

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072351.D
 Acq On : 21 Mar 2022 20:23
 Operator : VA/SY
 Sample : N1968-10
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-2-11-23-24

Quant Time: Mar 22 02:14:22 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)

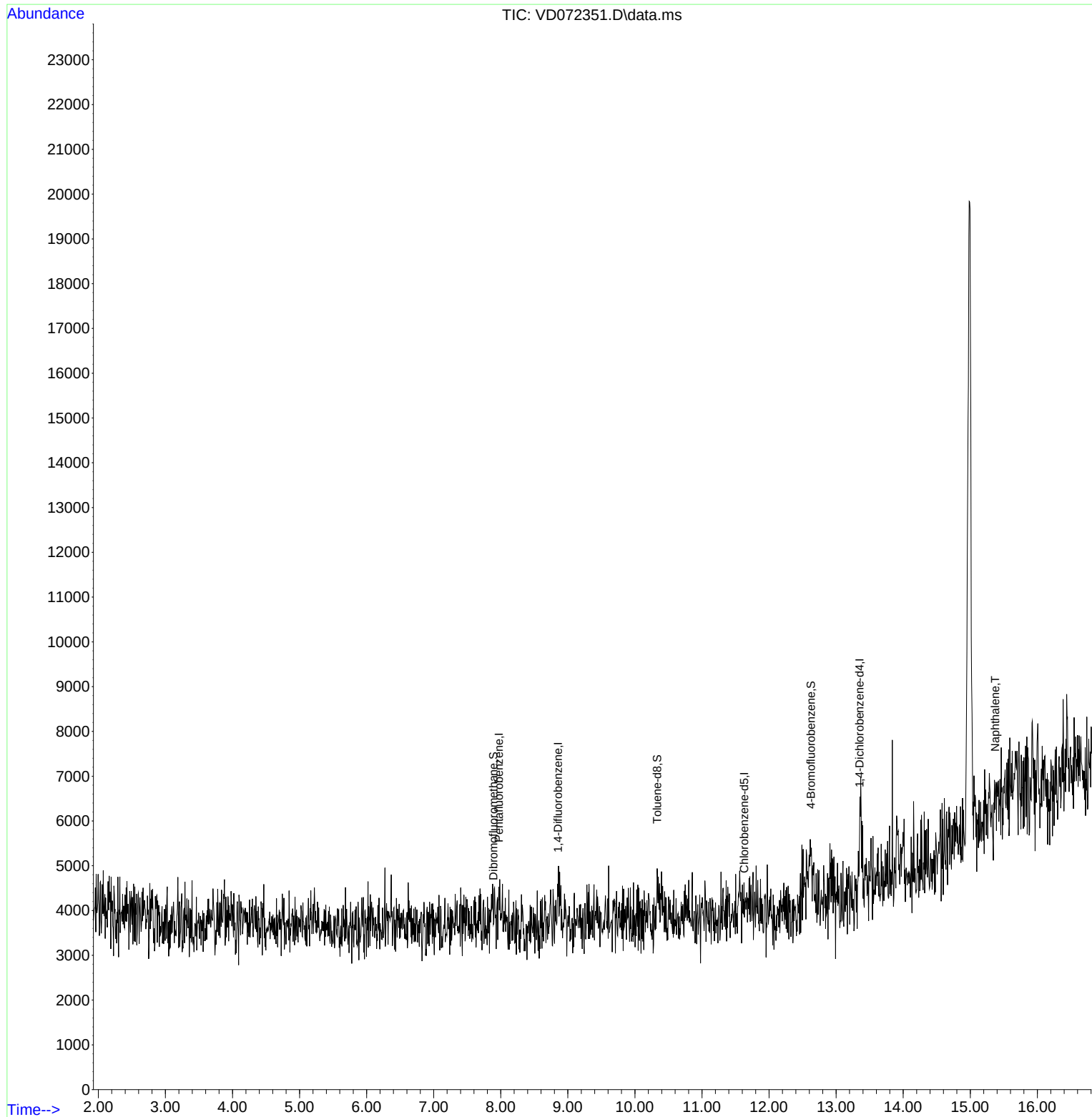
Internal Standards						
1) Pentafluorobenzene	7.973	168	584	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	569	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.349	152	178	50.000	ug/l	#-0.22
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/l	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	7.891	113	283	41.979	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.960%
50) Toluene-d8	10.332	98	1158	46.977	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.960%
62) 4-Bromofluorobenzene	12.626	95	67	6.995	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	14.000%#
Target Compounds						
95) Naphthalene	15.373	128	160	24.167	ug/l	# 70

