

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020422\
 Data File : VD071900.D
 Acq On : 04 Feb 2022 15:55
 Operator : VA/SY
 Sample : N1397-02
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KTS1-MH-02-3-4

Quant Time: Feb 07 04:20:23 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	7.985	168	9327	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	15836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	13669	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	4766	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	9529	80.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 161.660%	
35) Dibromofluoromethane	7.909	113	5450	52.356	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.720%	
50) Toluene-d8	10.338	98	18780	48.308	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.620%	
62) 4-Bromofluorobenzene	12.620	95	5320	39.187	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.380%	

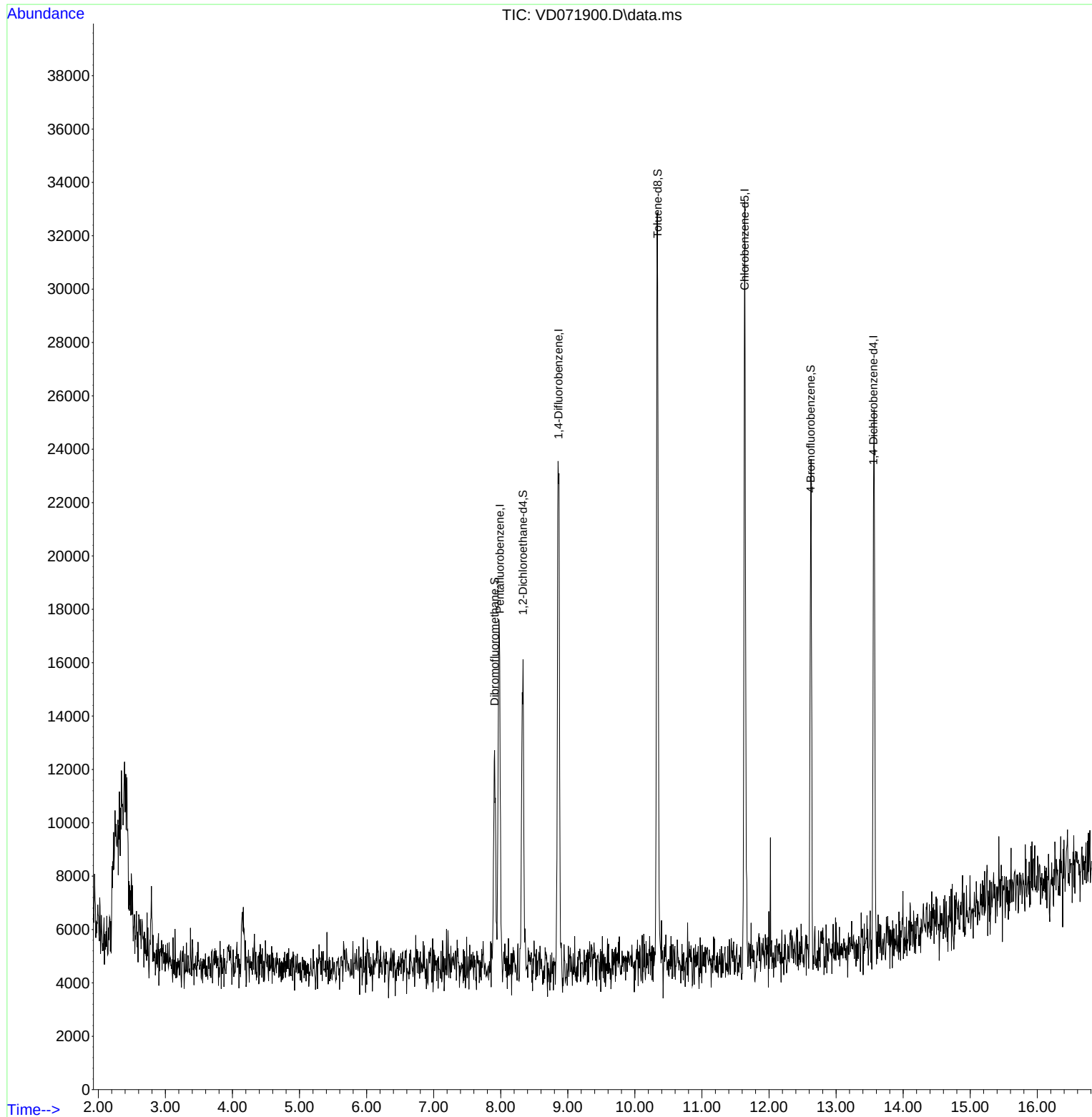
Target Compounds Qvalue

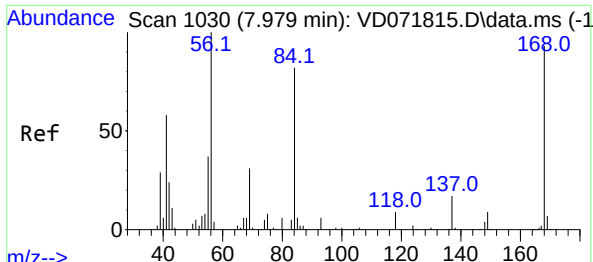
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.985 min Scan# 1030

Delta R.T. 0.006 min

Lab File: VD071900.D

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ClientSampleId :

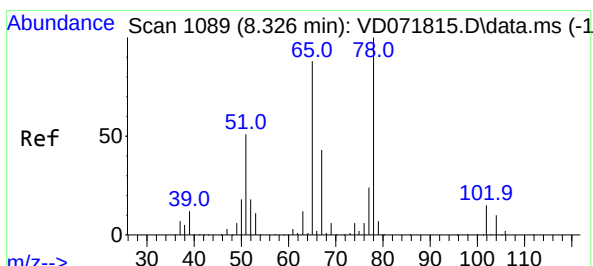
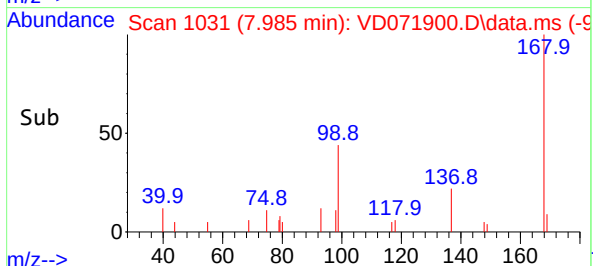
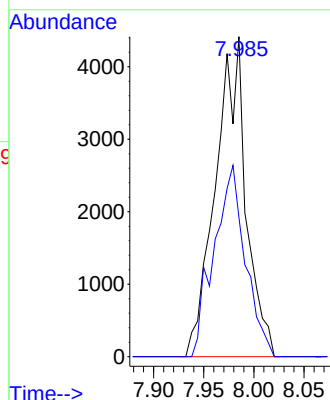
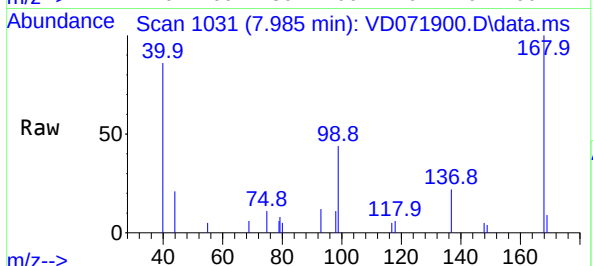
KTS1-MH-02-3-4

Tgt Ion:168 Resp: 9327

Ion Ratio Lower Upper

168 100

99 43.6 49.8 74.6#



1,2-Dichloroethane-d4

Concen: 80.831 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071900.D

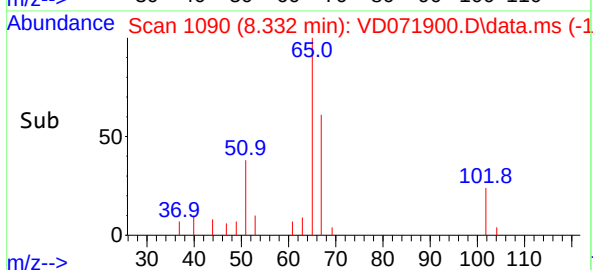
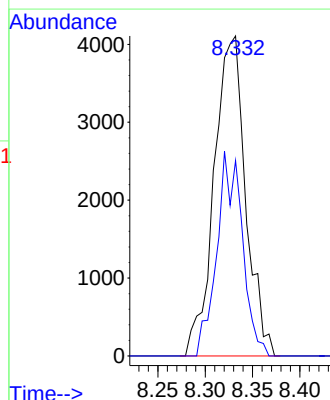
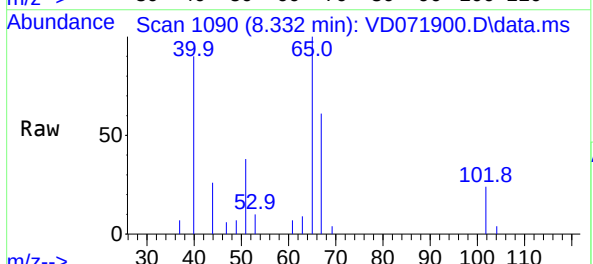
Acq: 04 Feb 2022 15:55

