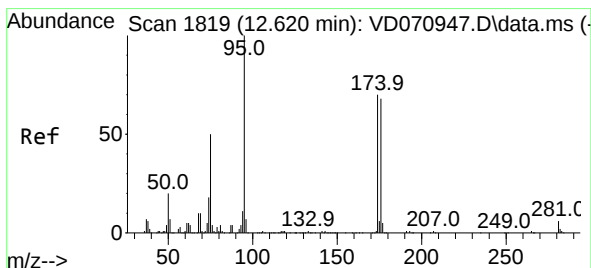
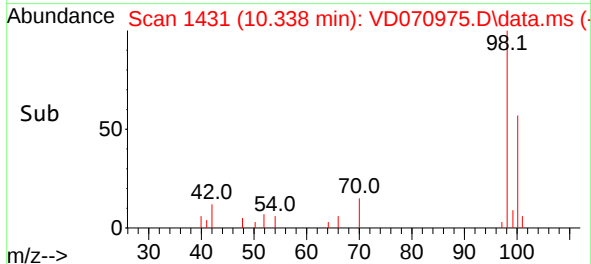
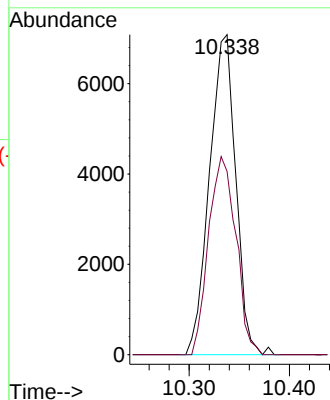
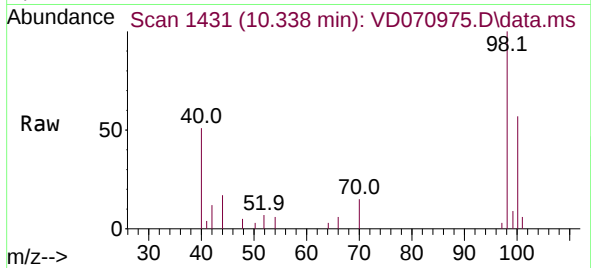




#50
Toluene-d8
Concen: 54.420 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070975.D
Acq: 10 Nov 2021 18:02

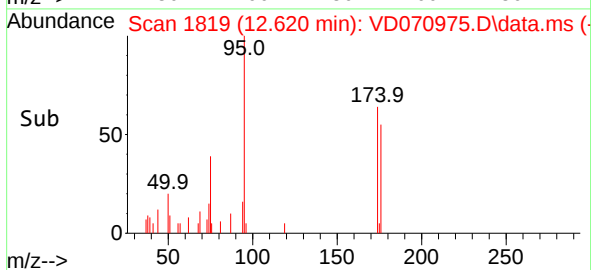
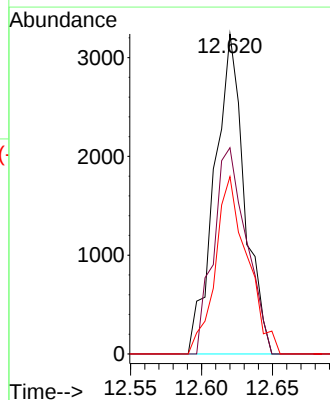
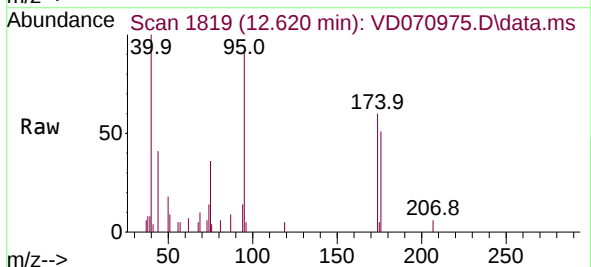
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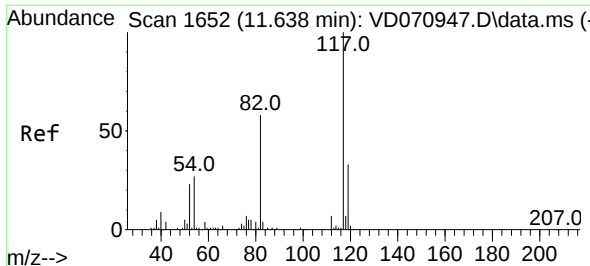
Tgt Ion: 98 Resp: 12910
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 55.668 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070975.D
Acq: 10 Nov 2021 18:02

Tgt Ion: 95 Resp: 4755
Ion Ratio Lower Upper
95 100
174 70.8 0.0 159.4
176 59.1 0.0 154.0

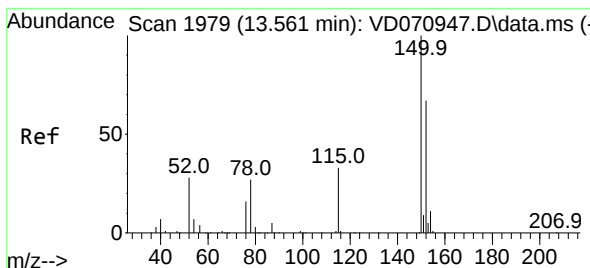
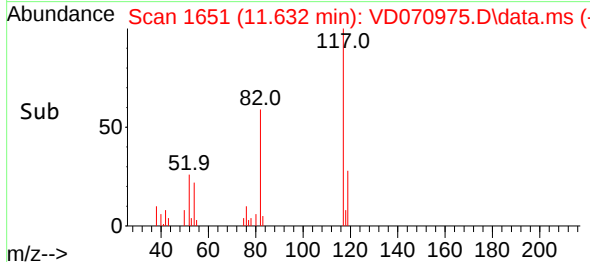
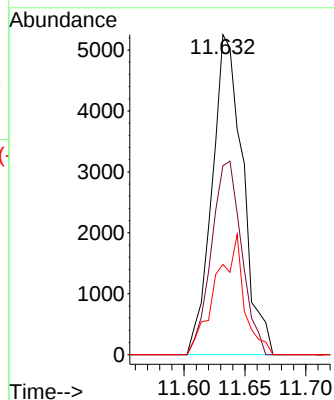
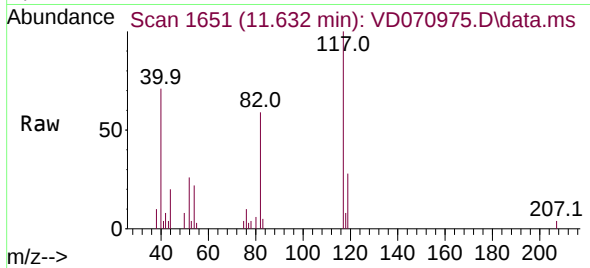




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VD070975.D
Acq: 10 Nov 2021 18:02

Instrument :
MSVOA_D
ClientSampleId :
TR-05-110921

Tgt Ion:	117	Resp:	9204
Ion	Ratio	Lower	Upper
117	100		
82	59.0	44.7	67.1
119	28.2	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070975.D
Acq: 10 Nov 2021 18:02

Tgt Ion:	152	Resp:	3937
Ion	Ratio	Lower	Upper
152	100		
115	67.7	29.8	89.3
150	159.4	0.0	349.2