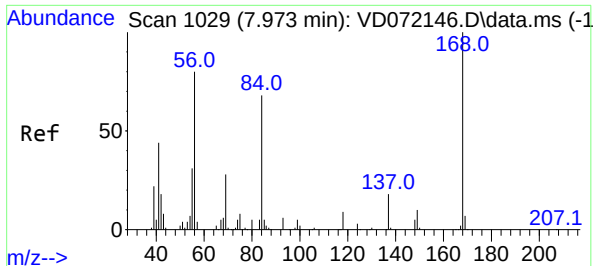
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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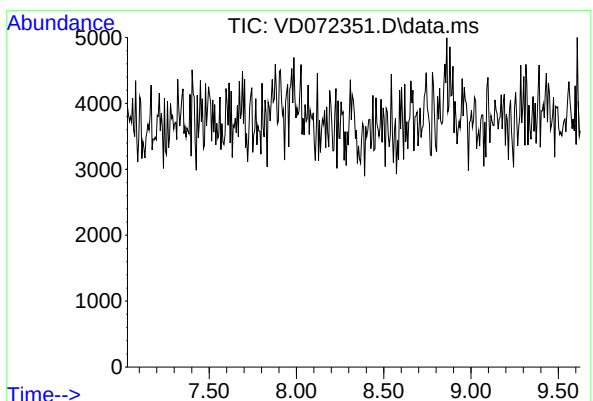
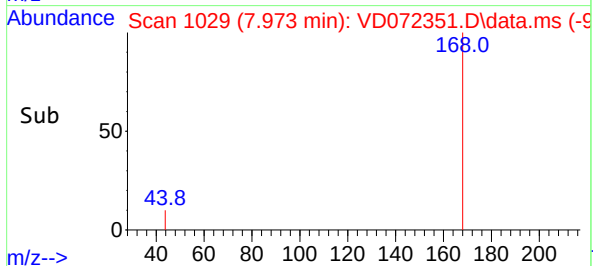
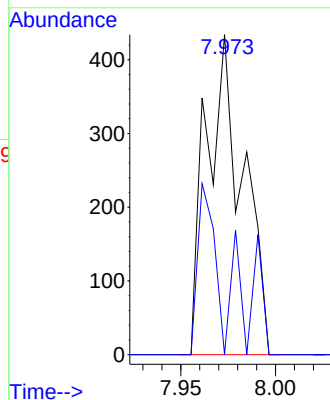
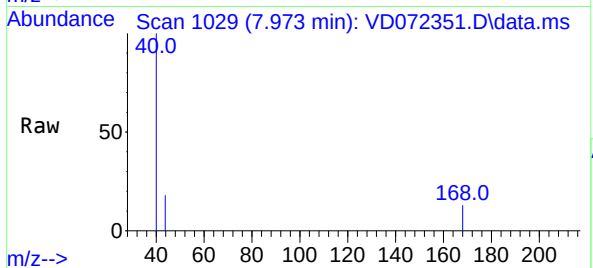




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.973 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: VD072351.D
 Acq: 21 Mar 2022 20:23

