

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071833.D
 Acq On : 28 Jan 2022 19:33
 Operator : VA/SY
 Sample : N1314-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-012722

Quant Time: Jan 29 04:53:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	8317	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	13142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	12065	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	5591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	8060	76.672	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.340%
35) Dibromofluoromethane	7.914	113	3681	42.611	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.220%
50) Toluene-d8	10.332	98	13935	43.193	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.380%
62) 4-Bromofluorobenzene	12.620	95	5334	47.344	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.680%

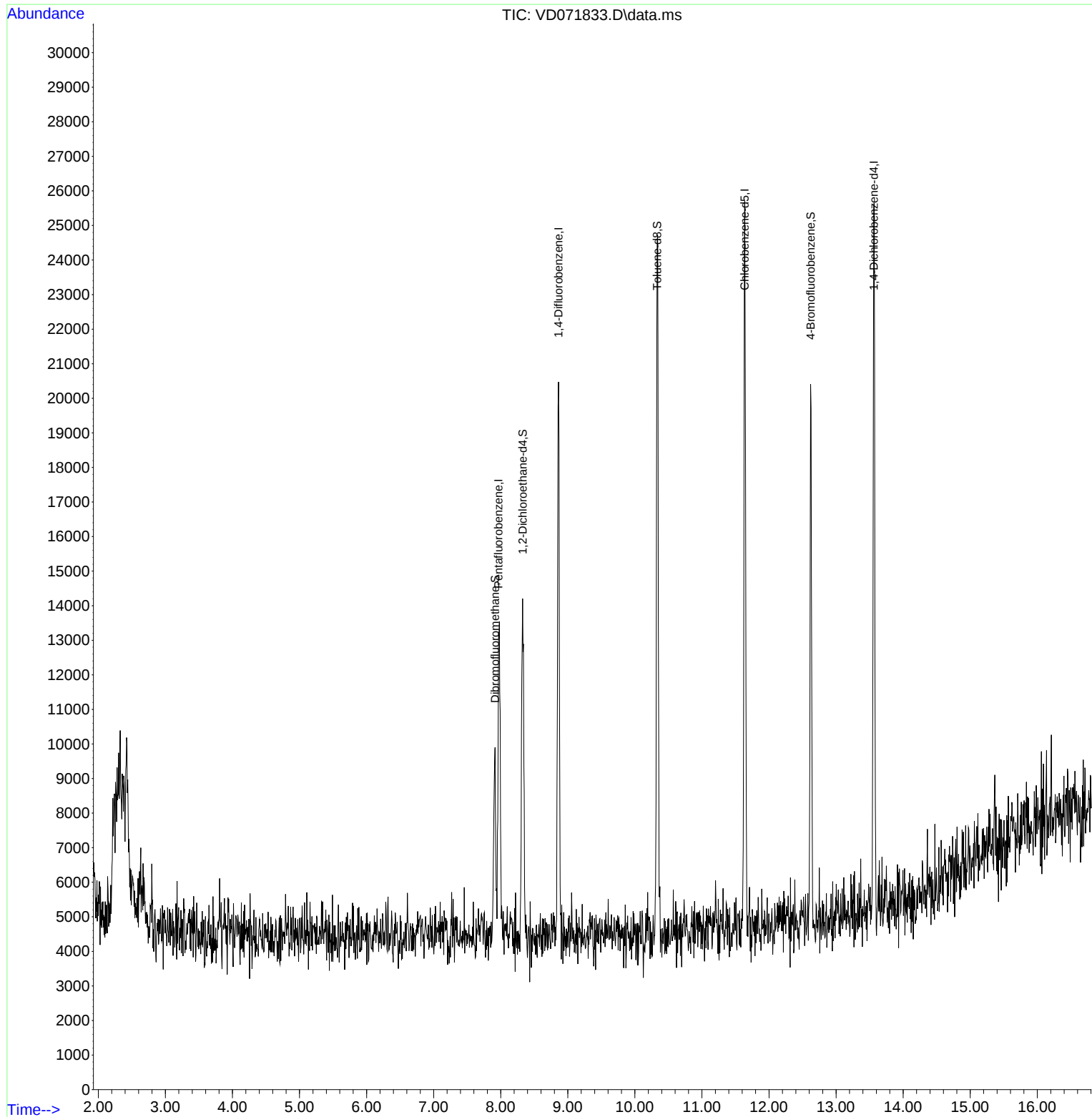
Target Compounds	Qvalue

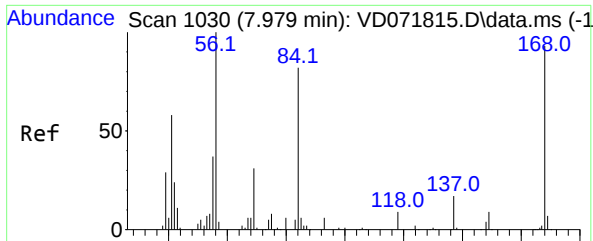
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD071833.D

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MSVOA_D

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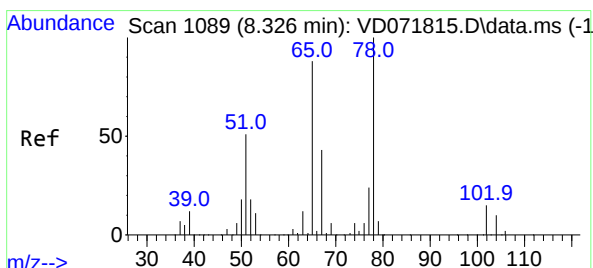
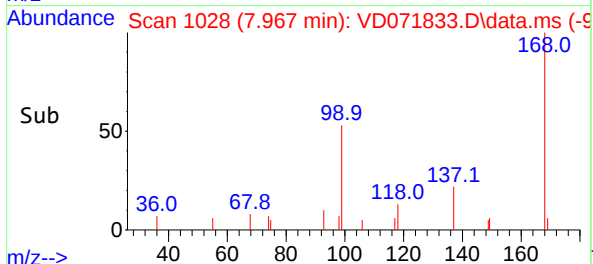
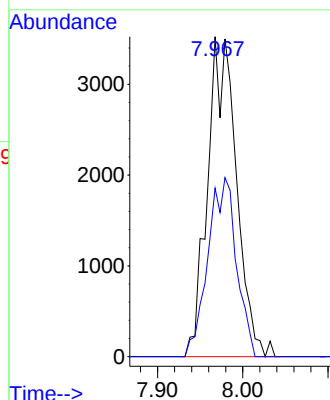
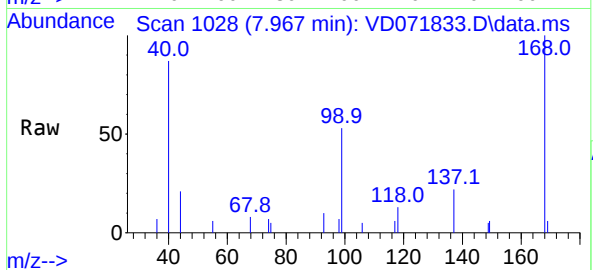
CL-01-012722

Tgt Ion:168 Resp: 8317

Ion Ratio Lower Upper

168 100

99 52.7 49.8 74.6



1,2-Dichloroethane-d4

Concen: 76.672 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071833.D

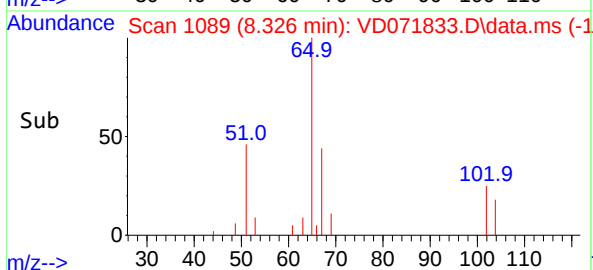
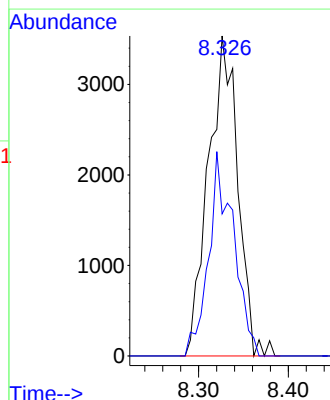
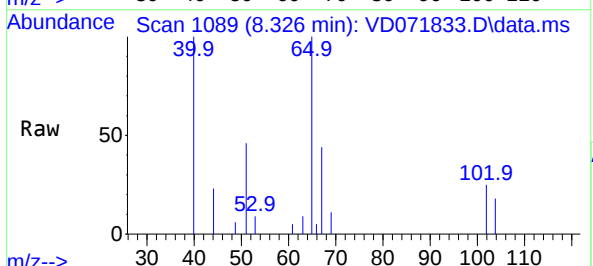
Acq: 28 Jan 2022 19:33