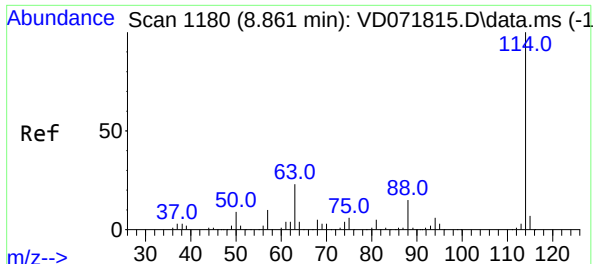
Tgt Ion: 65 Resp: 9529

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.4

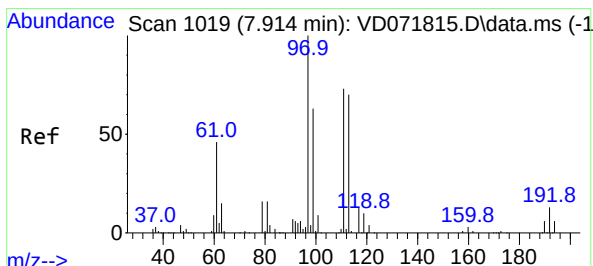
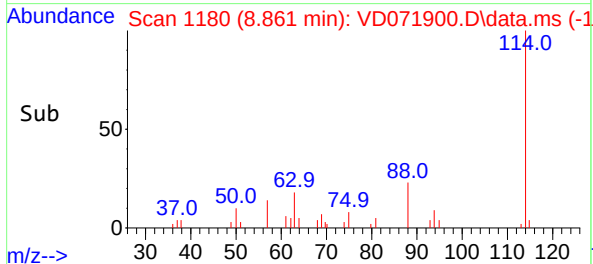
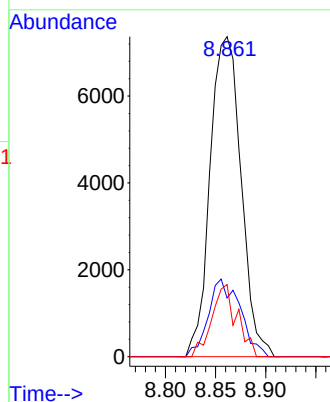
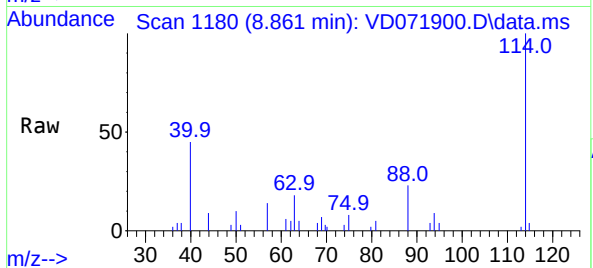




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071900.D
Acq: 04 Feb 2022 15:55

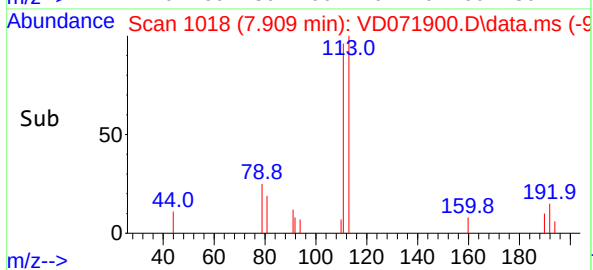
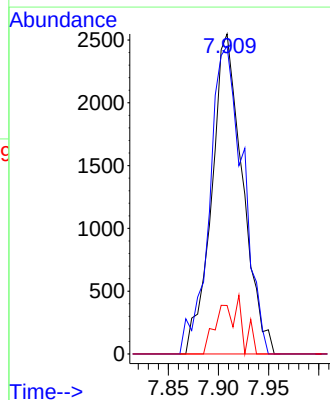
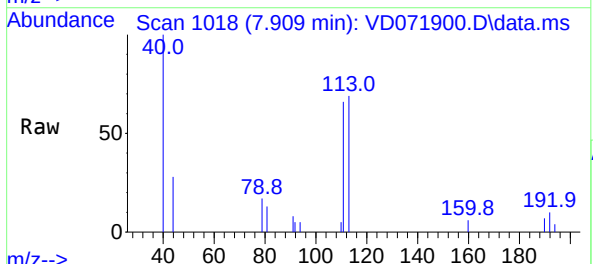
Instrument :
MSVOA_D
ClientSampleId :
KTS1-MH-02-3-4