Instrument :
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 G-2-11-23-24

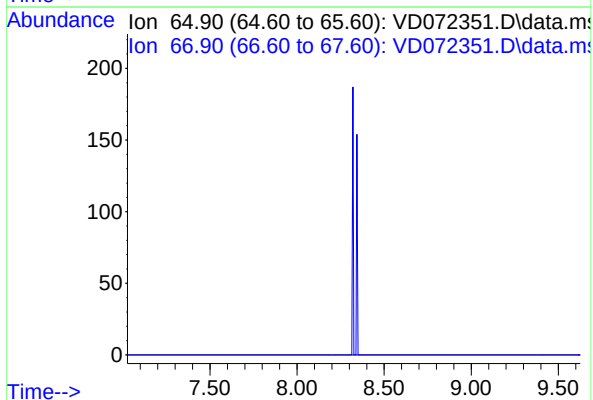
Tgt Ion:168 Resp: 584
 Ion Ratio Lower Upper
 168 100
 99 0.0 49.8 74.6#

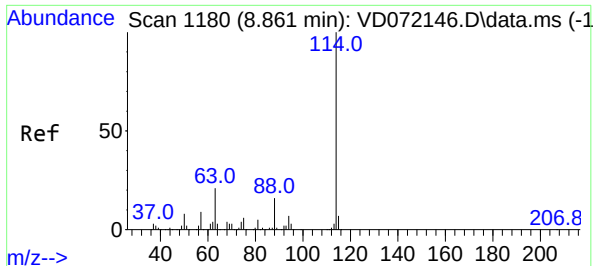


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.33 min

Lab File: VD072351.D
 Acq: 21 Mar 2022 20:23

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 50.7

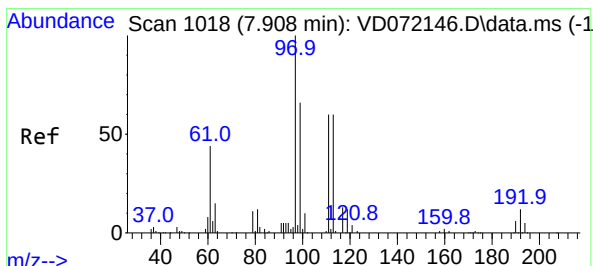
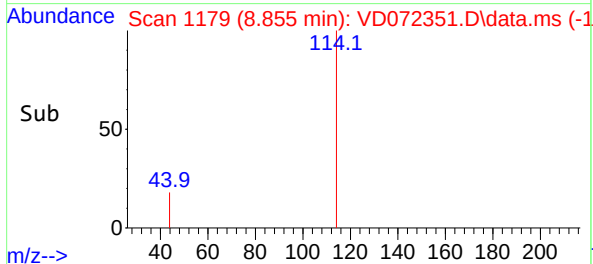
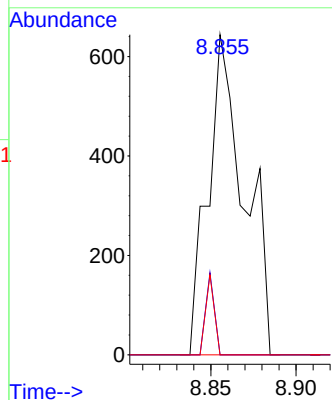
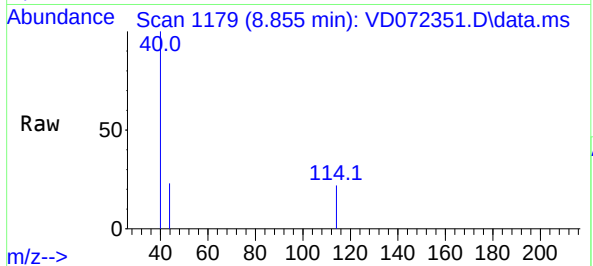




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD072351.D
Acq: 21 Mar 2022 20:23

