

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042822\
 Data File : VD072726.D
 Acq On : 28 Apr 2022 15:52
 Operator : VA/SY
 Sample : N2602-04
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 12-20-SB2-BK-PRISON

Quant Time: Apr 29 01:23:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 27 16:01:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	45709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	87896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	92262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	39554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	46170	76.079	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.160%
35) Dibromofluoromethane	7.914	113	38425	65.645	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.300%
50) Toluene-d8	10.332	98	108128	51.240	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.480%
62) 4-Bromofluorobenzene	12.620	95	37257	46.813	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.620%

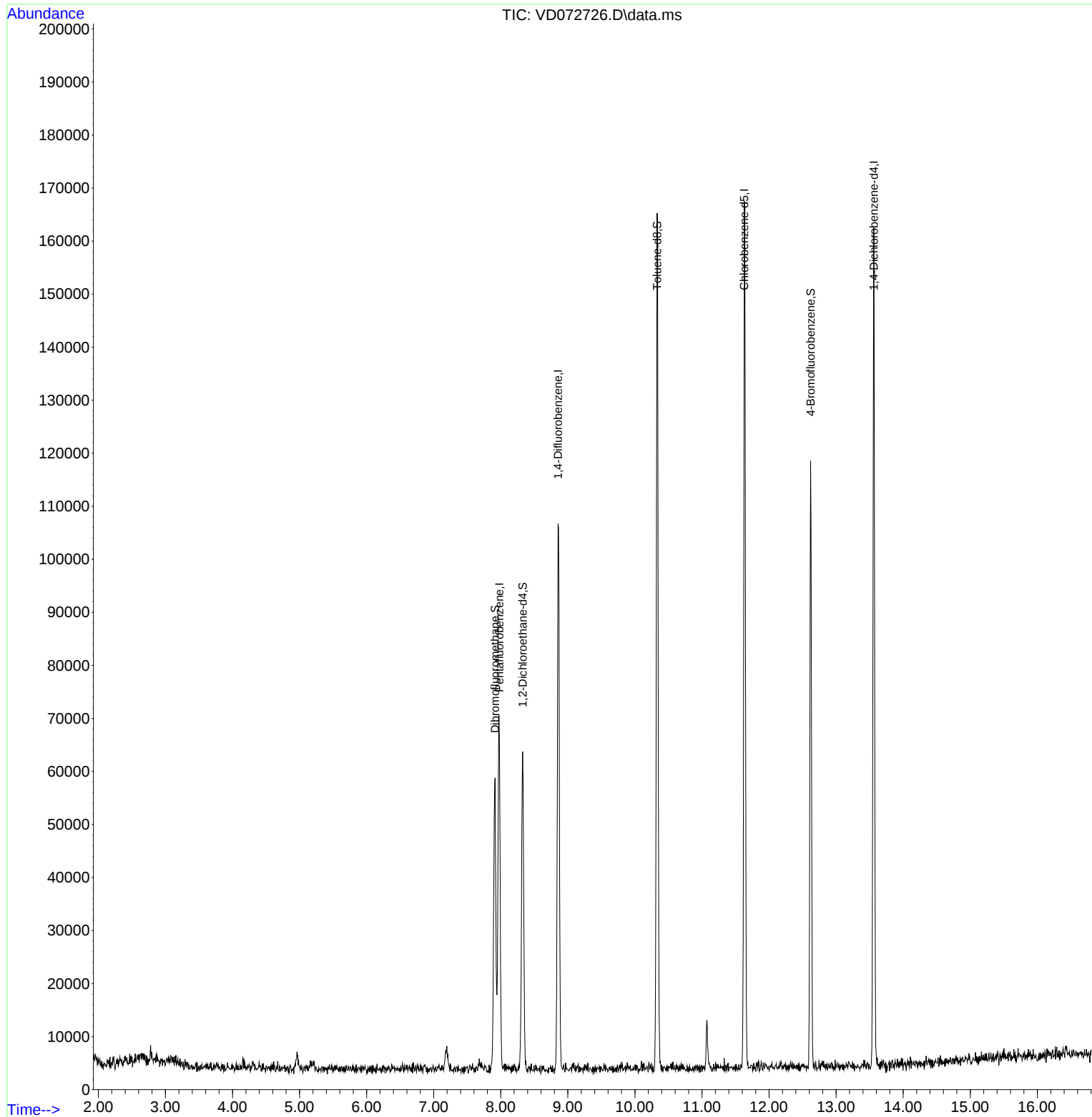
Target Compounds	Qvalue

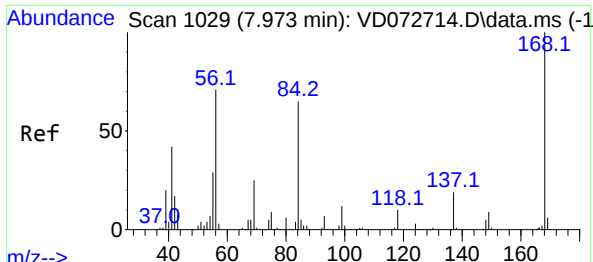
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

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Instrument :

MSVOA_D

ClientSampleId :

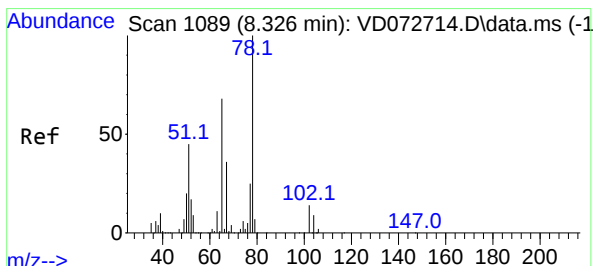
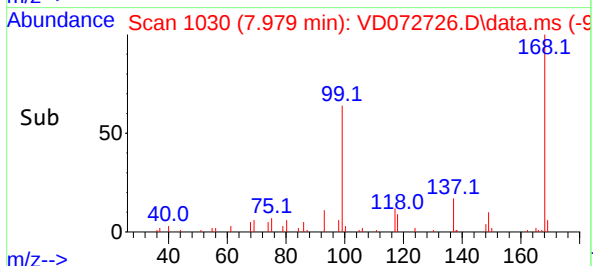
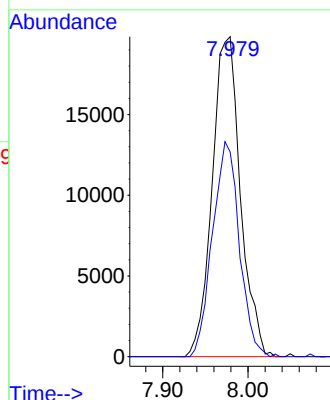
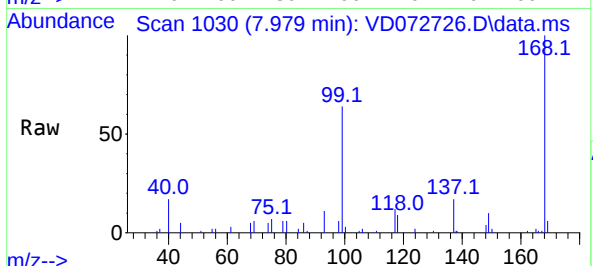
12-20-SB2-BK-PRISON

Tgt Ion:168 Resp: 45709

Ion Ratio Lower Upper

168 100

99 64.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 76.079 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072726.D

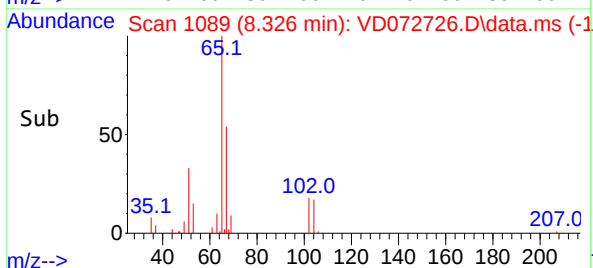
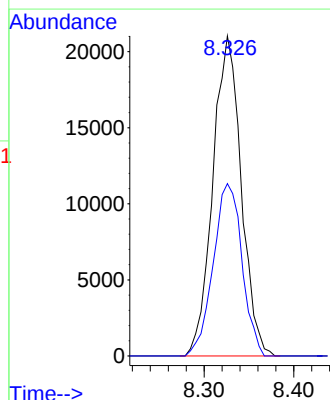
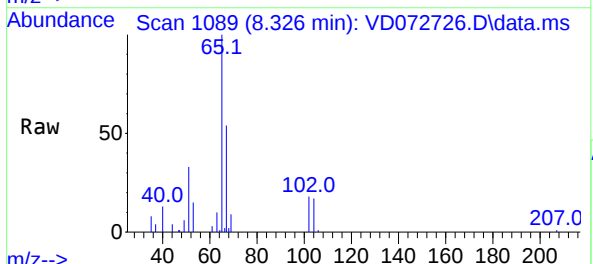
Acq: 28 Apr 2022 15:52