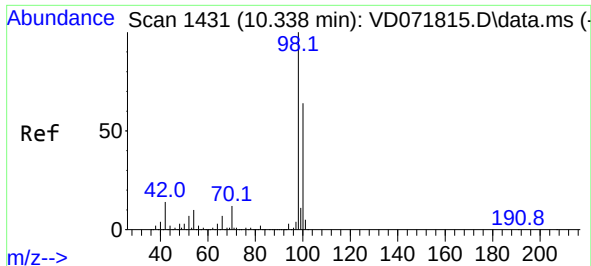
Tgt Ion:	114	Resp:	15836
Ion Ratio	Lower	Upper	
114	100		
63	18.3	0.0	46.6
88	22.5	0.0	33.2



#35
Dibromofluoromethane
Concen: 52.356 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD071900.D
Acq: 04 Feb 2022 15:55

Tgt Ion:	113	Resp:	5450
Ion Ratio	Lower	Upper	
113	100		
111	104.6	83.8	125.6
192	13.8	14.6	21.8

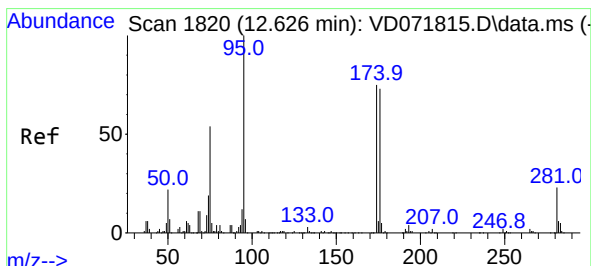
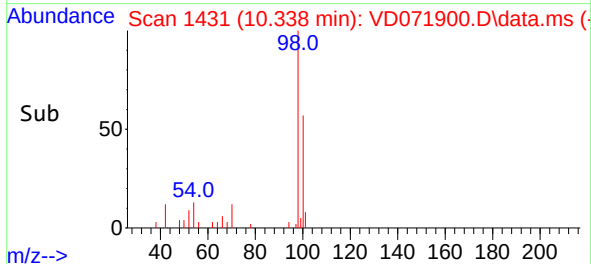
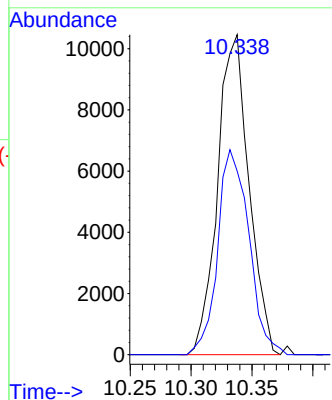
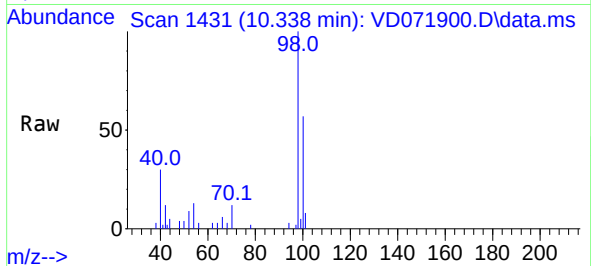




#50
Toluene-d8
Concen: 48.308 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071900.D
Acq: 04 Feb 2022 15:55

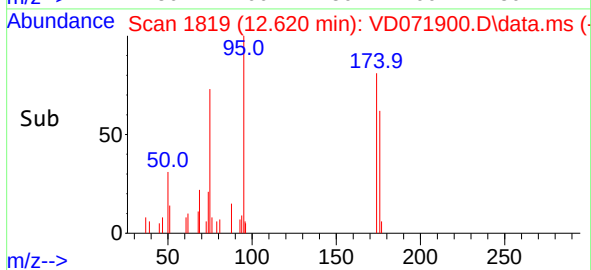
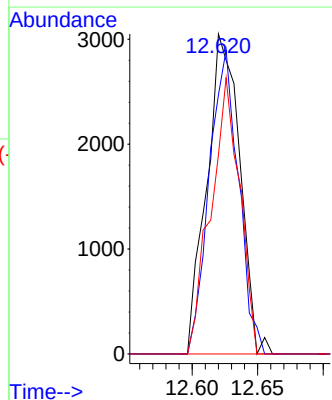
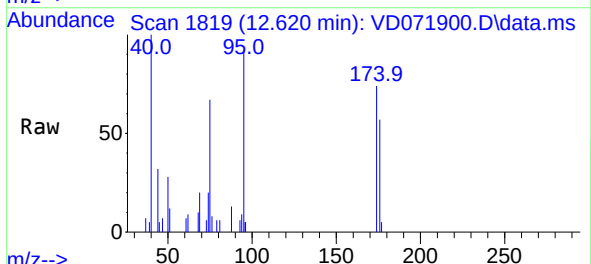
Instrument :
MSVOA_D
ClientSampleId :
KTS1-MH-02-3-4