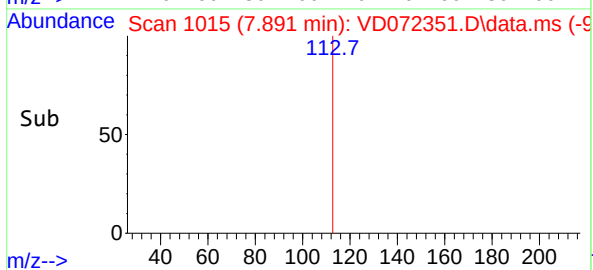
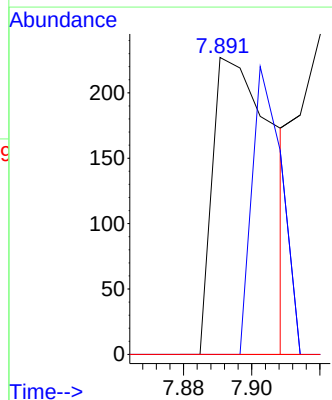
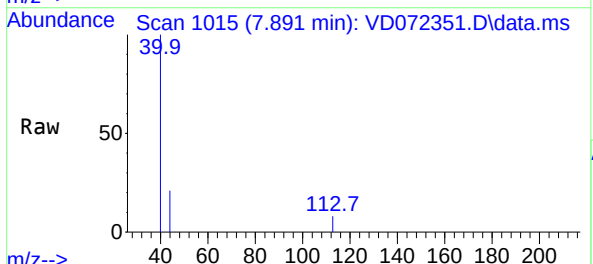
Instrument :
MSVOA_D
ClientSampleId :
G-2-11-23-24

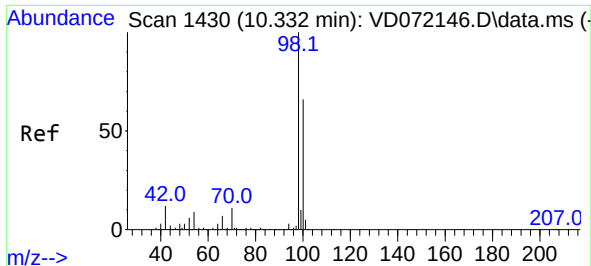
Tgt Ion:	114	Resp:	958
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	46.6
88	0.0	0.0	33.2



#35
Dibromofluoromethane
Concen: 41.979 ug/l
RT: 7.891 min Scan# 1015
Delta R.T. -0.018 min
Lab File: VD072351.D
Acq: 21 Mar 2022 20:23

Tgt Ion:	113	Resp:	283
Ion	Ratio	Lower	Upper
113	100		
111	47.0	83.8	125.6#
192	0.0	14.6	21.8#

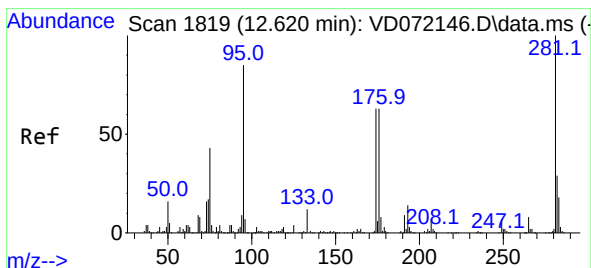
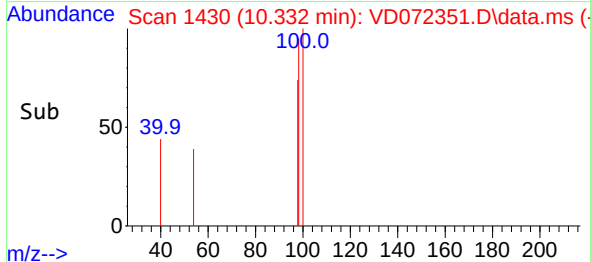
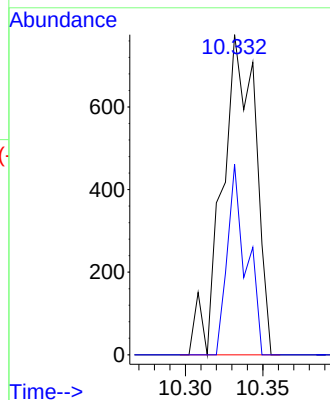
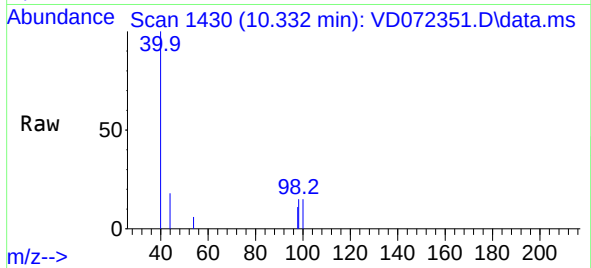




