

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
 Data File : VD071035.D
 Acq On : 15 Nov 2021 18:32
 Operator : VA/SY
 Sample : M4601-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AS-RO-COMP

Quant Time: Nov 16 03:22:33 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	2089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	4073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	3687	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	1167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	1392	62.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.180%	
35) Dibromofluoromethane	7.926	113	782	34.025	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 68.040%	
50) Toluene-d8	10.343	98	4809	53.429	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.860%	
62) 4-Bromofluorobenzene	12.626	95	1499	46.254	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.500%	

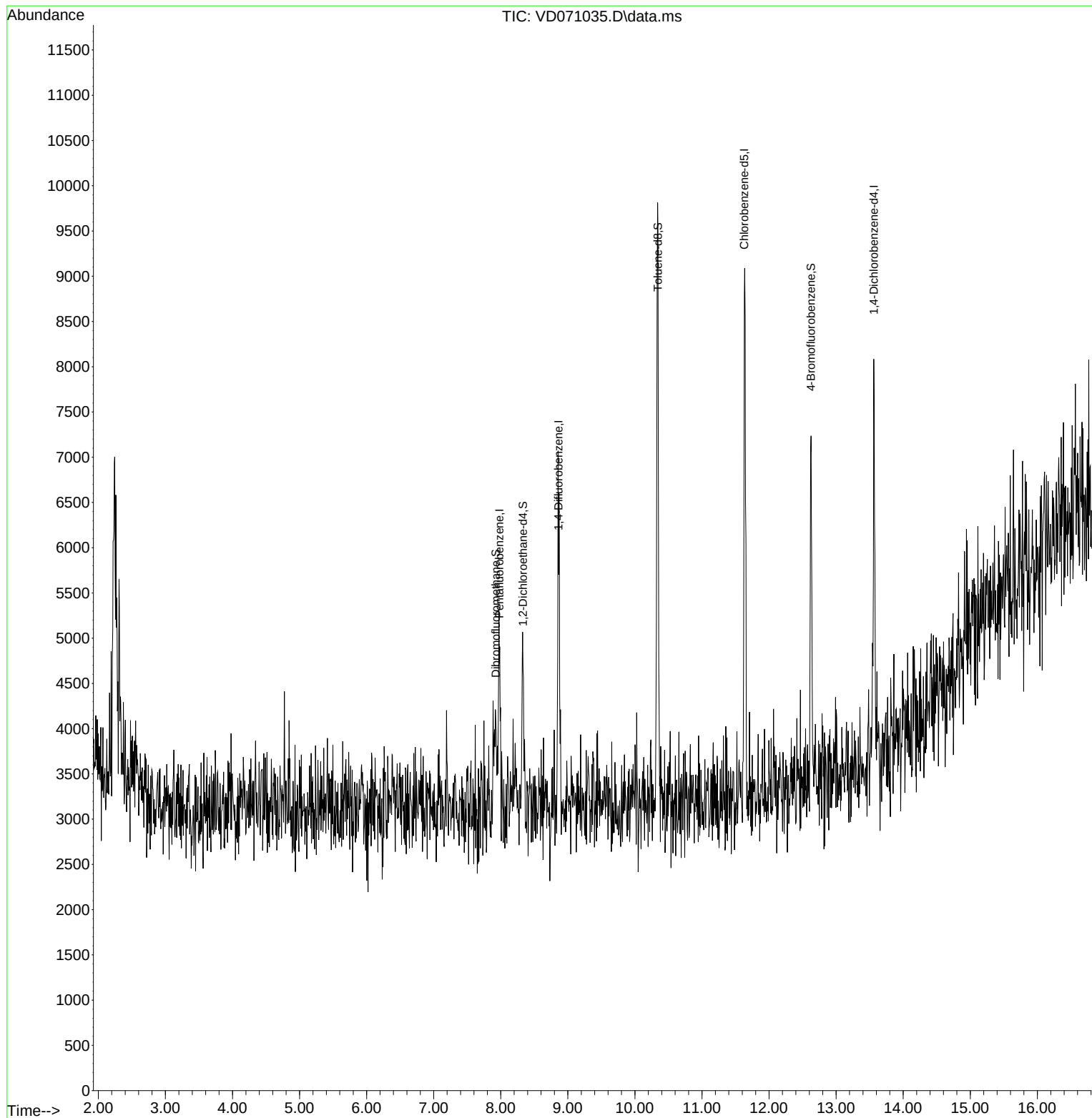
Target Compounds	Qvalue

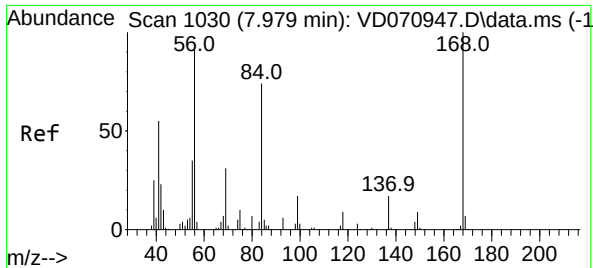
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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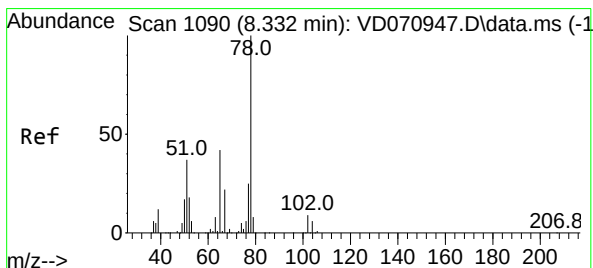
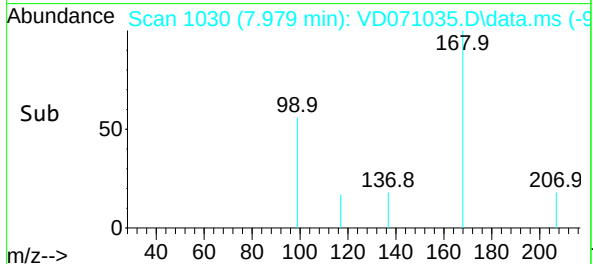
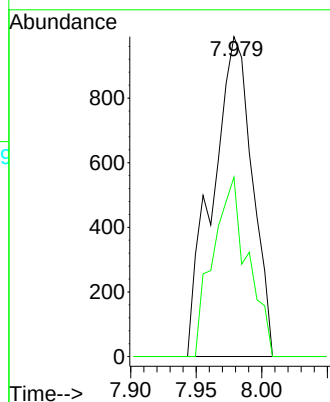
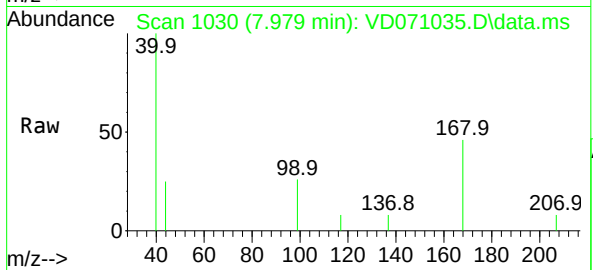




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071035.D
Acq: 15 Nov 2021 18:32

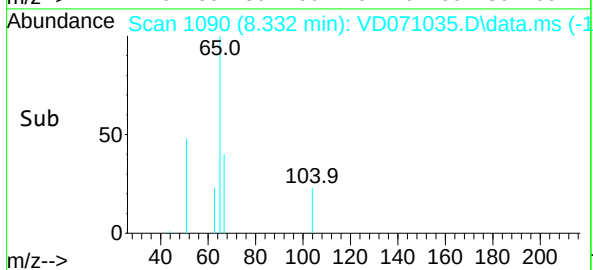
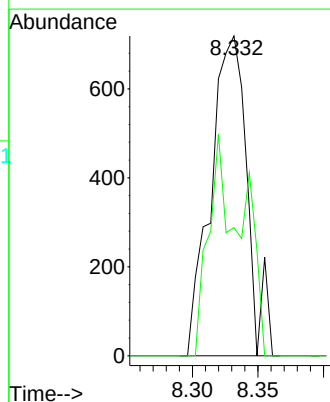
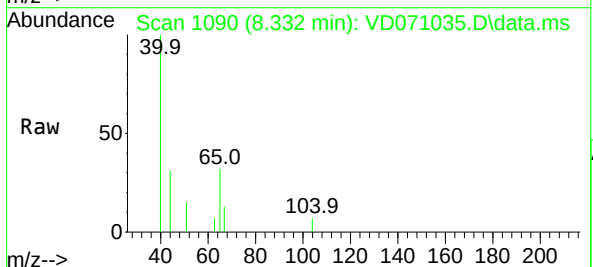
Instrument :
MSVOA_D
ClientSampleId :
AS-RO-COMP