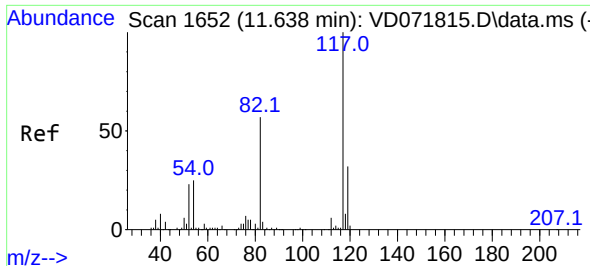
Tgt Ion: 98 Resp: 18780
Ion Ratio Lower Upper
98 100
100 63.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 39.187 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071900.D
Acq: 04 Feb 2022 15:55

Tgt Ion: 95 Resp: 5320
Ion Ratio Lower Upper
95 100
174 84.6 0.0 152.8
176 75.7 0.0 145.4

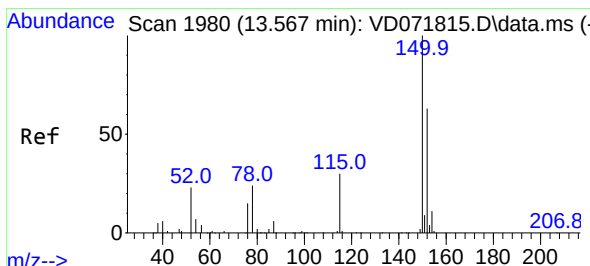
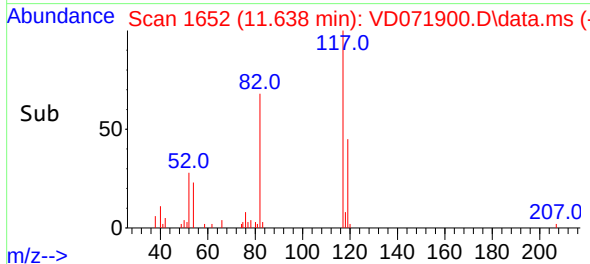
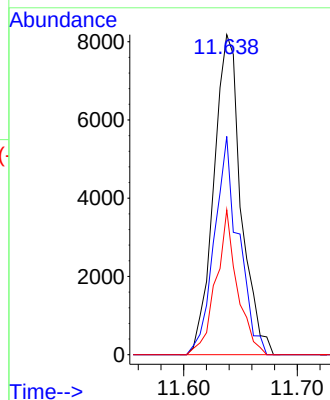
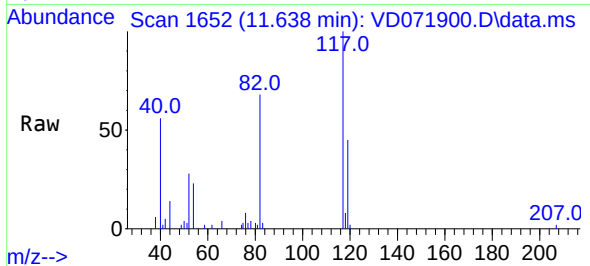




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071900.D
Acq: 04 Feb 2022 15:55

Instrument :
MSVOA_D
ClientSampleId :
KTS1-MH-02-3-4

Tgt Ion:	117	Resp:	13669
Ion	Ratio	Lower	Upper
117	100		
82	68.2	45.3	67.9#
119	45.2	26.6	40.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.012 min
Lab File: VD071900.D
Acq: 04 Feb 2022 15:55

Tgt Ion:	152	Resp:	4766
Ion	Ratio	Lower	Upper
152	100		
115	71.5	31.3	93.8
150	162.1	0.0	348.6

