

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111021\
 Data File : VD070973.D
 Acq On : 10 Nov 2021 16:38
 Operator : VA/SY
 Sample : M4541-01RE
 Misc : 4.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3-ASRE

Quant Time: Nov 11 06:30:05 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	9314	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.856	114	17593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	16951	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	7307	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	7106	71.657	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.320%
35) Dibromofluoromethane	7.897	113	4333	43.647	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.300%
50) Toluene-d8	10.332	98	21213	54.563	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.120%
62) 4-Bromofluorobenzene	12.620	95	7756	55.406	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.820%

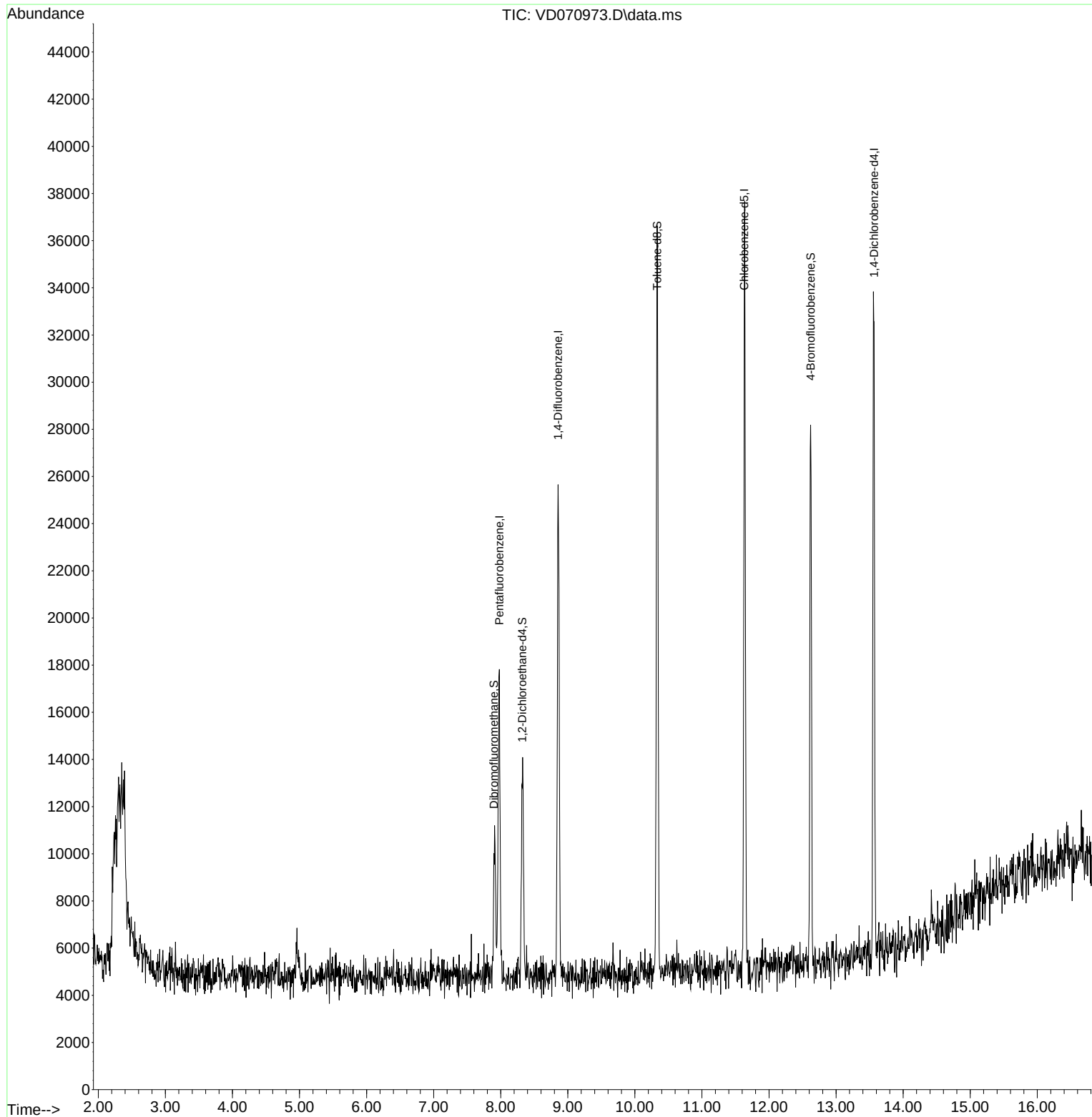
Target Compounds	Qvalue

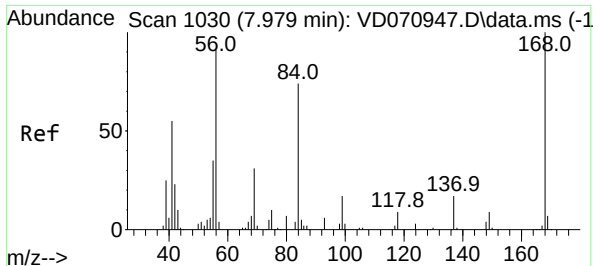
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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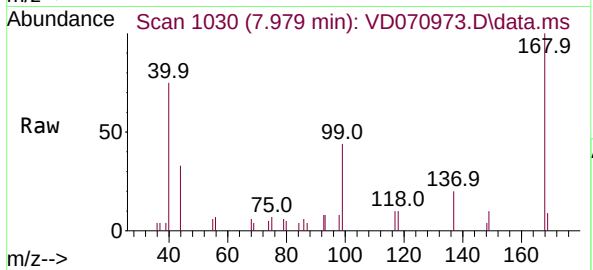
Quant Time: Nov 11 06:30:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
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QLast Update : Wed Nov 10 03:55:51 2021
Response via : Initial Calibration



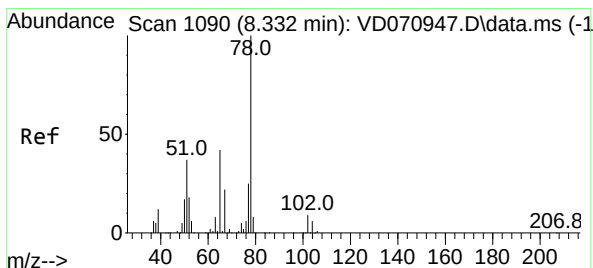
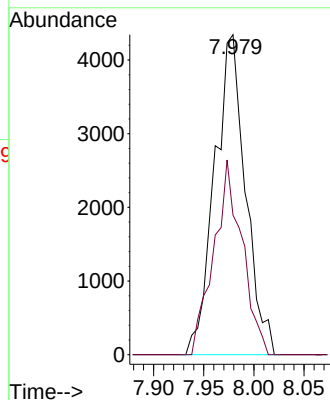
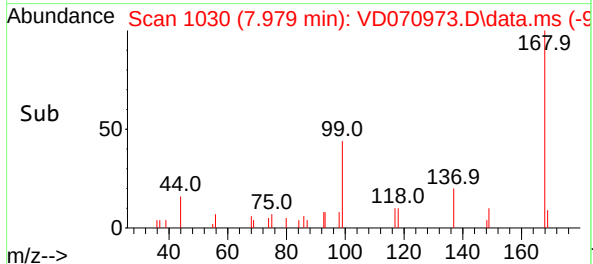


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070973.D
Acq: 10 Nov 2021 16:38

Instrument :
MSVOA_D
ClientSampleId :
WC-3-ASRE

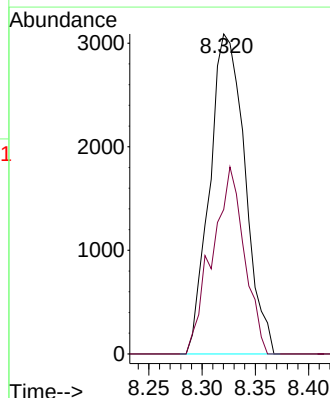
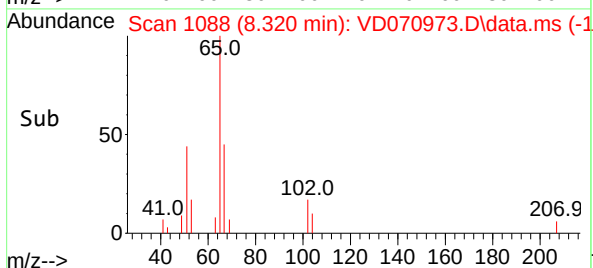
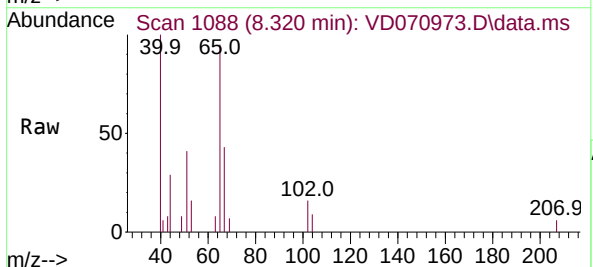