#50
Toluene-d8
Concen: 46.977 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072351.D
Acq: 21 Mar 2022 20:23

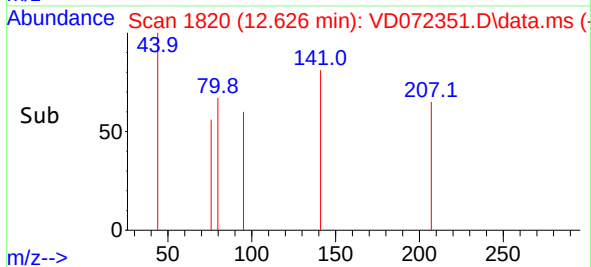
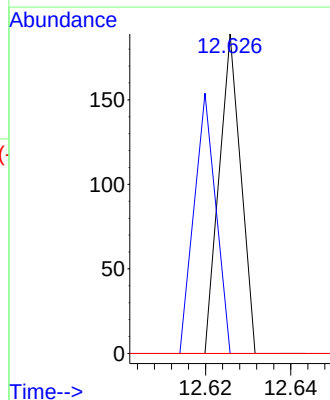
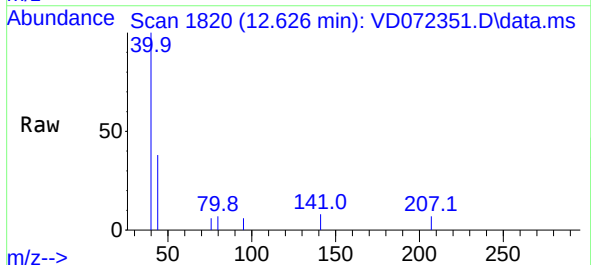
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MSVOA_D
ClientSampleId :
G-2-11-23-24

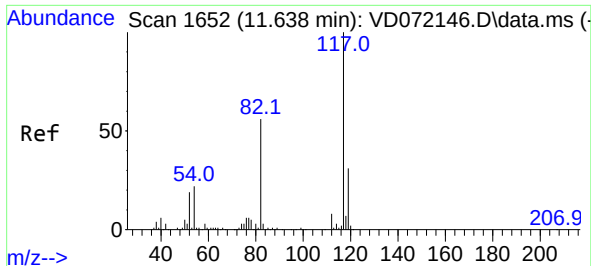
Tgt Ion: 98 Resp: 1158
Ion Ratio Lower Upper
98 100
100 33.7 52.4 78.6#



#62
4-Bromofluorobenzene
Concen: 6.995 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072351.D
Acq: 21 Mar 2022 20:23

Tgt Ion: 95 Resp: 67
Ion Ratio Lower Upper
95 100
174 80.6 0.0 152.8
176 0.0 0.0 145.4

