

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073131.D
 Acq On : 19 May 2022 08:02
 Operator : VA/SY
 Sample : N2842-06
 Misc : 5.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS002-0006-01

Quant Time: May 19 08:40:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	186268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	336004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	378246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	168870	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	137063	58.840	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.680%
35) Dibromofluoromethane	7.908	113	129591	54.932	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.860%
50) Toluene-d8	10.332	98	419484	49.014	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.020%
62) 4-Bromofluorobenzene	12.620	95	158291	51.064	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.120%

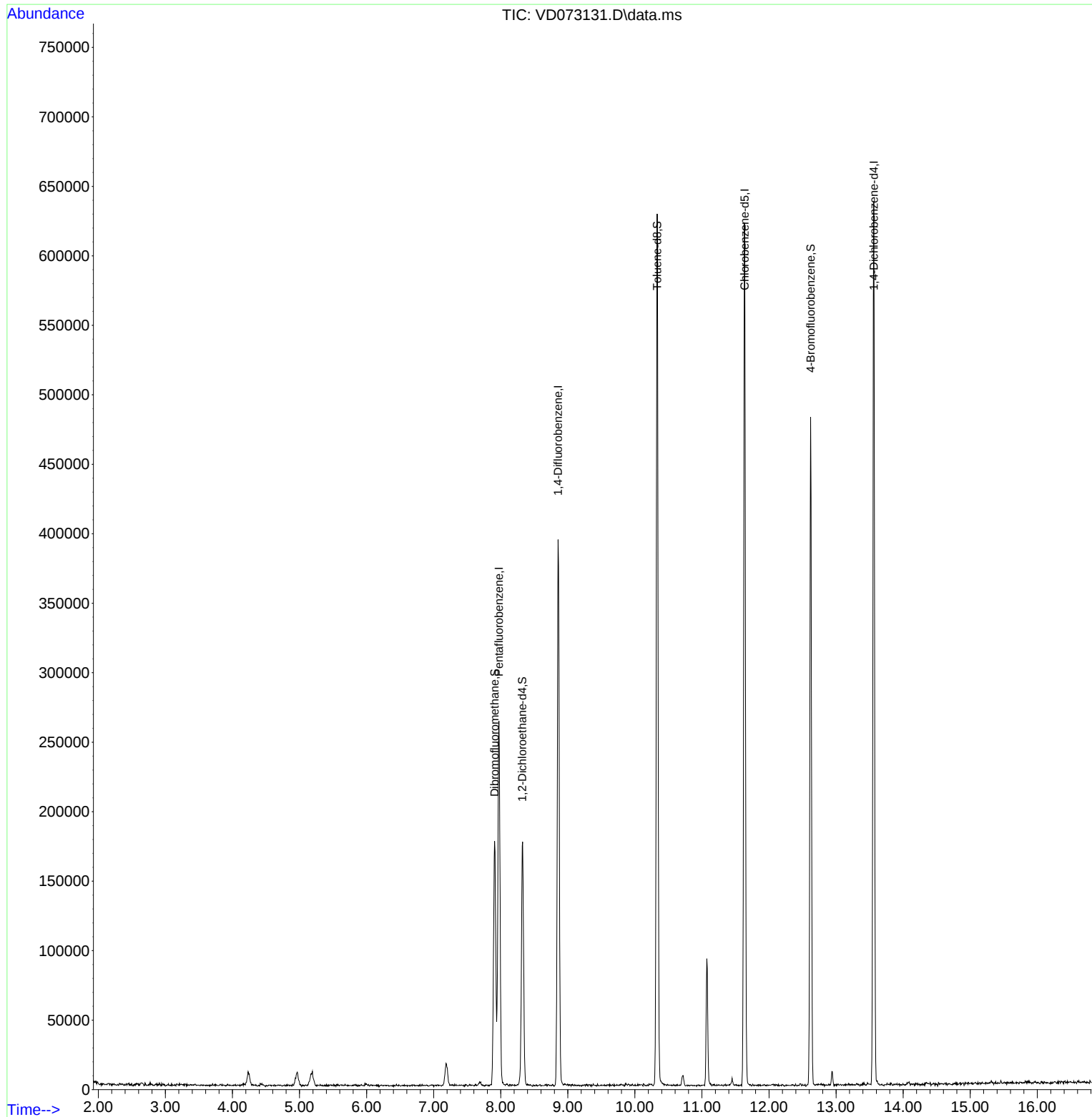
Target Compounds	Qvalue

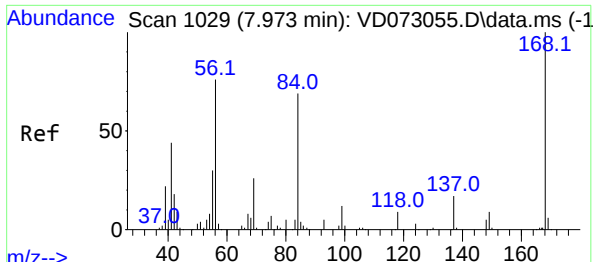
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073131.D

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Instrument :

MSVOA_D

ClientSampleId :

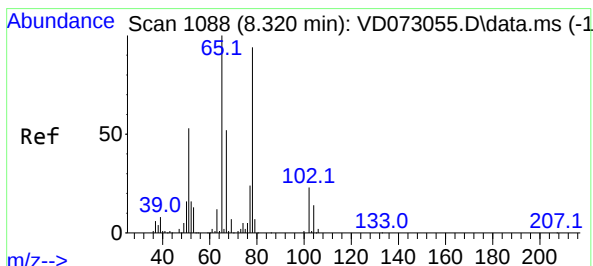
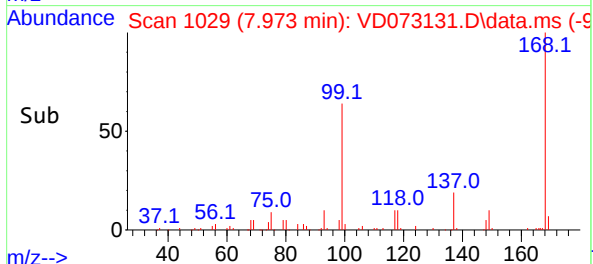
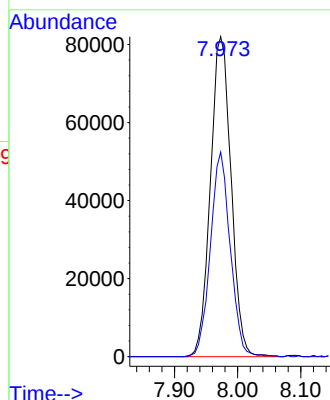
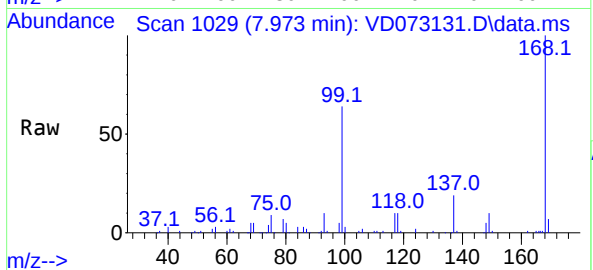
P016-SS002-0006-01

Tgt Ion:168 Resp: 186268

Ion Ratio Lower Upper

168 100

99 64.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 58.840 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073131.D

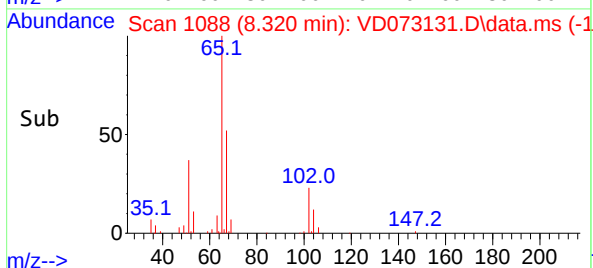
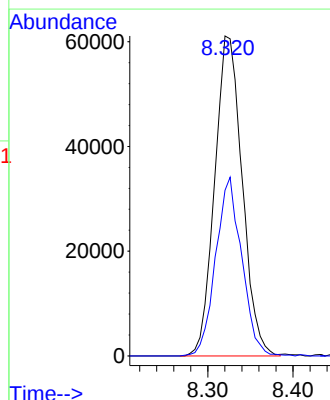
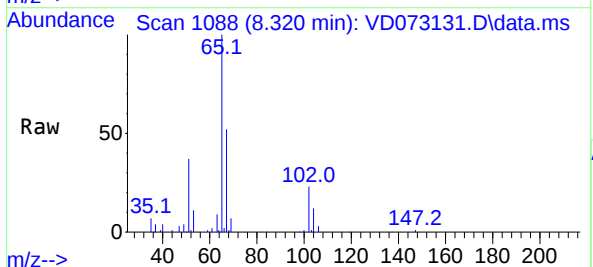
Acq: 19 May 2022 08:02

