

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
 Data File : VD072073.D
 Acq On : 23 Feb 2022 14:38
 Operator : VA/SY
 Sample : N1598-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-1

Quant Time: Feb 24 06:46:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	551953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	928091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	887721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	413219	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	256059	44.723	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.440%
35) Dibromofluoromethane	7.908	113	288595	51.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.640%
50) Toluene-d8	10.332	98	1150616	55.179	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.360%
62) 4-Bromofluorobenzene	12.620	95	406362	53.052	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.100%

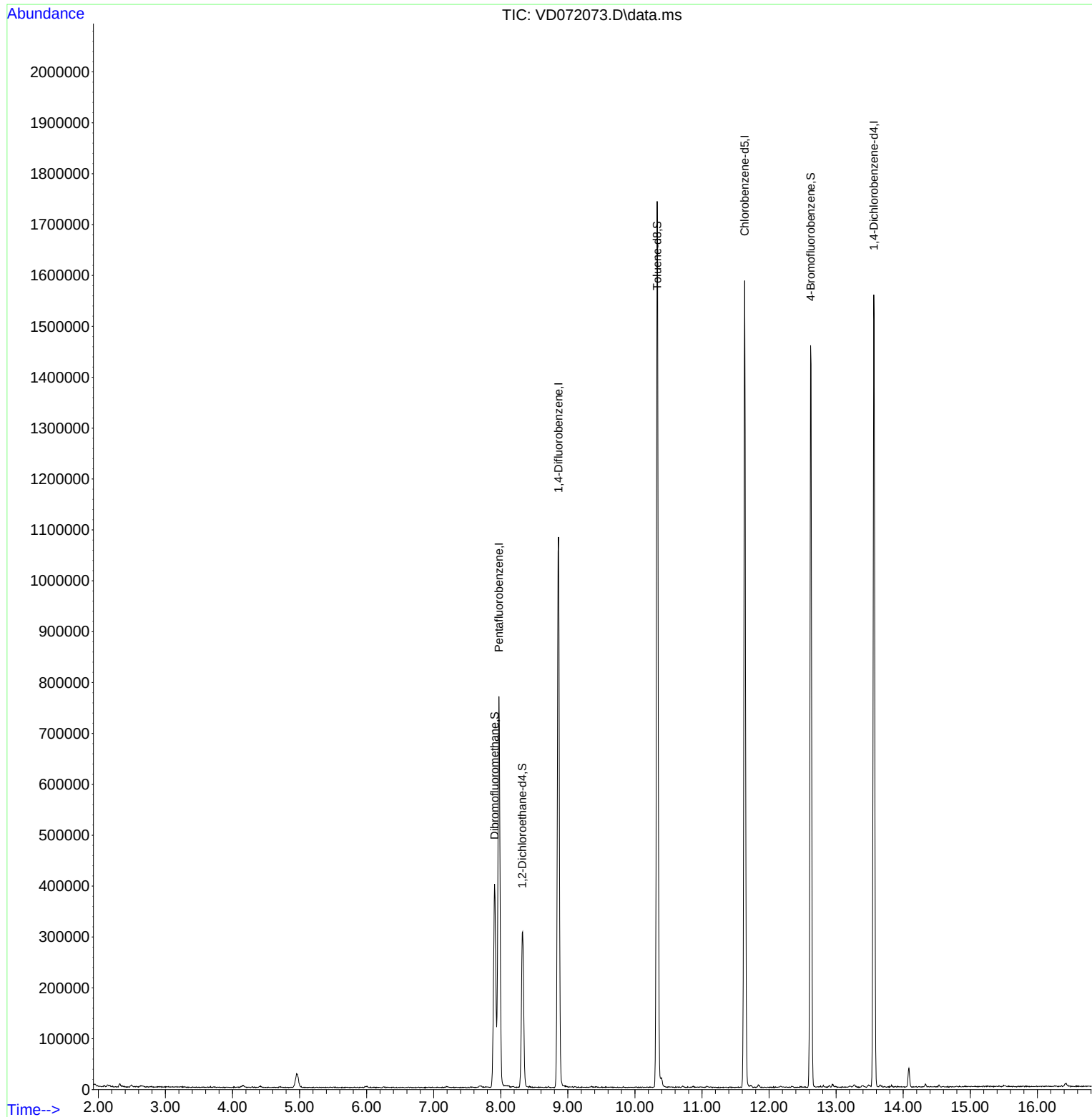
Target Compounds	Qvalue

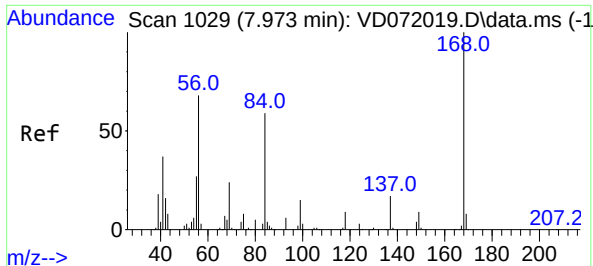
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD072073.D

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Instrument :

MSVOA_D

ClientSampleId :

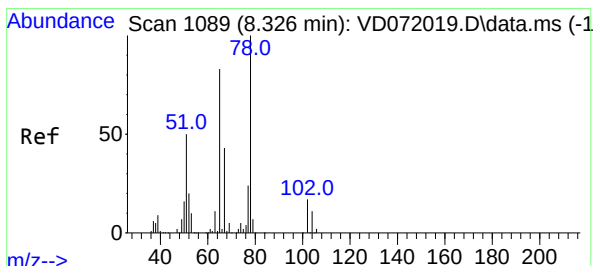
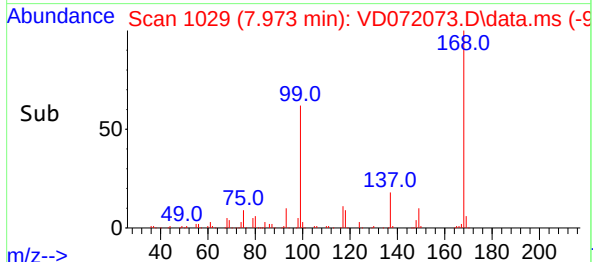
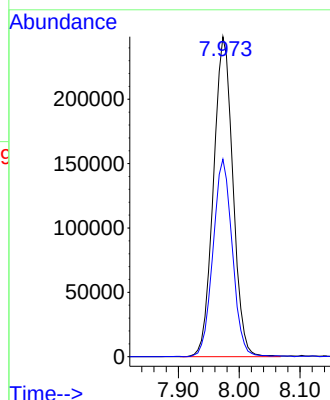
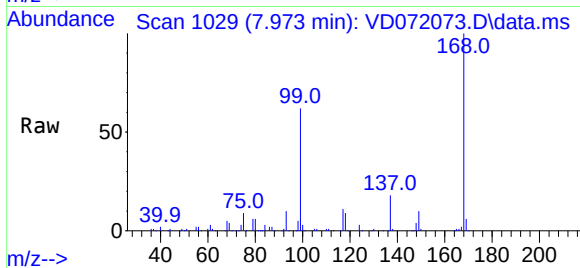
GS-1

Tgt Ion:168 Resp: 551953

Ion Ratio Lower Upper

168 100

99 61.6 47.1 70.7



1,2-Dichloroethane-d4

Concen: 44.723 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD072073.D

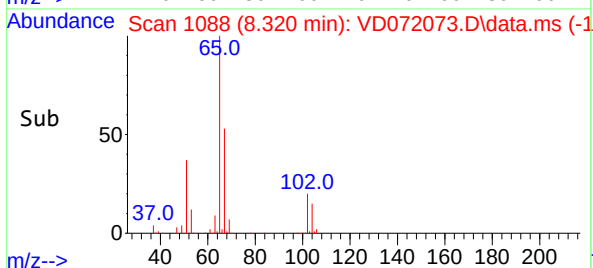
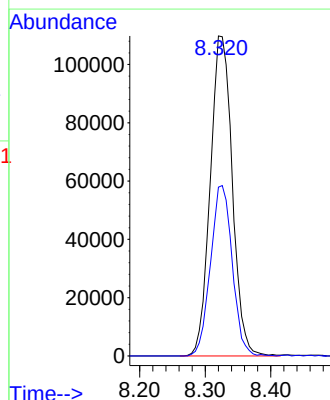
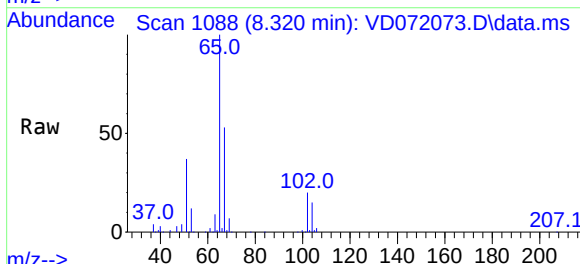
Acq: 23 Feb 2022 14:38