Tgt Ion: 65 Resp: 8060

Ion Ratio Lower Upper

65 100

67 54.0 0.0 101.4

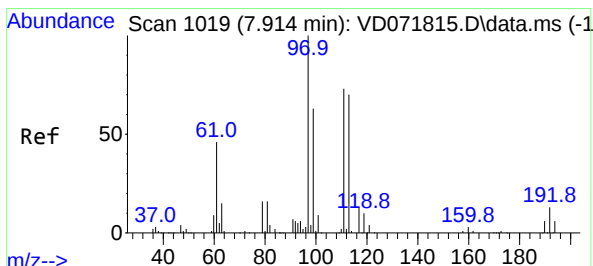
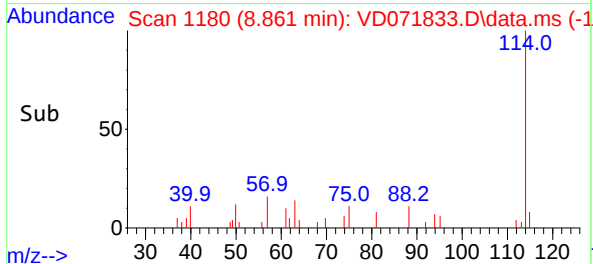
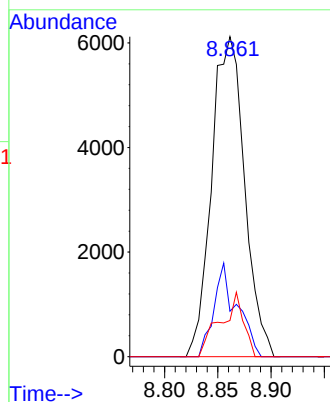
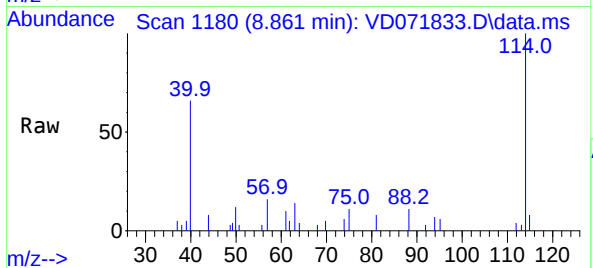




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071833.D
Acq: 28 Jan 2022 19:33

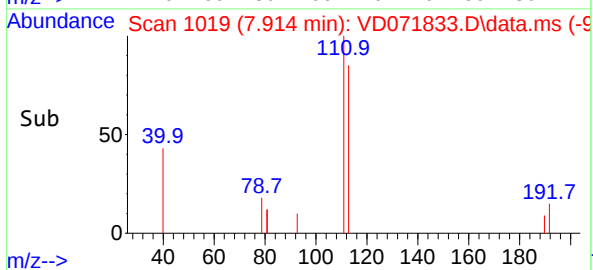
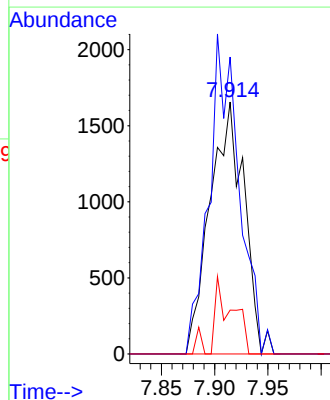
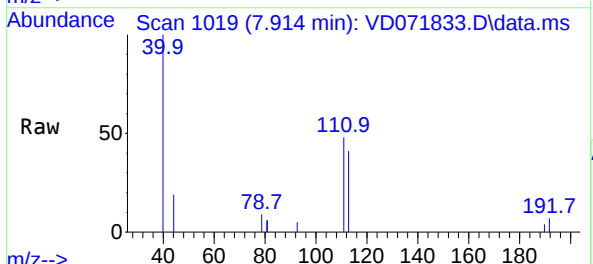
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CL-01-012722