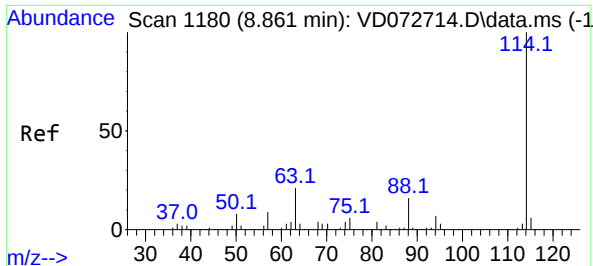
Tgt Ion: 65 Resp: 46170

Ion Ratio Lower Upper

65 100

67 54.6 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072726.D

Acq: 28 Apr 2022 15:52

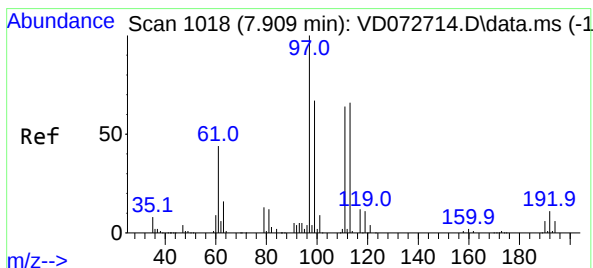
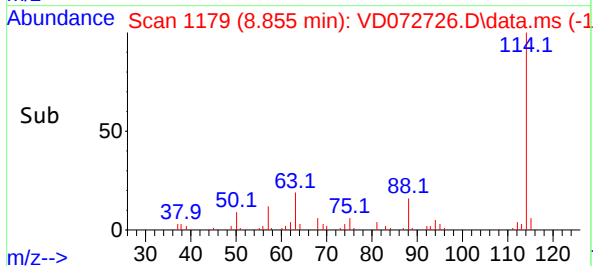
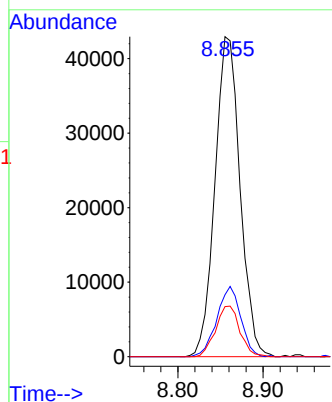
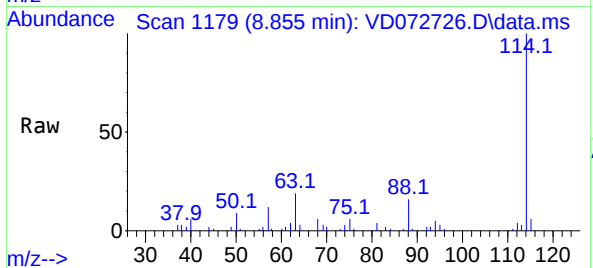
Instrument :

MSVOA_D

ClientSampleId :

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Tgt Ion:114	Resp:	87896
Ion Ratio	Lower	Upper
114	100	
63	19.4	0.0 46.6
88	15.7	0.0 33.2



#35

Dibromofluoromethane

Concen: 65.645 ug/l

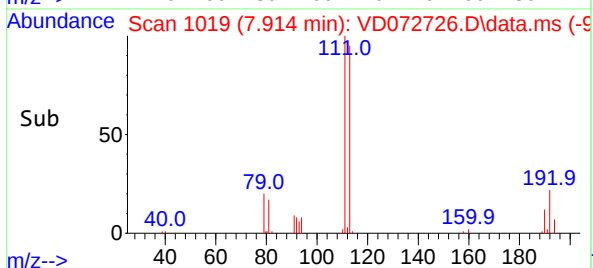
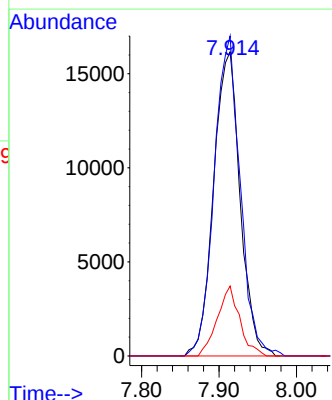
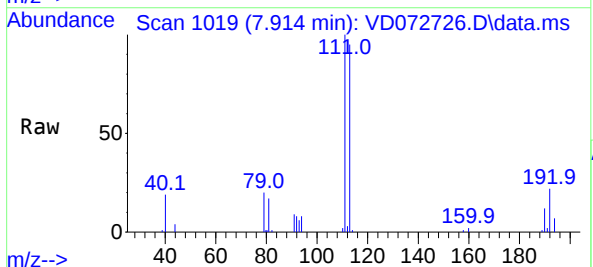
RT: 7.914 min Scan# 1019