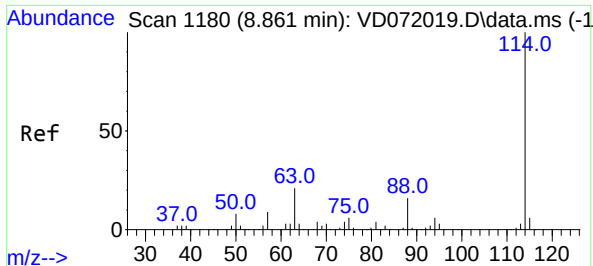
Tgt Ion: 65 Resp: 256059

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.6

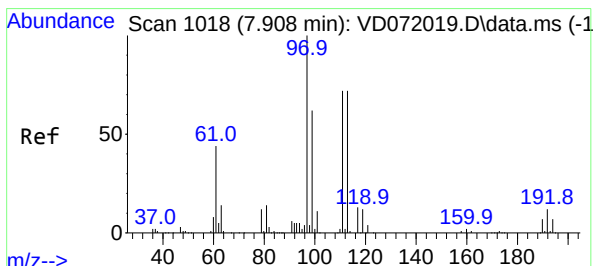
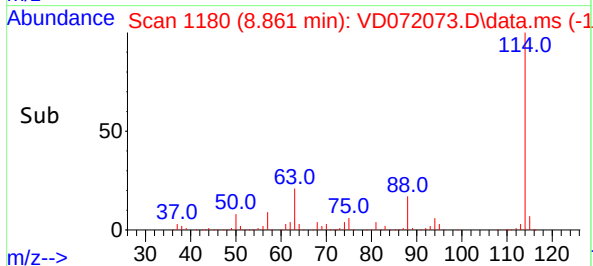
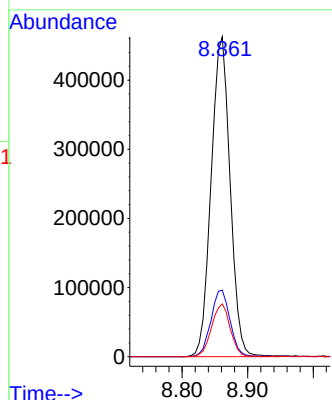
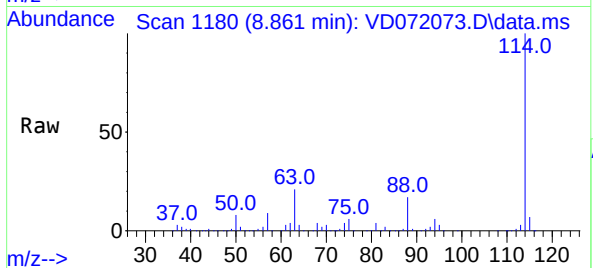




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

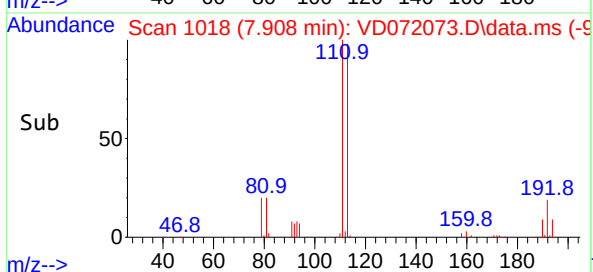
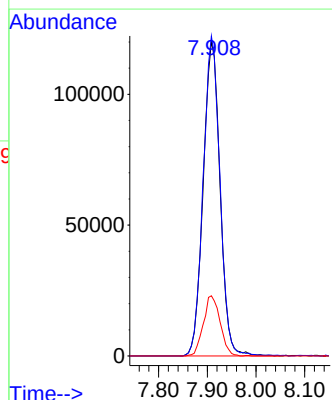
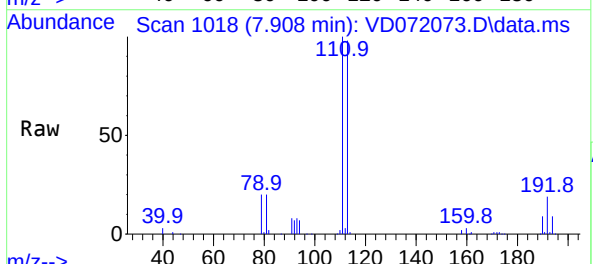
Instrument :
MSVOA_D
ClientSampleId :
GS-1

