

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072302.D
 Acq On : 18 Mar 2022 21:02
 Operator : VA/SY
 Sample : N1962-08
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C-21-21-23

Quant Time: Mar 19 05:29:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	585	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	1218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	736	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.491	152	332	50.000	ug/l	#-0.08

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	179	27.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	54.920%
35) Dibromofluoromethane	7.903	113	221	25.784	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	51.560%#
50) Toluene-d8	10.344	98	1369	43.681	ug/l	0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.360%
62) 4-Bromofluorobenzene	12.732	95	66	5.420	ug/l	0.11
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.840%#

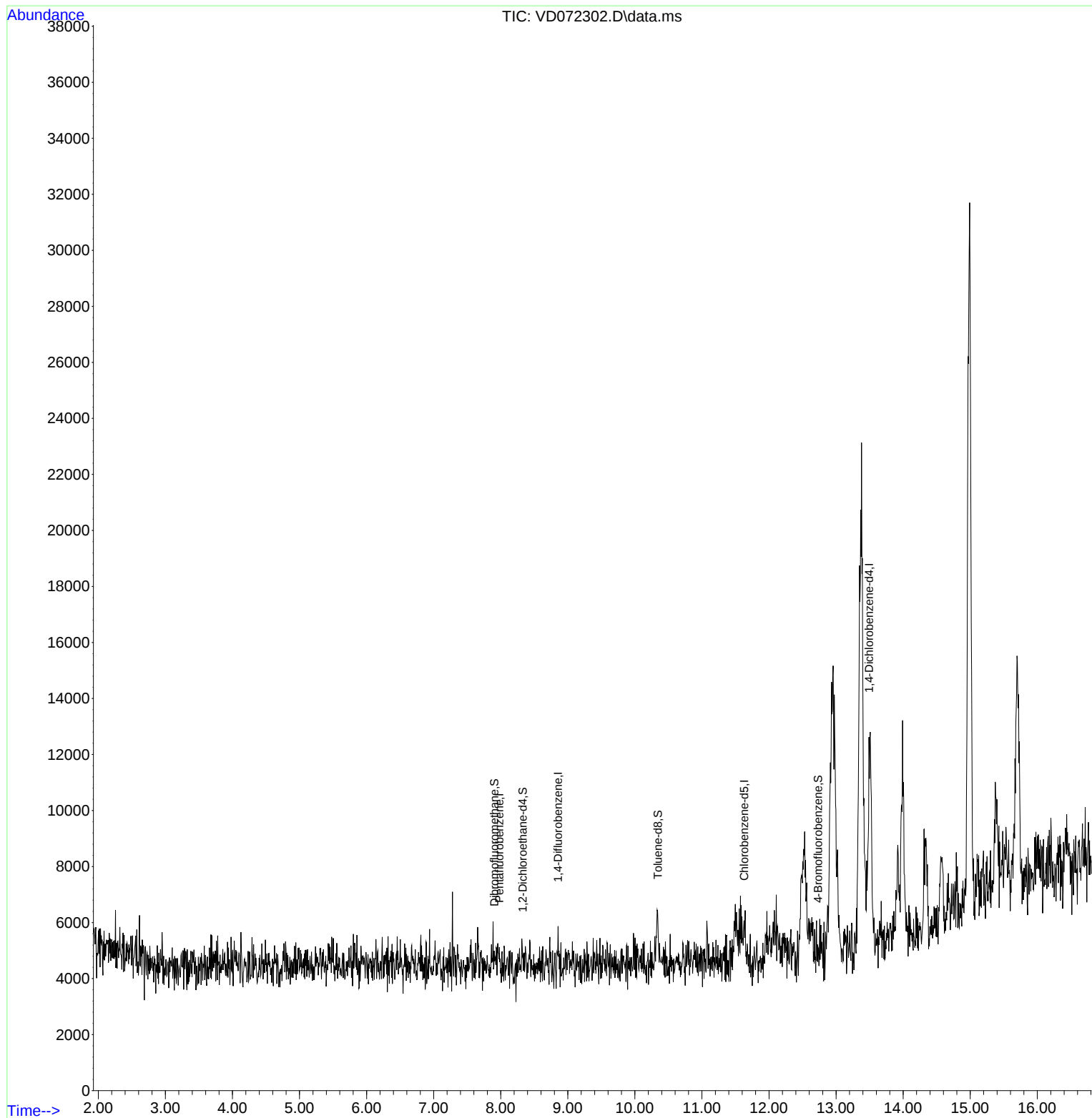
Target Compounds	Qvalue

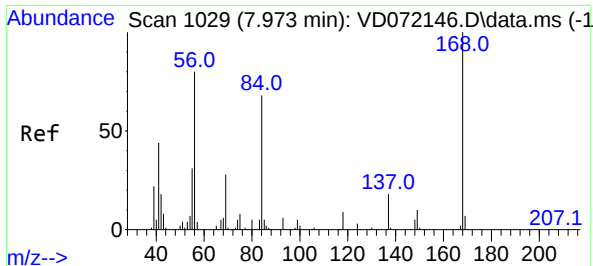
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072302.D

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MSVOA_D

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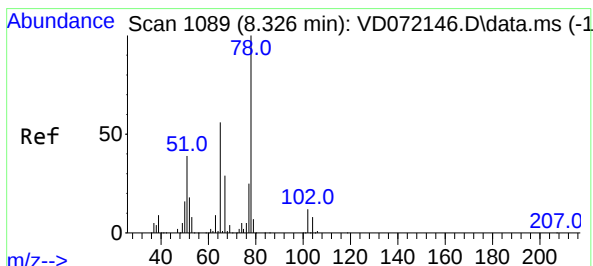
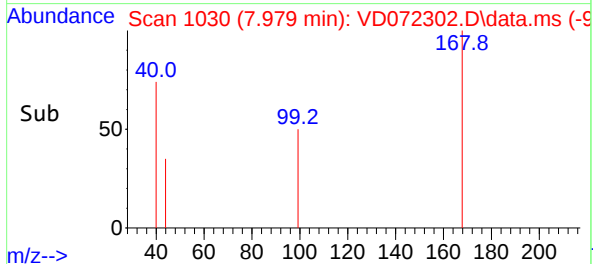
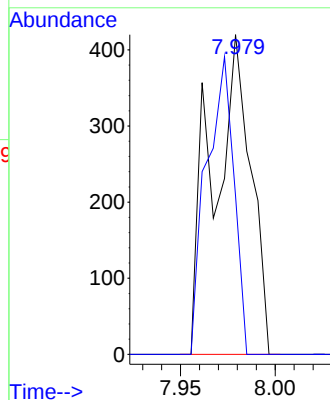
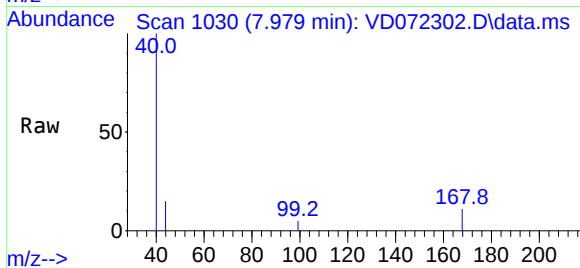
C-21-21-23

Tgt Ion:168 Resp: 585

Ion Ratio Lower Upper

168 100

99 49.5 49.8 74.6#



1,2-Dichloroethane-d4

Concen: 27.456 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072302.D

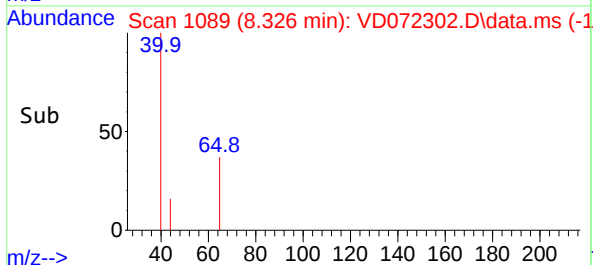
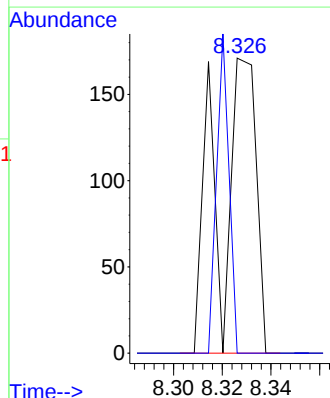
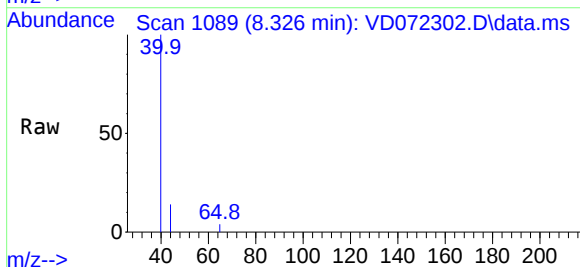
Acq: 18 Mar 2022 21:02