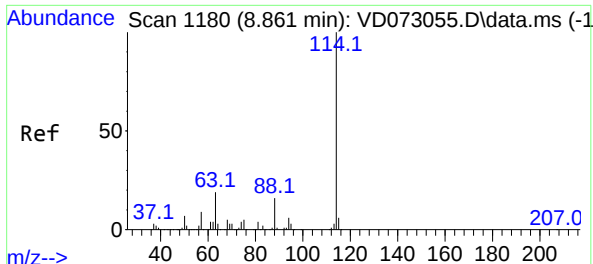
Tgt Ion: 65 Resp: 137063

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.4



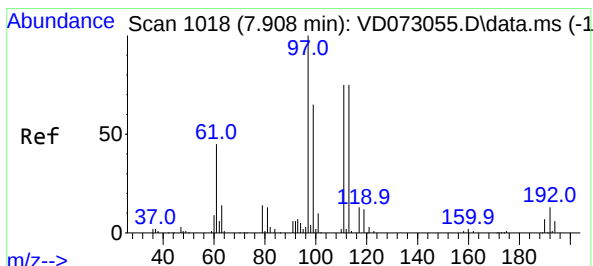
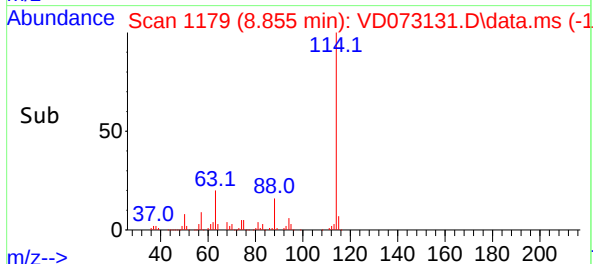
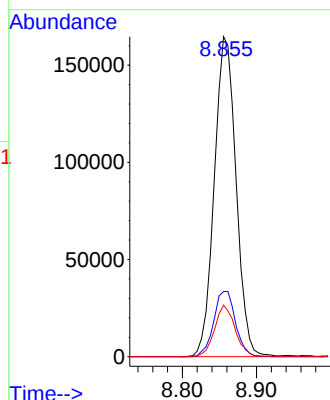
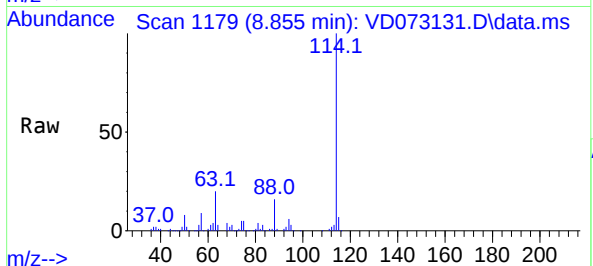


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

Instrument :
MSVOA_D
ClientSampleId :
P016-SS002-0006-01

Tgt Ion:114 Resp: 336004

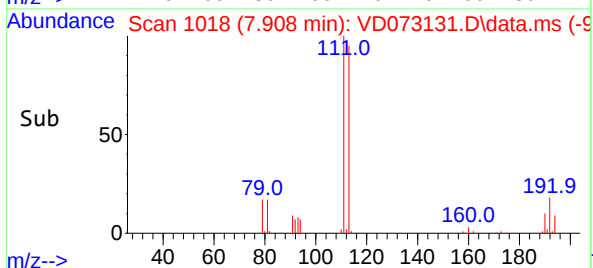
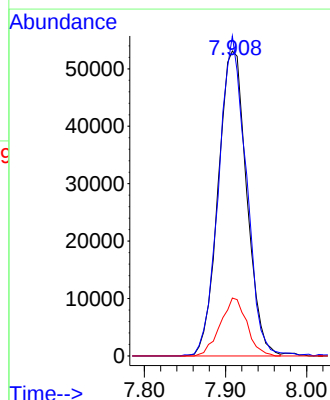
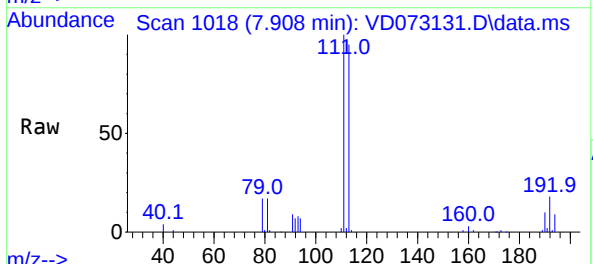
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	46.6
88	16.1	0.0	33.2