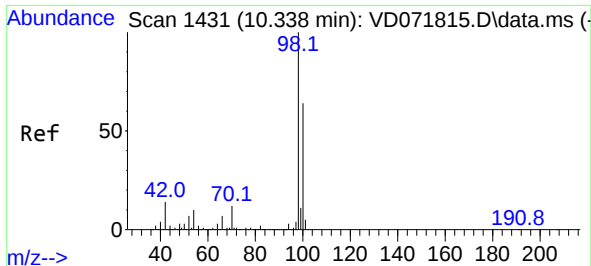
Tgt Ion:114	Resp:	13142
Ion Ratio	Lower	Upper
114	100	
63	14.2	0.0 46.6
88	11.3	0.0 33.2



#35
Dibromofluoromethane
Concen: 42.611 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071833.D
Acq: 28 Jan 2022 19:33

Tgt Ion:113	Resp:	3681
Ion Ratio	Lower	Upper
113	100	
111	111.9	83.8 125.6
192	17.0	14.6 21.8

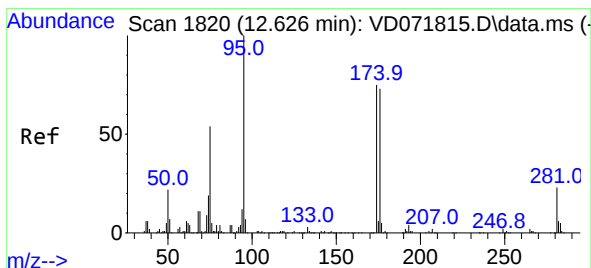
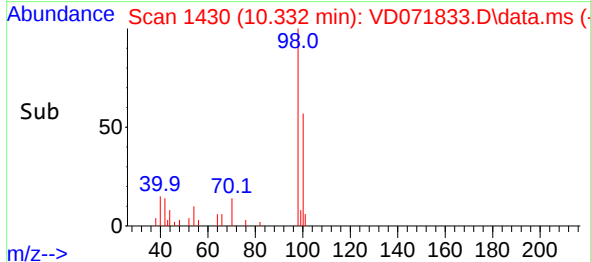
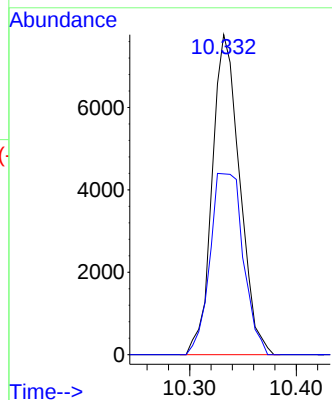
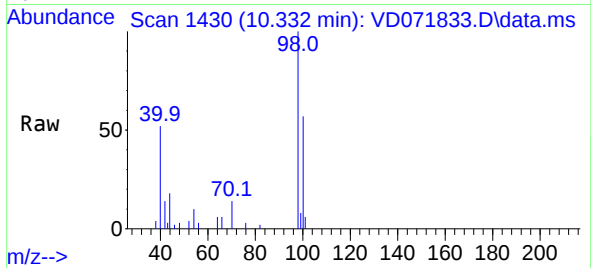




#50
Toluene-d8
Concen: 43.193 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071833.D
Acq: 28 Jan 2022 19:33