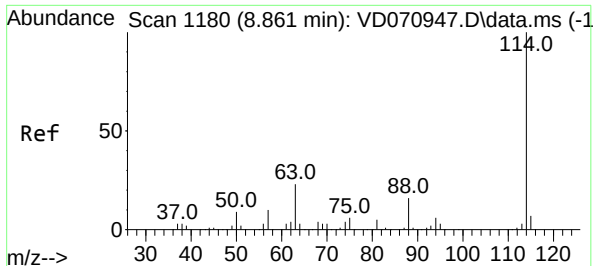
Tgt Ion:168 Resp: 9314
Ion Ratio Lower Upper
168 100
99 43.6 46.6 69.8#



#33
1,2-Dichloroethane-d4
Concen: 71.657 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.012 min
Lab File: VD070973.D
Acq: 10 Nov 2021 16:38

Tgt Ion: 65 Resp: 7106
Ion Ratio Lower Upper
65 100
67 53.6 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: VD070973.D

Acq: 10 Nov 2021 16:38

Instrument :

MSVOA_D

ClientSampleId :

WC-3-ASRE

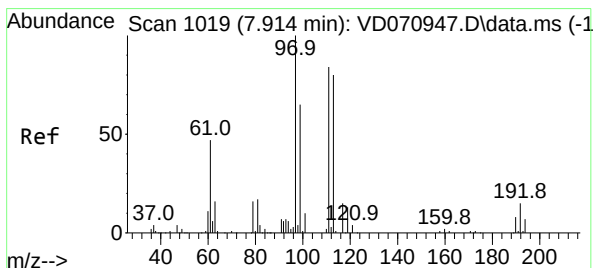
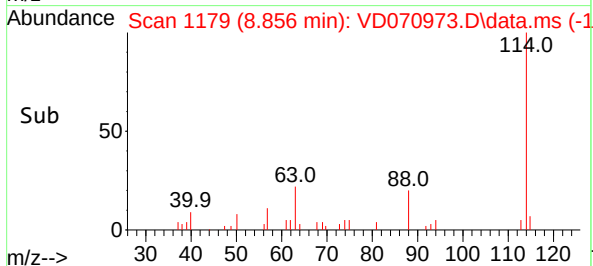
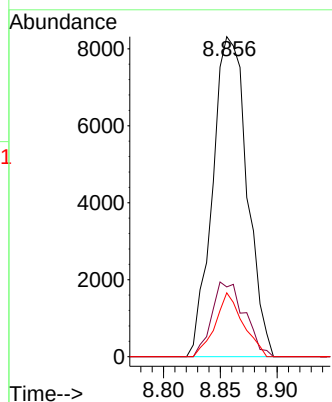
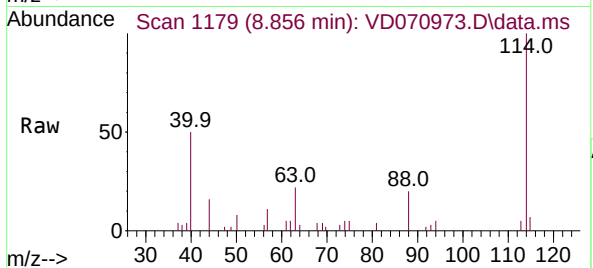
Tgt Ion:114 Resp: 17593

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.8

88 20.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 43.647 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.017 min

