

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
 Data File : VD073406.D
 Acq On : 27 May 2022 12:47
 Operator : VA/SY
 Sample : N2949-19
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS002-0006-01

Quant Time: May 28 09:42:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	336867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	579649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	610636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	291311	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	175699	47.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.380%
35) Dibromofluoromethane	7.908	113	187871	49.118	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.240%
50) Toluene-d8	10.332	98	721403	51.165	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.320%
62) 4-Bromofluorobenzene	12.620	95	273788	55.332	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.660%

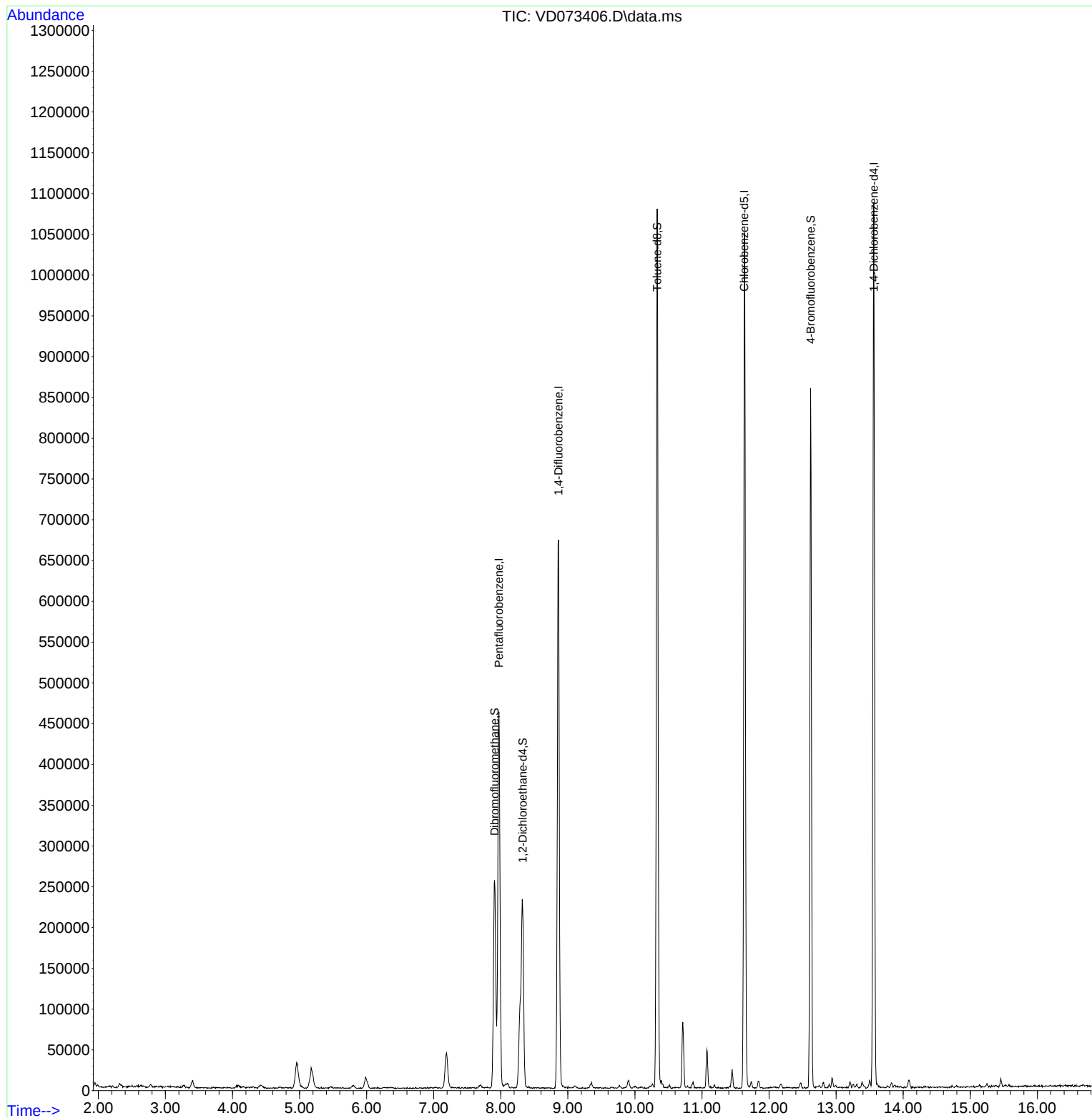
Target Compounds	Qvalue

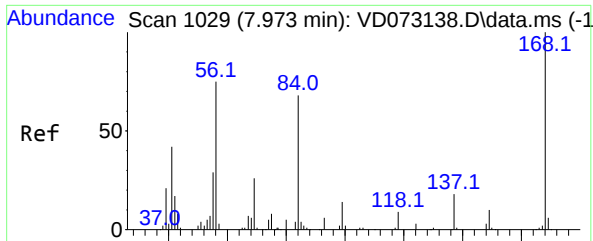
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073406.D

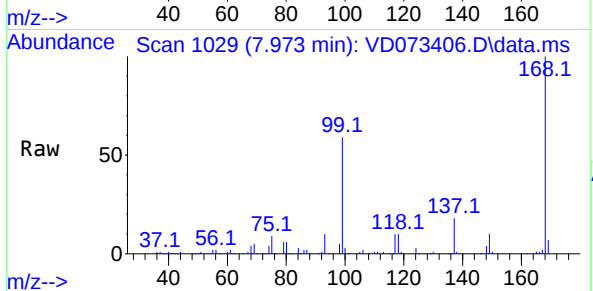
Acq: 27 May 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

P044-SS002-0006-01

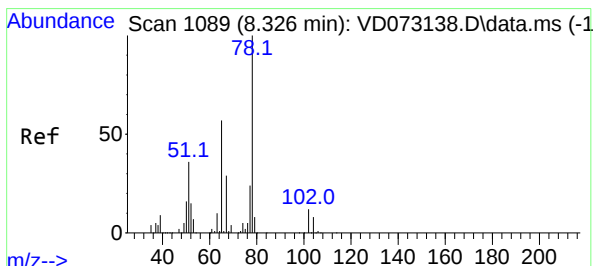
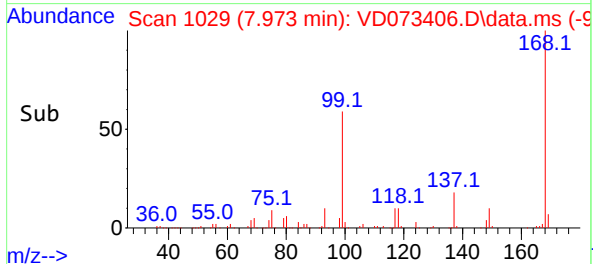
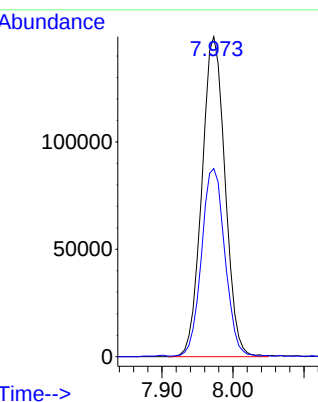


Tgt Ion:168 Resp: 336867

Ion Ratio Lower Upper

168 100

99 58.6 49.8 74.6



1,2-Dichloroethane-d4

Concen: 47.195 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073406.D

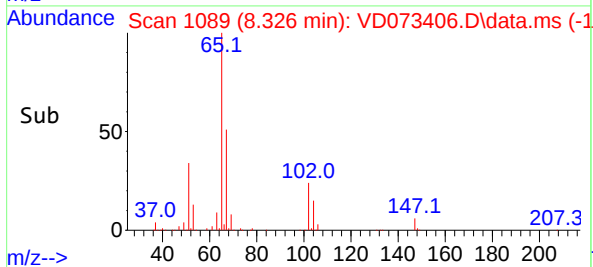
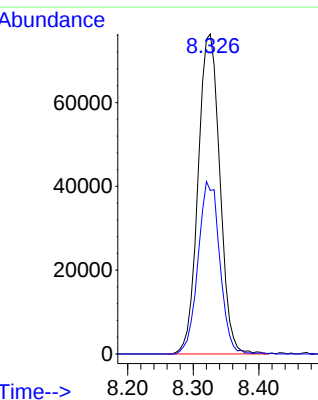
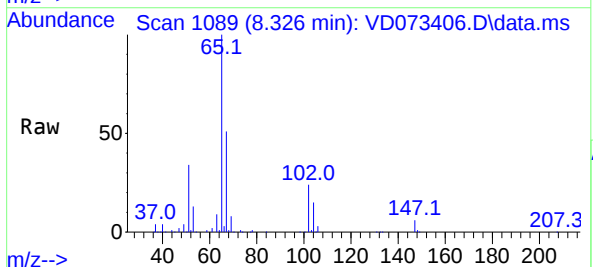
Acq: 27 May 2022 12:47