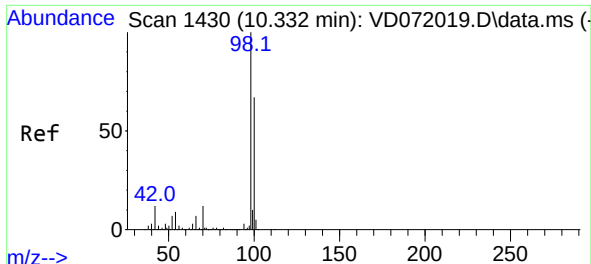
Tgt Ion:114 Resp: 928091
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.2
88 16.5 0.0 31.2



#35
Dibromofluoromethane
Concen: 51.324 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

Tgt Ion:113 Resp: 288595
Ion Ratio Lower Upper
113 100
111 101.0 83.0 124.4
192 19.0 15.3 22.9

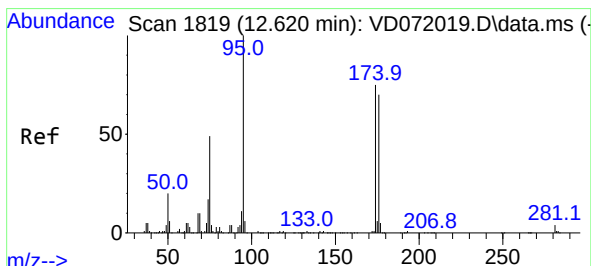
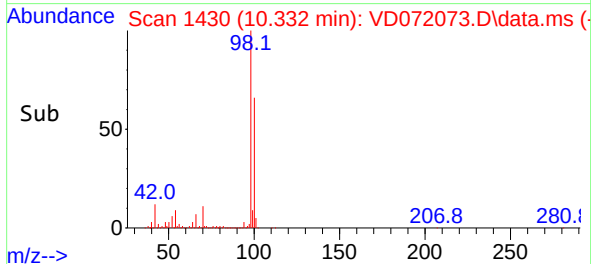
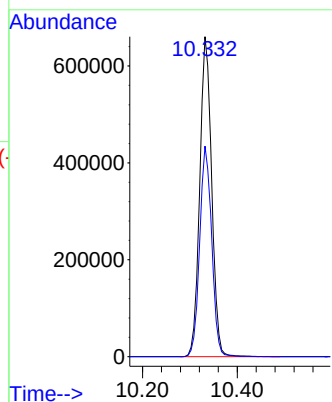
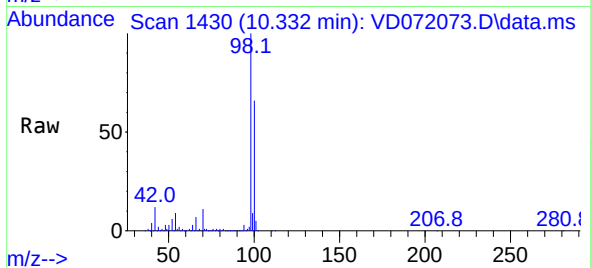




#50
Toluene-d8
Concen: 55.179 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