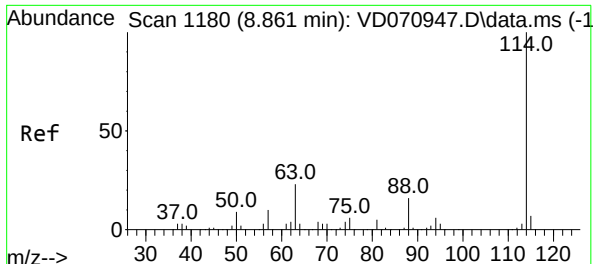
Tgt Ion:168 Resp: 2089
Ion Ratio Lower Upper
168 100
99 56.1 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 62.585 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD071035.D
Acq: 15 Nov 2021 18:32

Tgt Ion: 65 Resp: 1392
Ion Ratio Lower Upper
65 100
67 46.8 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071035.D

Acq: 15 Nov 2021 18:32

Instrument :

MSVOA_D

ClientSampleId :

AS-RO-COMP

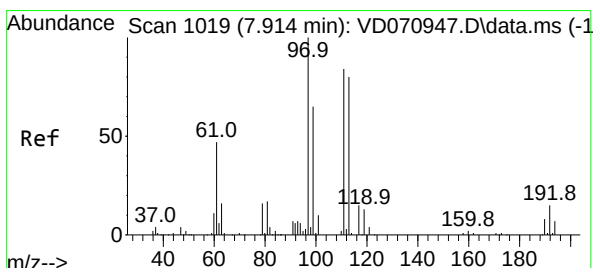
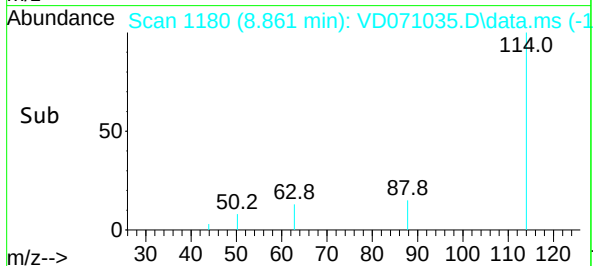
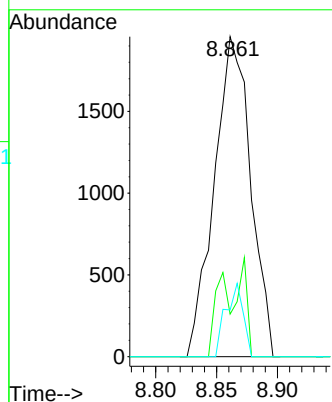
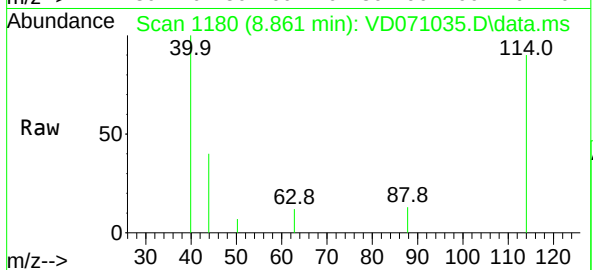
Tgt Ion:114 Resp: 4073

Ion Ratio Lower Upper

114 100

63 13.3 0.0 41.8

88 14.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 34.025 ug/l

RT: 7.926 min Scan# 1021

Delta R.T. 0.012 min

Lab File: VD071035.D

Acq: 15 Nov 2021 18:32

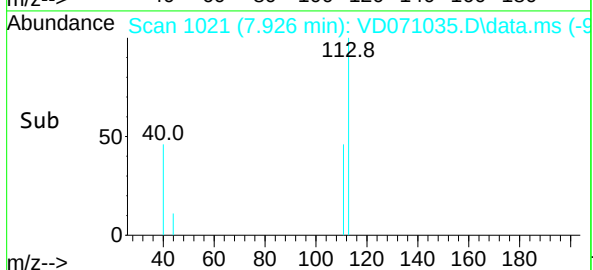
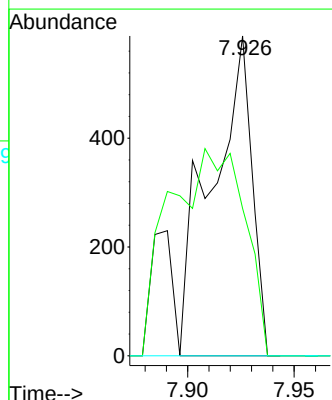
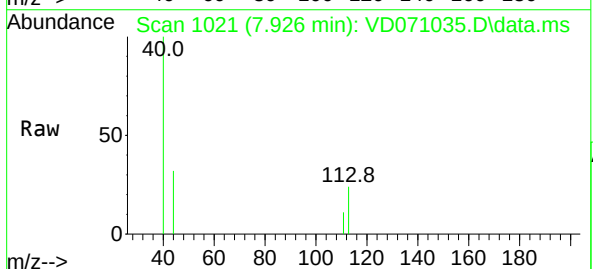
Tgt Ion:113 Resp: 782