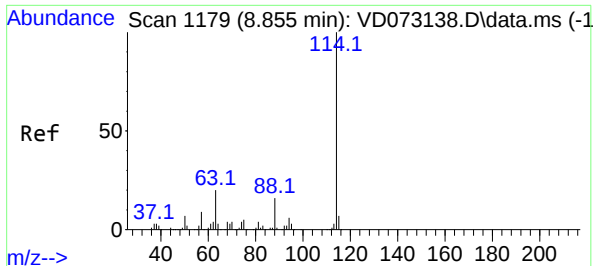
Tgt Ion: 65 Resp: 175699

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073406.D

Acq: 27 May 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

P044-SS002-0006-01

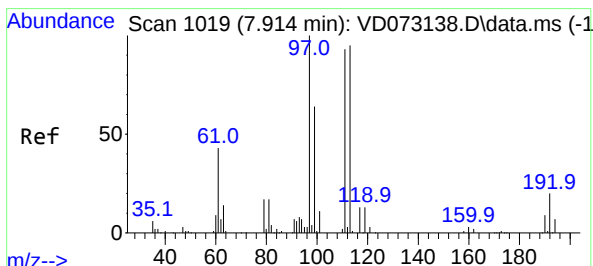
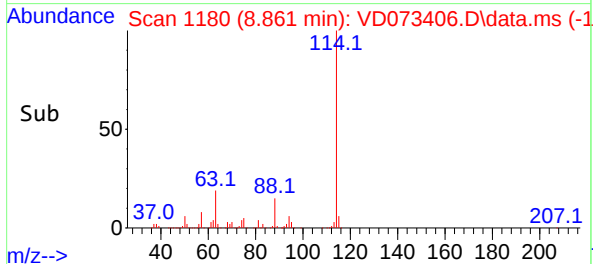
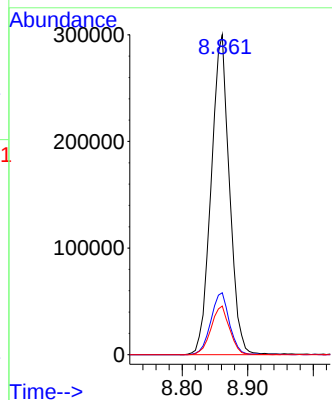
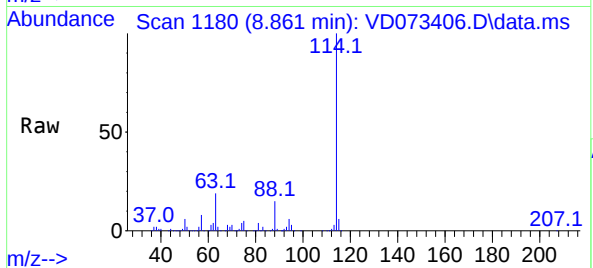
Tgt Ion:114 Resp: 579649

Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 15.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.118 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073406.D