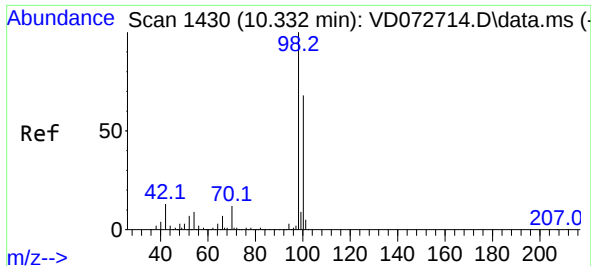
Delta R.T. 0.005 min

Lab File: VD072726.D

Acq: 28 Apr 2022 15:52

Tgt Ion:113	Resp:	38425
Ion Ratio	Lower	Upper
113	100	
111	103.1	83.8 125.6
192	19.4	14.6 21.8

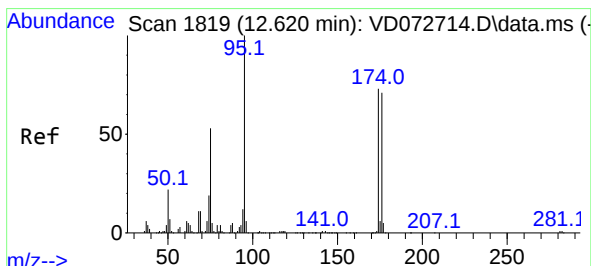
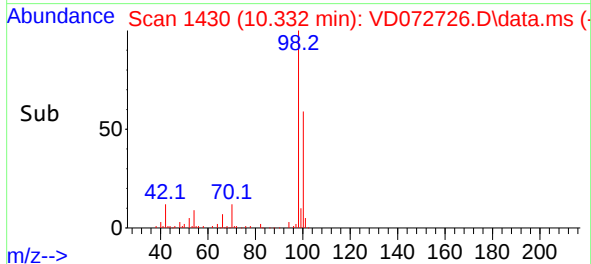
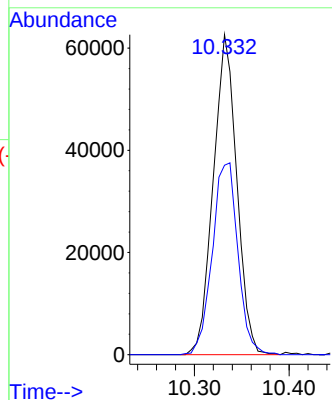
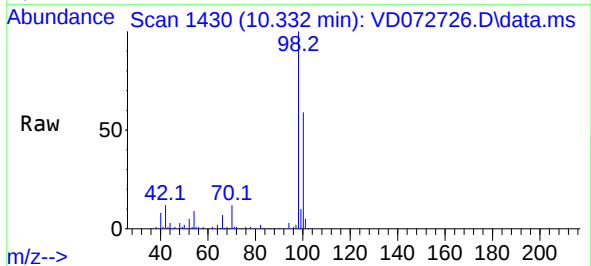




#50
Toluene-d8
Concen: 51.240 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072726.D
Acq: 28 Apr 2022 15:52