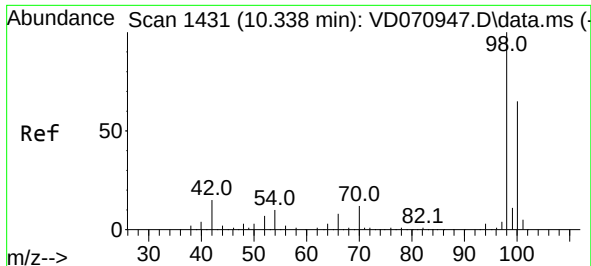
Ion Ratio Lower Upper

113 100

111 0.0 82.0 123.0#

192 0.0 15.2 22.8#

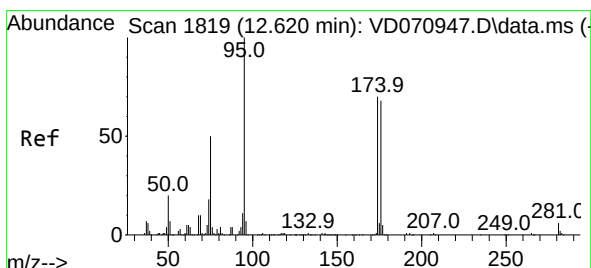
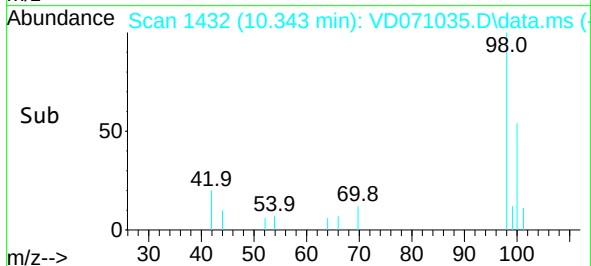
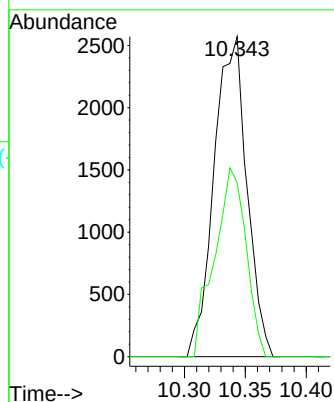
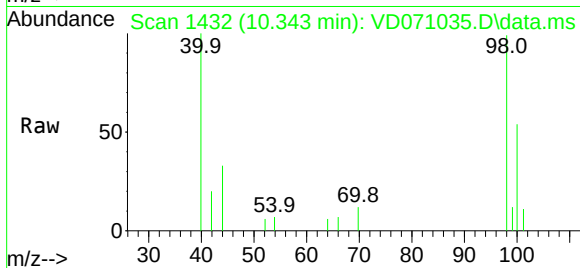




#50
Toluene-d8
Concen: 53.429 ug/l
RT: 10.343 min Scan# 1431
Delta R.T. 0.005 min
Lab File: VD071035.D
Acq: 15 Nov 2021 18:32