Lab File: VD070973.D

Acq: 10 Nov 2021 16:38

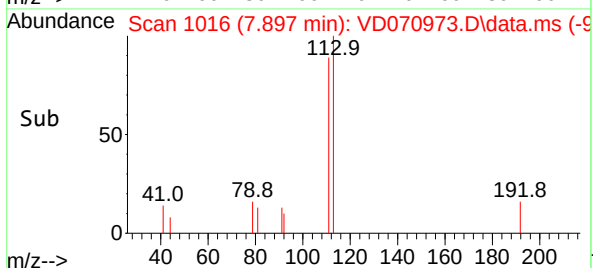
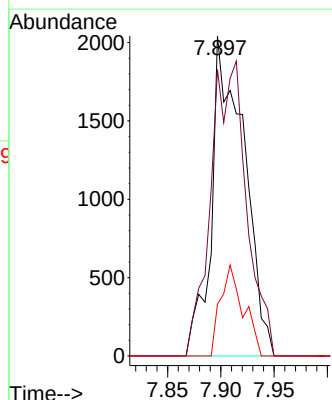
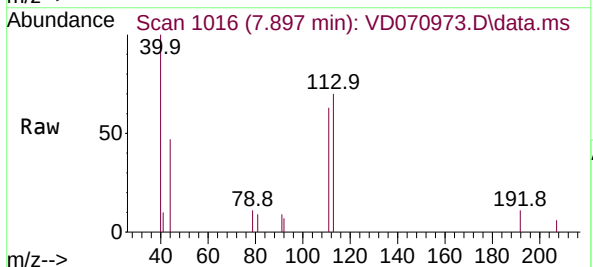
Tgt Ion:113 Resp: 4333

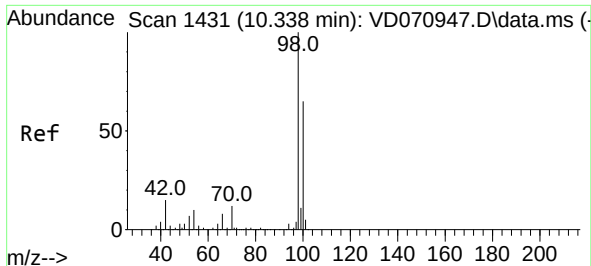
Ion Ratio Lower Upper

113 100

111 101.3 82.0 123.0

192 19.9 15.2 22.8

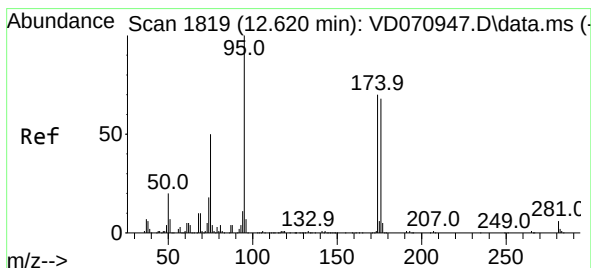
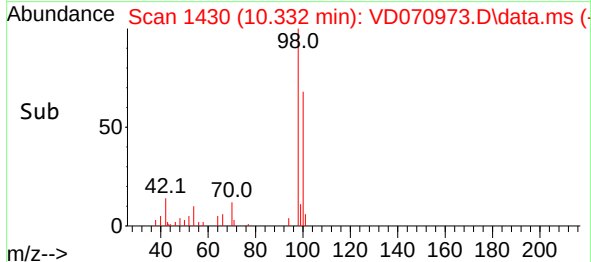
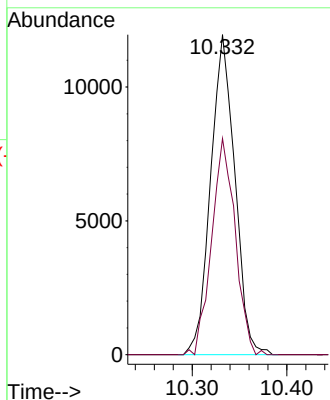
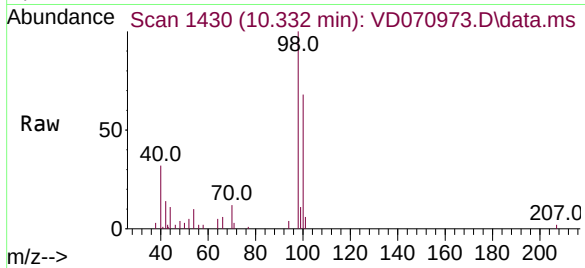




#50
Toluene-d8
Concen: 54.563 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070973.D
Acq: 10 Nov 2021 16:38