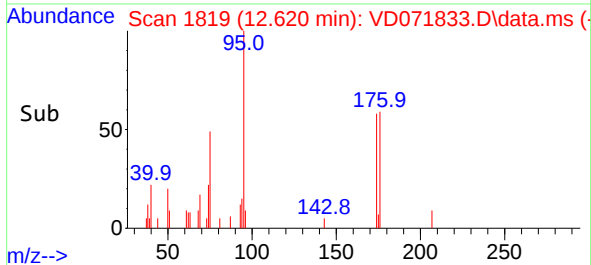
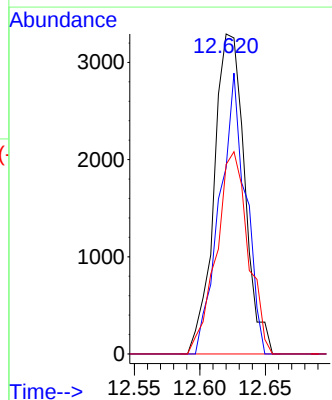
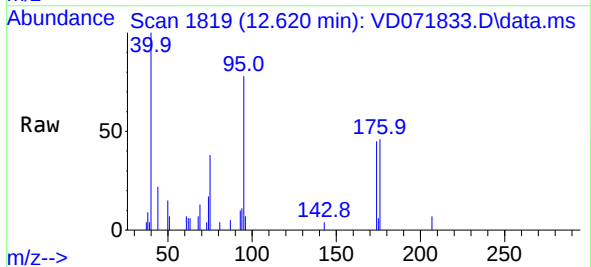
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CL-01-012722

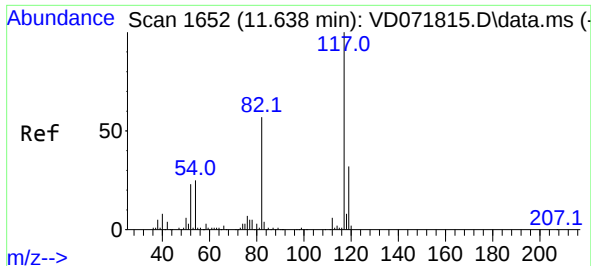
Tgt Ion: 98 Resp: 13935
Ion Ratio Lower Upper
98 100
100 68.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.344 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071833.D
Acq: 28 Jan 2022 19:33

Tgt Ion: 95 Resp: 5334
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.8
176 65.8 0.0 145.4

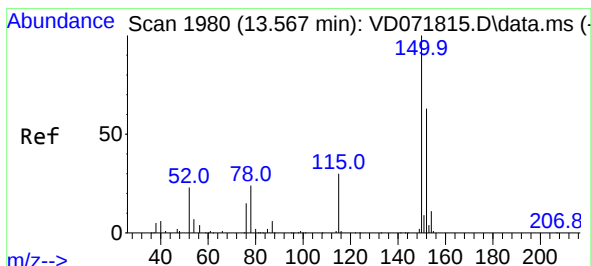
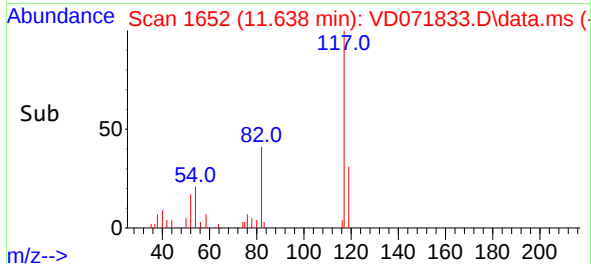
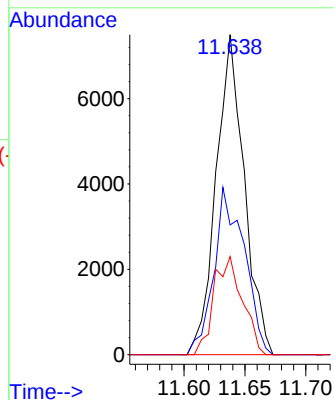
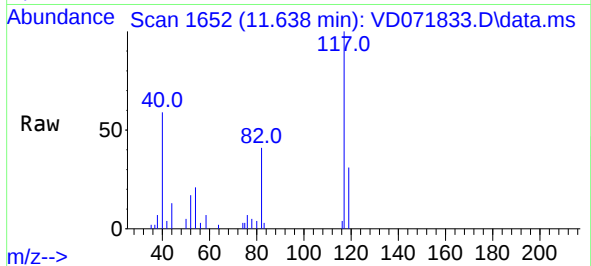




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD071833.D
Acq: 28 Jan 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :
CL-01-012722

Tgt Ion:	117	Resp:	12065
Ion	Ratio	Lower	Upper
117	100		
82	40.5	45.3	67.9#
119	30.7	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071833.D
Acq: 28 Jan 2022 19:33

Tgt Ion:	152	Resp:	5591
Ion	Ratio	Lower	Upper
152	100		
115	51.6	31.3	93.8
150	156.7	0.0	348.6