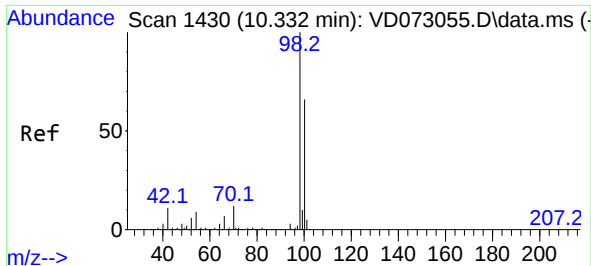


#35
Dibromofluoromethane
Concen: 54.932 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

Tgt Ion:113 Resp: 129591

Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.8	125.6
192	17.7	14.6	21.8

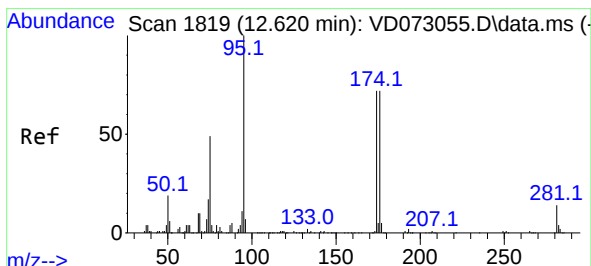
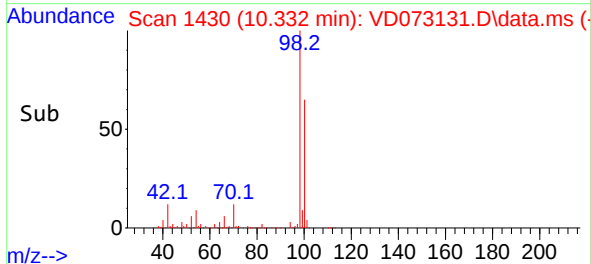
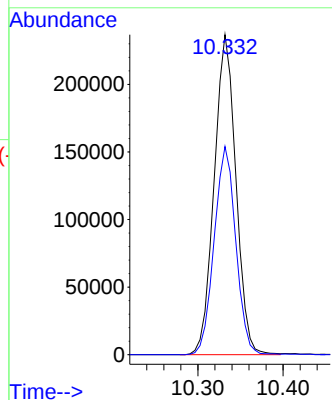
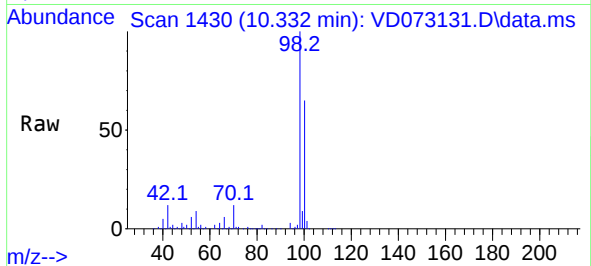




#50
Toluene-d8
Concen: 49.014 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