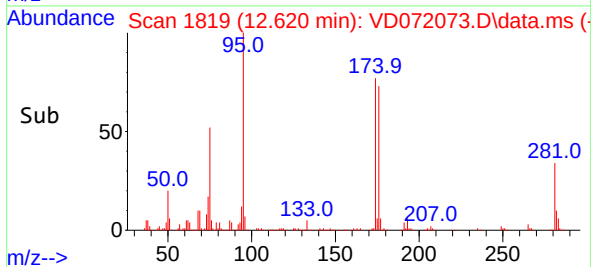
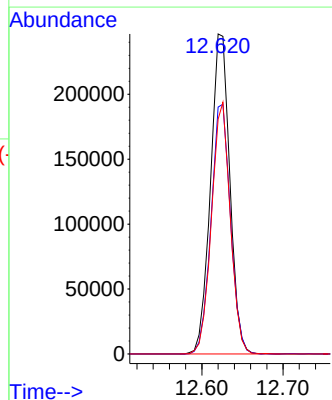
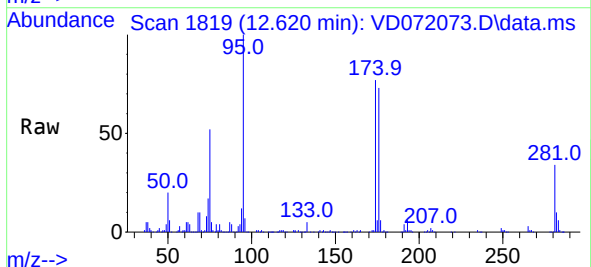
Instrument :
MSVOA_D
ClientSampleId :
GS-1

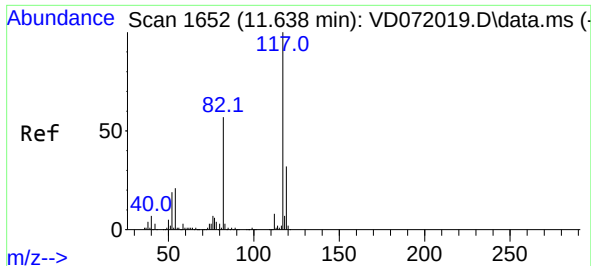
Tgt Ion: 98 Resp: 1150616
Ion Ratio Lower Upper
98 100
100 66.2 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 53.052 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

Tgt Ion: 95 Resp: 406362
Ion Ratio Lower Upper
95 100
174 78.4 0.0 155.0
176 76.5 0.0 148.8

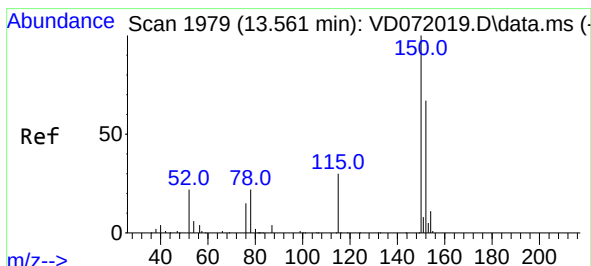
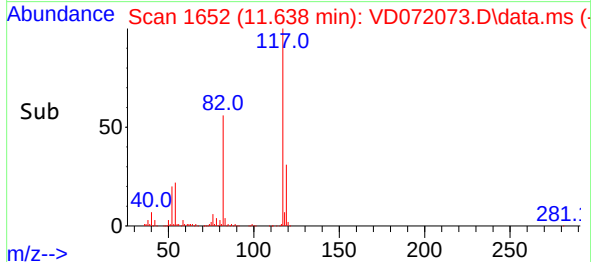
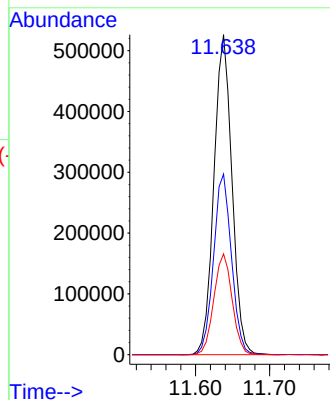
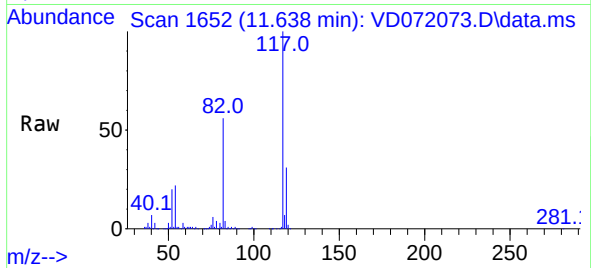




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

Instrument :
MSVOA_D
ClientSampleId :
GS-1

Tgt Ion:117 Resp: 887721
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.0
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

Tgt Ion:152 Resp: 413219
Ion Ratio Lower Upper
152 100
115 60.2 29.9 89.7
150 157.4 0.0 347.6