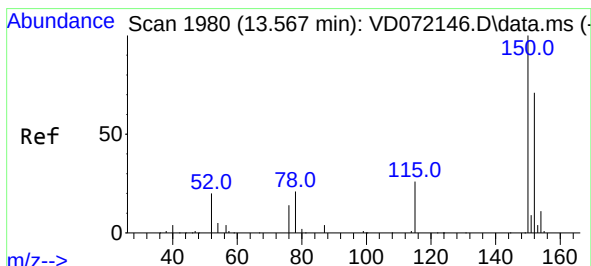
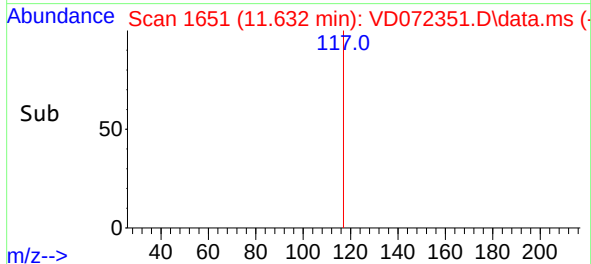
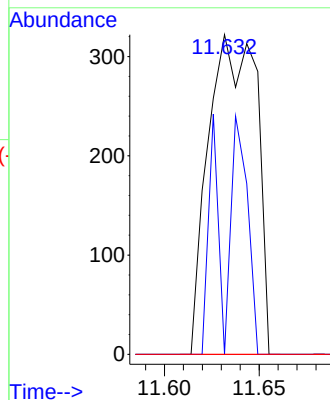
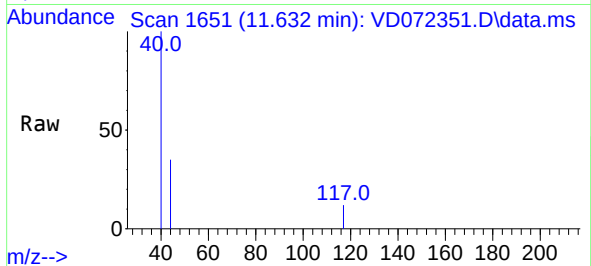




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072351.D
Acq: 21 Mar 2022 20:23

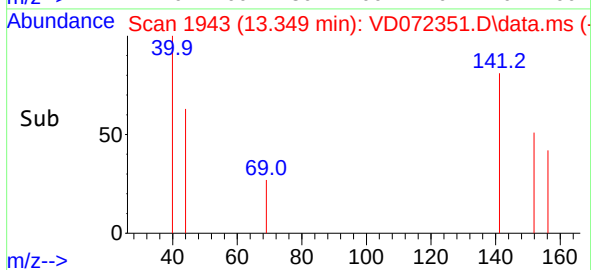
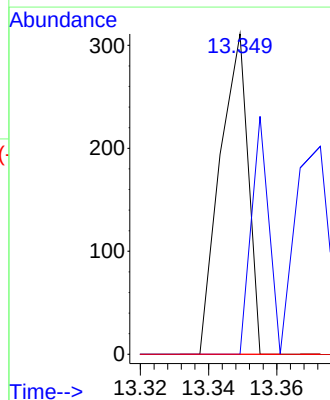
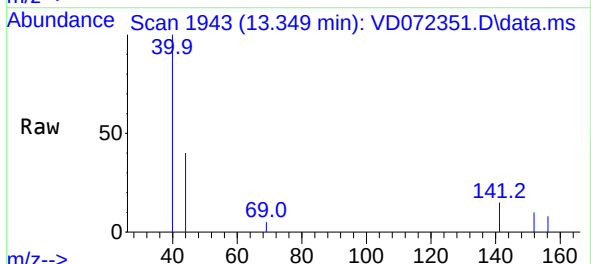
Instrument :
MSVOA_D
ClientSampleId :
G-2-11-23-24

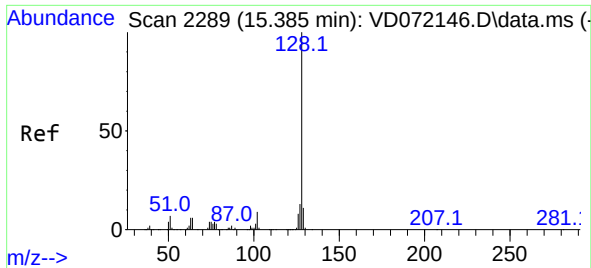
Tgt Ion:	117	Resp:	569
Ion	Ratio	Lower	Upper
117	100		
82	0.0	45.3	67.9#
119	0.0	26.6	40.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.349 min Scan# 1943
Delta R.T. -0.218 min
Lab File: VD072351.D
Acq: 21 Mar 2022 20:23

Tgt Ion:	152	Resp:	178
Ion	Ratio	Lower	Upper
152	100		
115	46.1	31.3	93.8
150	0.0	0.0	348.6





#95
Naphthalene
Concen: 24.167 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD072351.D
Acq: 21 Mar 2022 20:23

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:	128	Resp:	160
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