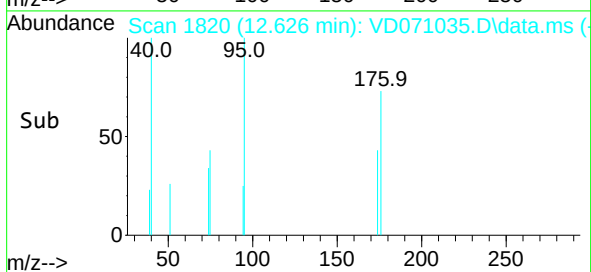
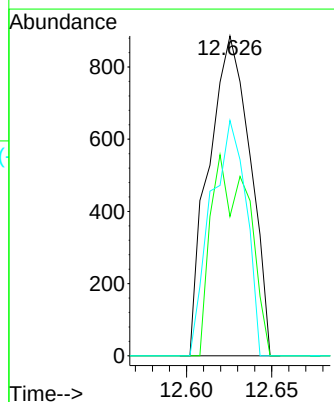
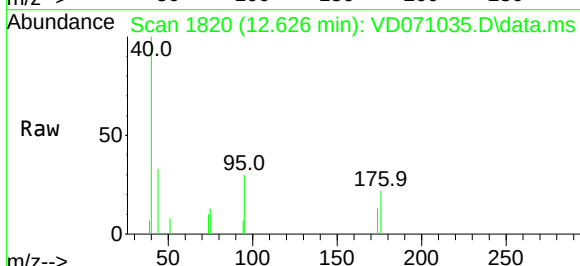
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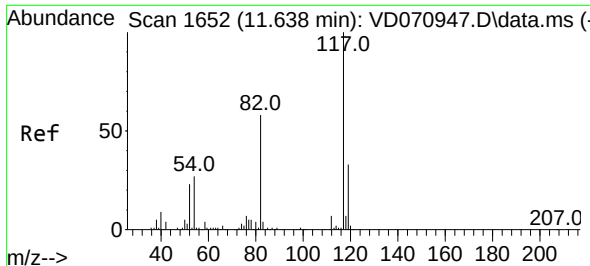
Tgt Ion: 98 Resp: 4809
Ion Ratio Lower Upper
98 100
100 56.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 46.254 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD071035.D
Acq: 15 Nov 2021 18:32

Tgt Ion: 95 Resp: 1499
Ion Ratio Lower Upper
95 100
174 57.0 0.0 159.4
176 62.7 0.0 154.0

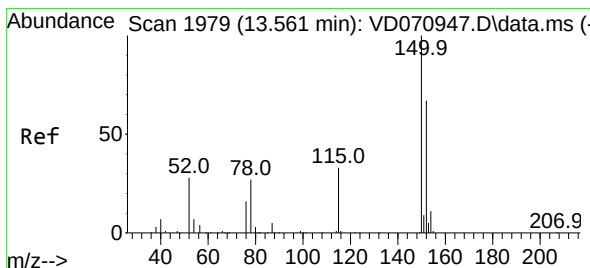
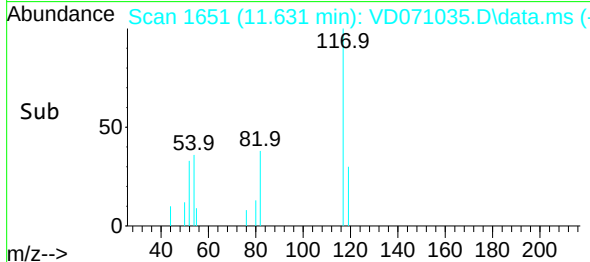
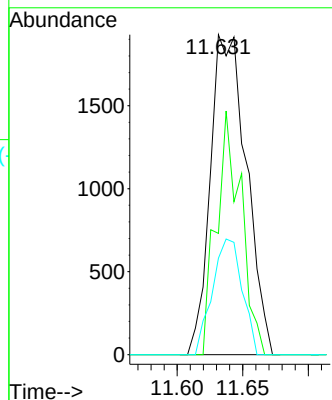
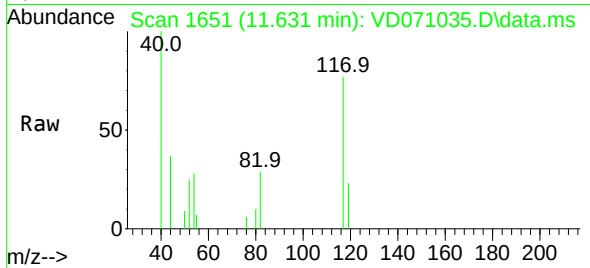




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 11651
Delta R.T. -0.007 min
Lab File: VD071035.D
Acq: 15 Nov 2021 18:32

Instrument :
MSVOA_D
ClientSampleId :
AS-RO-COMP

Tgt Ion:117 Resp: 3687
Ion Ratio Lower Upper
117 100
82 37.9 44.7 67.1#
119 30.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD071035.D
Acq: 15 Nov 2021 18:32

Tgt Ion:152 Resp: 1167
Ion Ratio Lower Upper
152 100
115 59.8 29.8 89.3
150 197.1 0.0 349.2