Acq: 27 May 2022 12:47

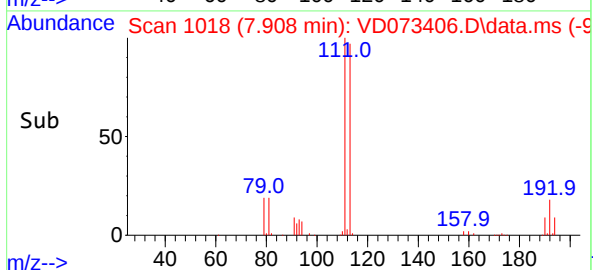
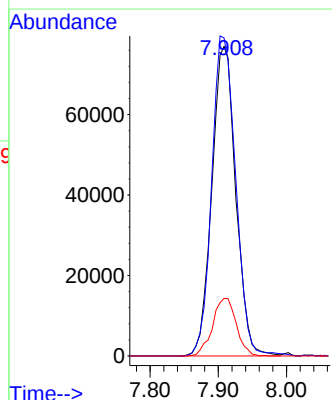
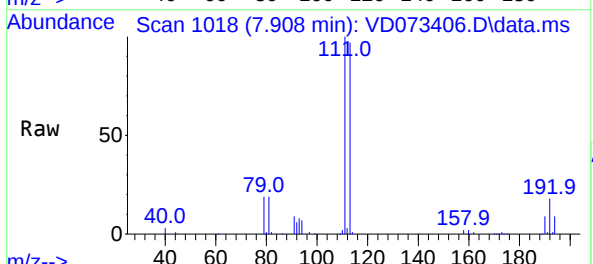
Tgt Ion:113 Resp: 187871

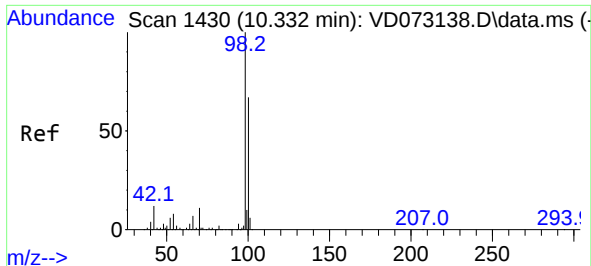
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 18.5 14.6 21.8

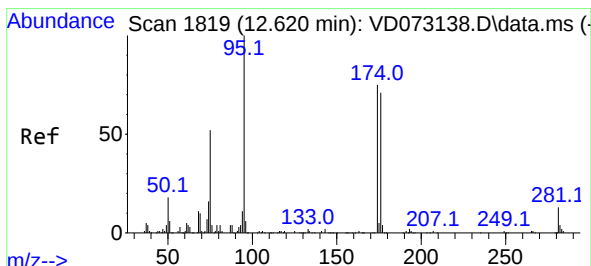
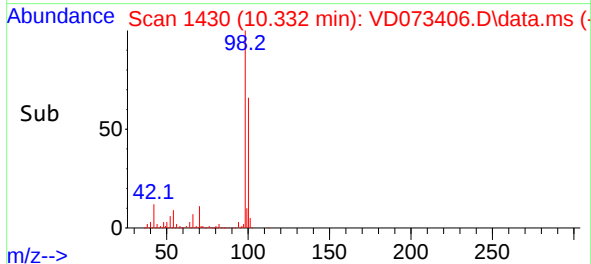
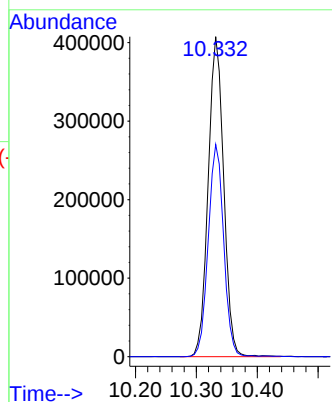
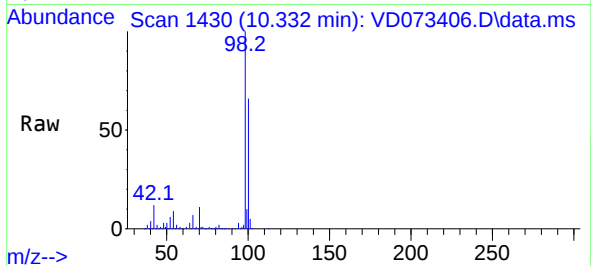




#50
Toluene-d8
Concen: 51.165 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073406.D
Acq: 27 May 2022 12:47