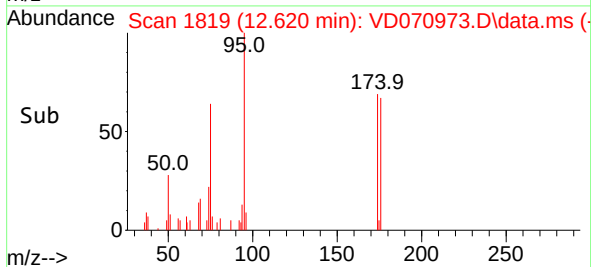
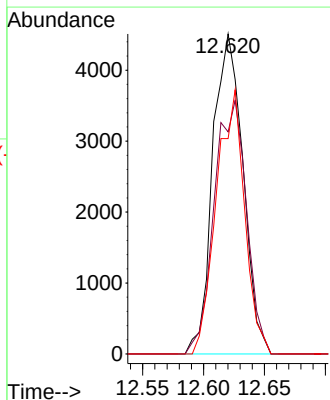
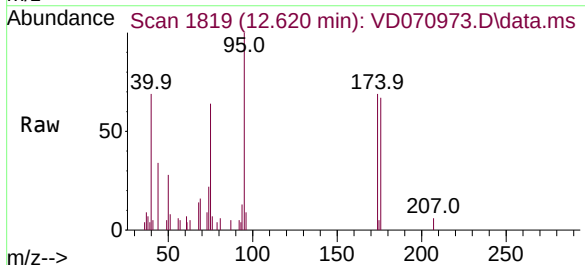
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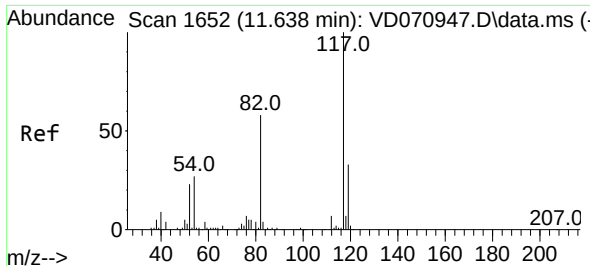
Tgt Ion: 98 Resp: 21213
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 55.406 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070973.D
Acq: 10 Nov 2021 16:38

Tgt Ion: 95 Resp: 7756
Ion Ratio Lower Upper
95 100
174 84.5 0.0 159.4
176 77.5 0.0 154.0

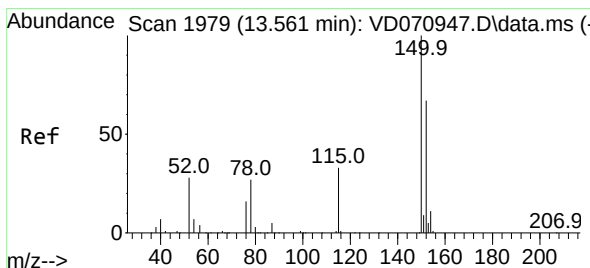
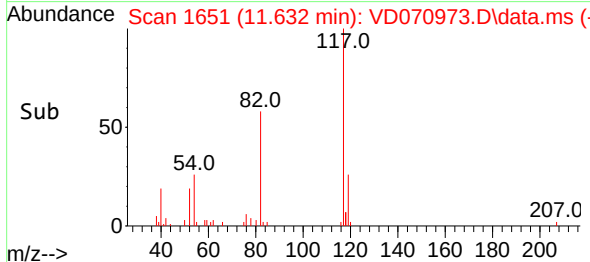
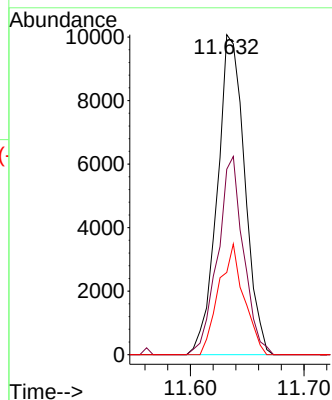
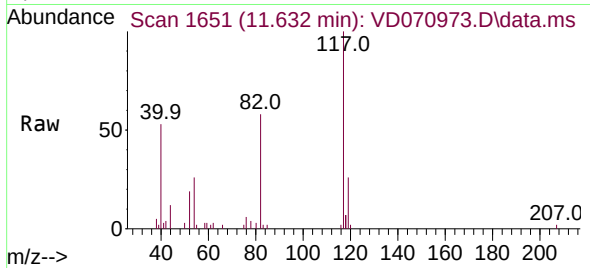




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD070973.D
Acq: 10 Nov 2021 16:38

Instrument :
MSVOA_D
ClientSampleId :
WC-3-ASRE

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.0	44.7	67.1
119	25.7	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: VD070973.D
Acq: 10 Nov 2021 16:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.7	29.8	89.3
150	159.5	0.0	349.2