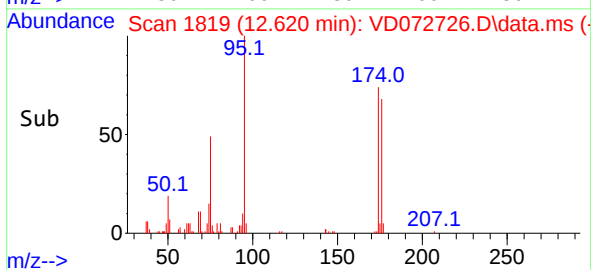
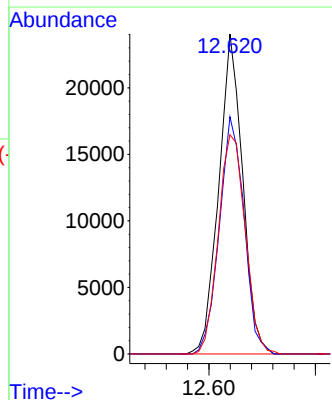
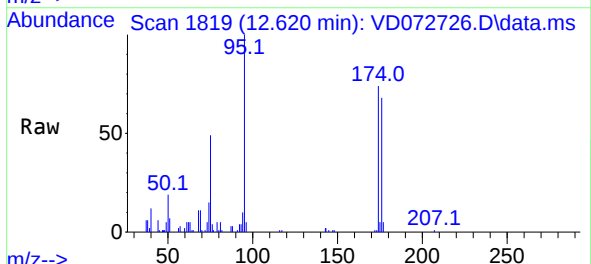
Instrument :
MSVOA_D
ClientSampleId :
12-20-SB2-BK-PRISON

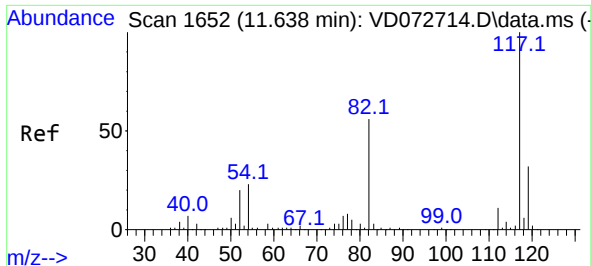
Tgt Ion: 98 Resp: 108128
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.813 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072726.D
Acq: 28 Apr 2022 15:52

Tgt Ion: 95 Resp: 37257
Ion Ratio Lower Upper
95 100
174 76.7 0.0 152.8
176 77.2 0.0 145.4

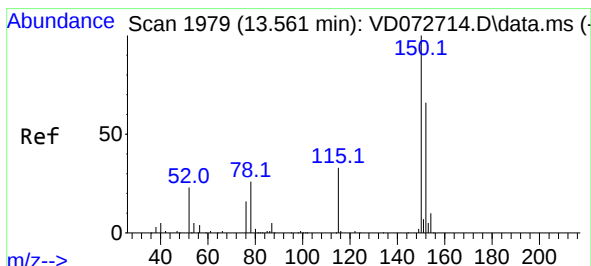
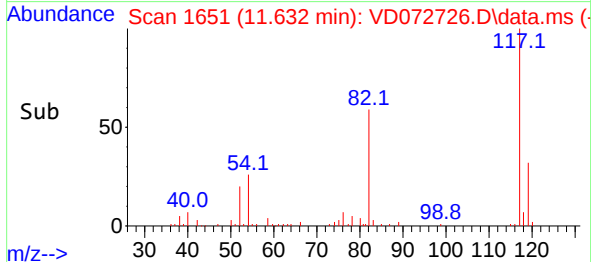
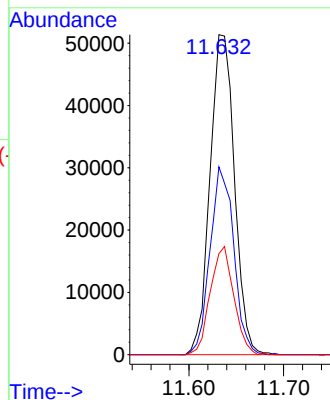
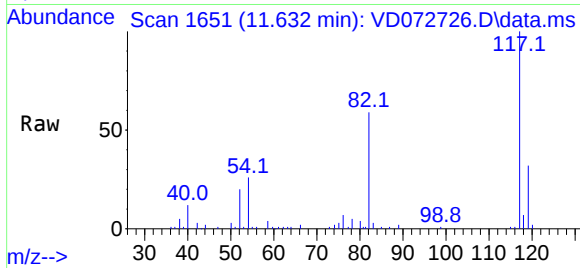




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD072726.D
Acq: 28 Apr 2022 15:52

Instrument :
MSVOA_D
ClientSampleId :
12-20-SB2-BK-PRISON

Tgt Ion:117	Resp:	92262
Ion Ratio	Lower	Upper
117	100	
82	58.7	45.3 67.9
119	31.6	26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072726.D
Acq: 28 Apr 2022 15:52

Tgt Ion:152	Resp:	39554
Ion Ratio	Lower	Upper
152	100	
115	64.0	31.3 93.8
150	164.8	0.0 348.6