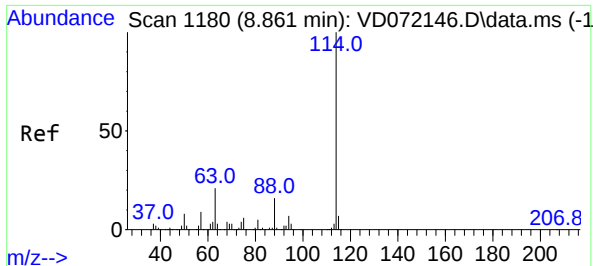
Tgt Ion: 65 Resp: 179

Ion Ratio Lower Upper

65 100

67 36.3 0.0 101.4

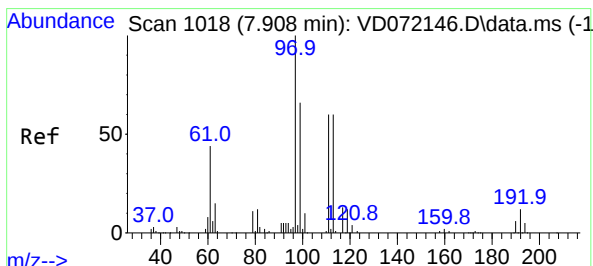
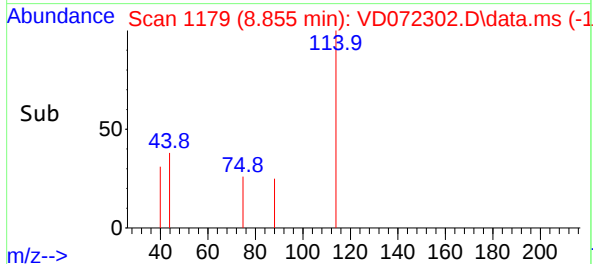
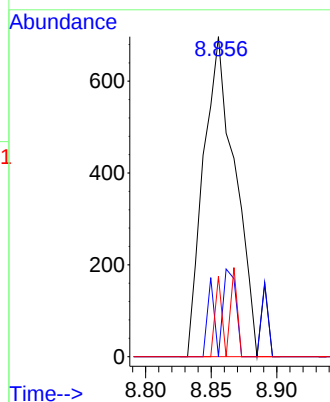
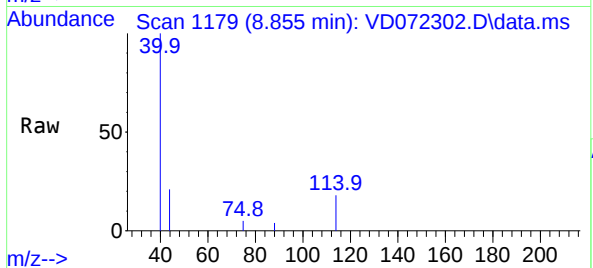




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072302.D
Acq: 18 Mar 2022 21:02