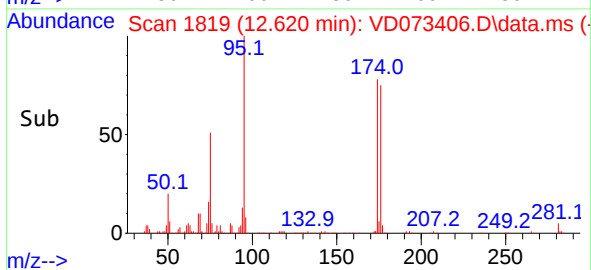
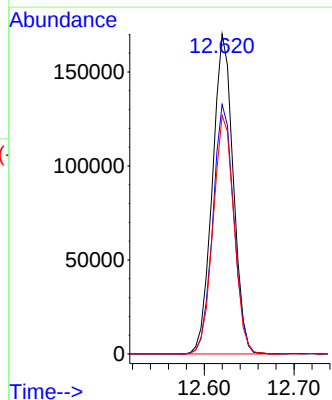
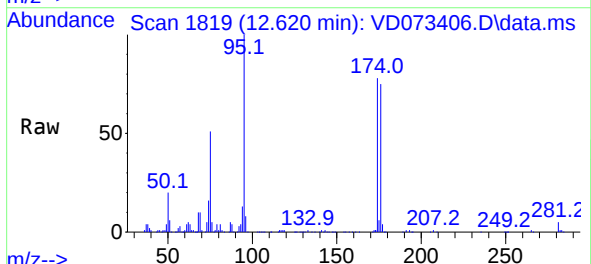
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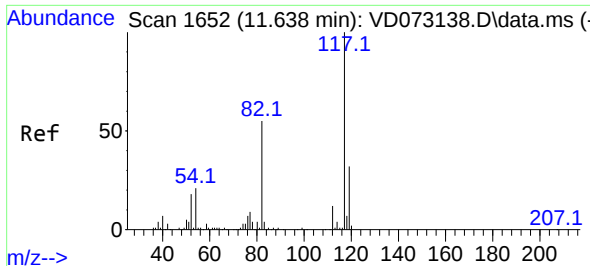
Tgt Ion: 98 Resp: 721403
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.332 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073406.D
Acq: 27 May 2022 12:47

Tgt Ion: 95 Resp: 273788
Ion Ratio Lower Upper
95 100
174 78.4 0.0 152.8
176 74.9 0.0 145.4

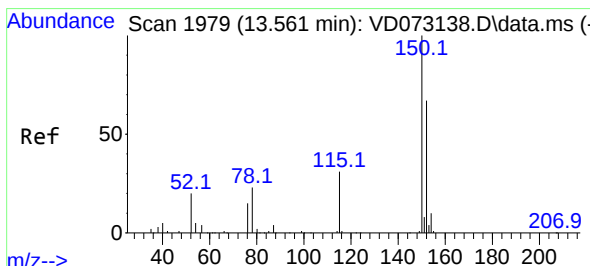
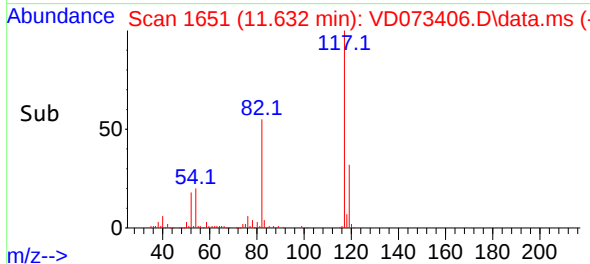
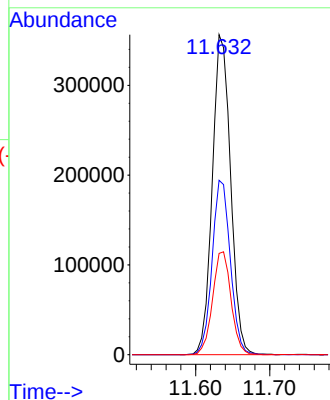
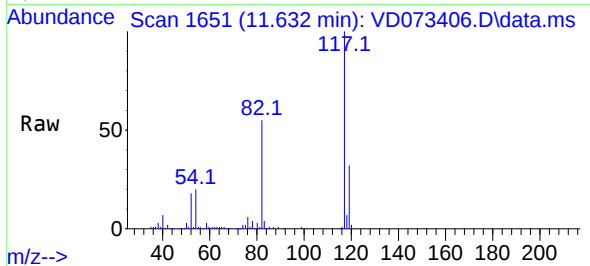




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073406.D
Acq: 27 May 2022 12:47

Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01

Tgt Ion:	117	Resp:	610636
Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.3	67.9
119	31.7	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073406.D
Acq: 27 May 2022 12:47

Tgt Ion:	152	Resp:	291311
Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.3	93.8
150	159.3	0.0	348.6