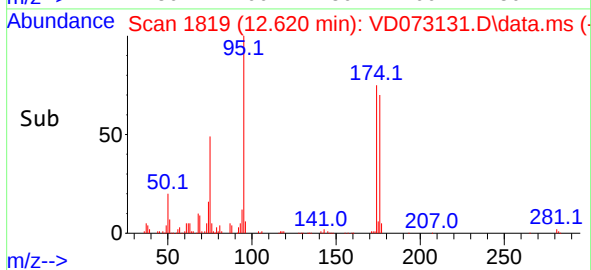
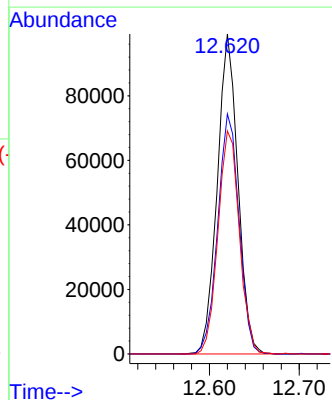
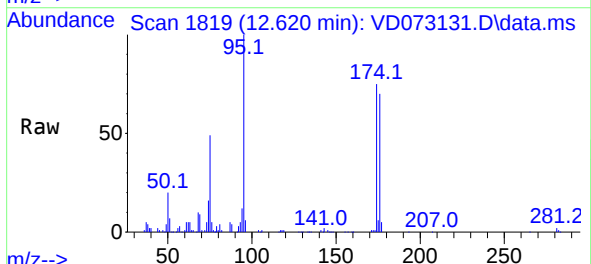
Instrument :
MSVOA_D
ClientSampleId :
P016-SS002-0006-01

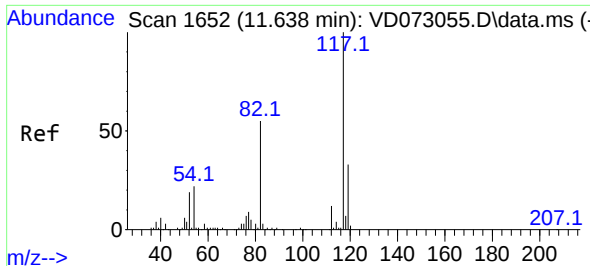
Tgt Ion: 98 Resp: 419484
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.064 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

Tgt Ion: 95 Resp: 158291
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.8
176 72.0 0.0 145.4

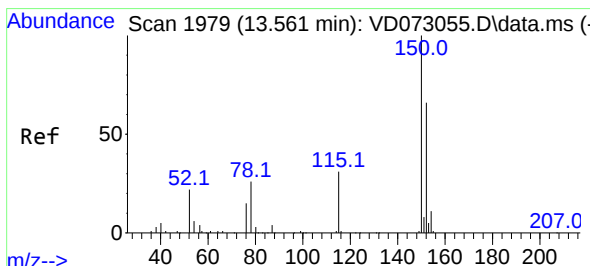
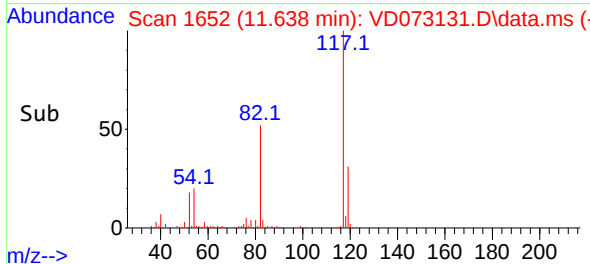
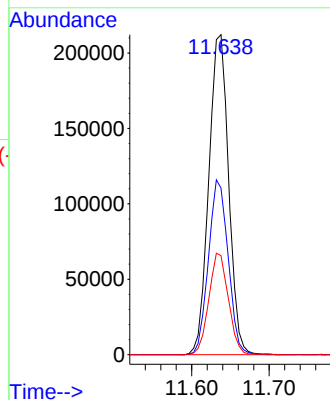
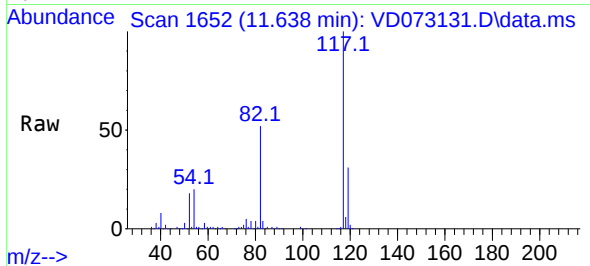




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

Instrument :
MSVOA_D
ClientSampleId :
P016-SS002-0006-01

Tgt Ion:117 Resp: 378246
Ion Ratio Lower Upper
117 100
82 52.1 45.3 67.9
119 31.0 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: VD073131.D
Acq: 19 May 2022 08:02

Tgt Ion:152 Resp: 168870
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 155.2 0.0 348.6