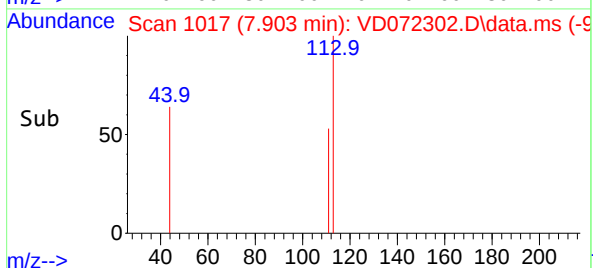
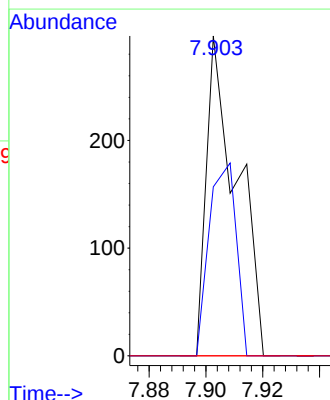
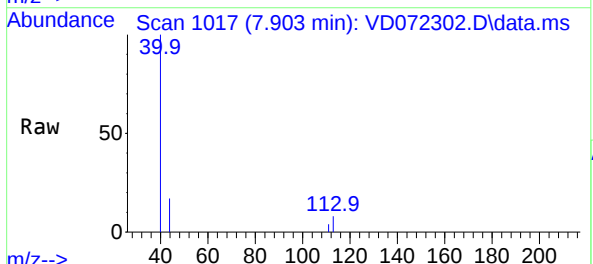
Instrument :
MSVOA_D
ClientSampleId :
C-21-21-23

Tgt Ion:	114	Resp:	1218
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	46.6
88	25.1	0.0	33.2



#35
Dibromofluoromethane
Concen: 25.784 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD072302.D
Acq: 18 Mar 2022 21:02

Tgt Ion:	113	Resp:	221
Ion	Ratio	Lower	Upper
113	100		
111	53.8	83.8	125.6#
192	0.0	14.6	21.8#

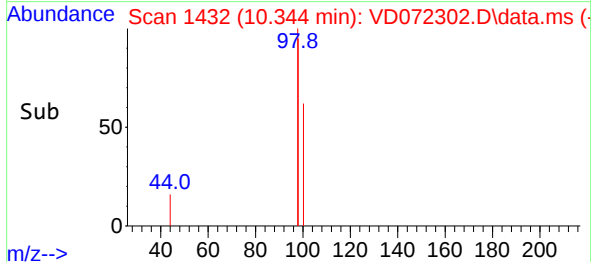
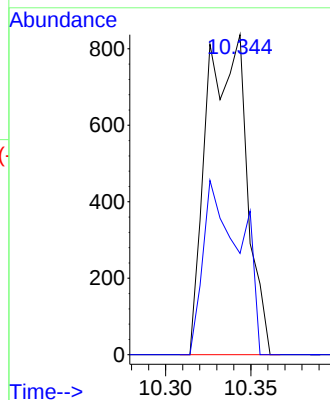
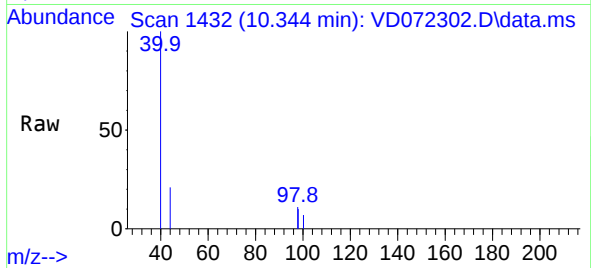




#50
Toluene-d8
Concen: 43.681 ug/l
RT: 10.344 min Scan# 1430
Delta R.T. 0.012 min
Lab File: VD072302.D
Acq: 18 Mar 2022 21:02

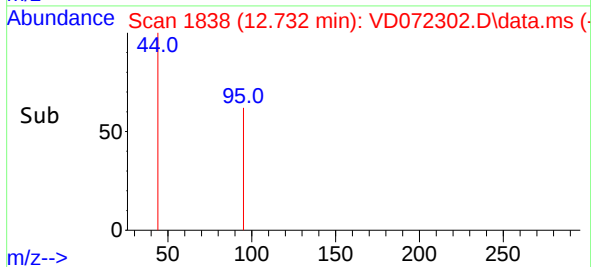
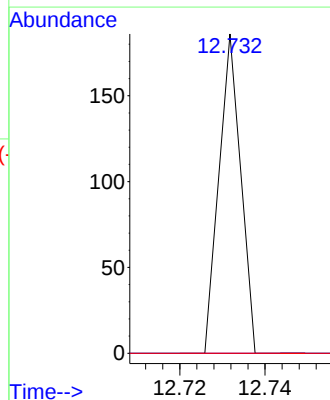
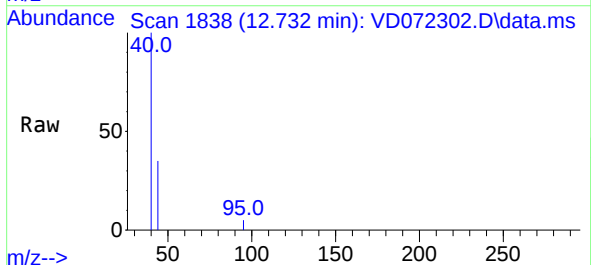
Instrument :
MSVOA_D
ClientSampleId :
C-21-21-23

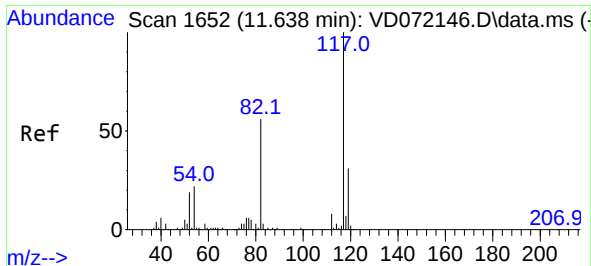
Tgt Ion: 98 Resp: 1369
Ion Ratio Lower Upper
98 100
100 50.0 52.4 78.6#



#62
4-Bromofluorobenzene
Concen: 5.420 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.112 min
Lab File: VD072302.D
Acq: 18 Mar 2022 21:02

Tgt Ion: 95 Resp: 66
Ion Ratio Lower Upper
95 100
174 0.0 0.0 152.8
176 0.0 0.0 145.4

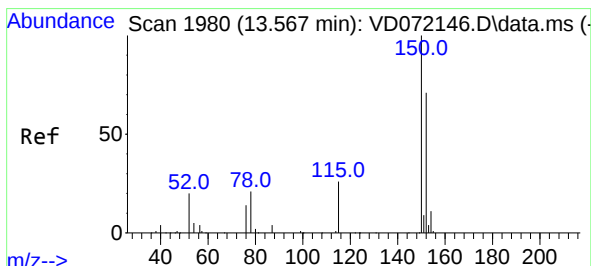
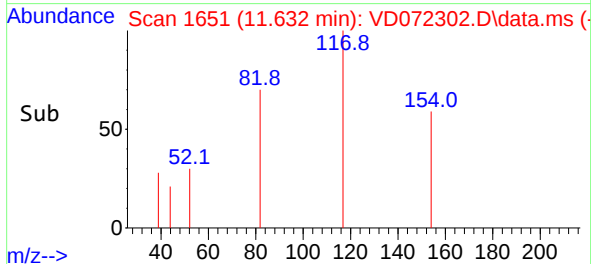
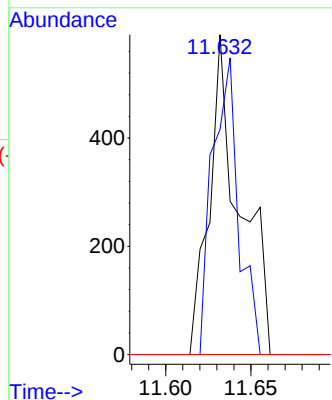
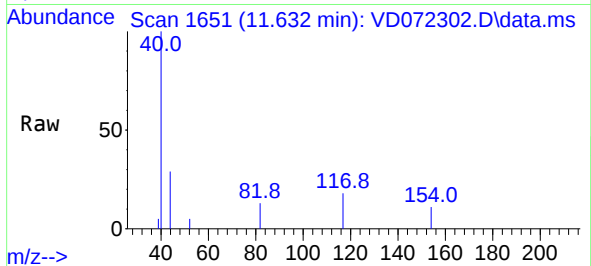




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD072302.D
Acq: 18 Mar 2022 21:02

Instrument :
MSVOA_D
ClientSampleId :
C-21-21-23

Tgt Ion:117 Resp: 736
Ion Ratio Lower Upper
117 100
82 70.4 45.3 67.9#
119 0.0 26.6 40.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.491 min Scan# 1967
Delta R.T. -0.076 min
Lab File: VD072302.D
Acq: 18 Mar 2022 21:02

Tgt Ion:152 Resp: 332
Ion Ratio Lower Upper
152 100
115 348.5 31.3 93.8#
150 35.5 0.0 348.6

