

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073332.D
 Acq On : 24 May 2022 18:44
 Operator : VA/SY
 Sample : N2949-19
 Misc : 5.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: May 25 05:28:53 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	66550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	109342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	128437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	52377	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	59258	80.571	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	161.140%
35) Dibromofluoromethane	7.914	113	49746	68.947	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	137.900%
50) Toluene-d8	10.332	98	138617	52.118	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.240%
62) 4-Bromofluorobenzene	12.620	95	51388	55.055	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.120%

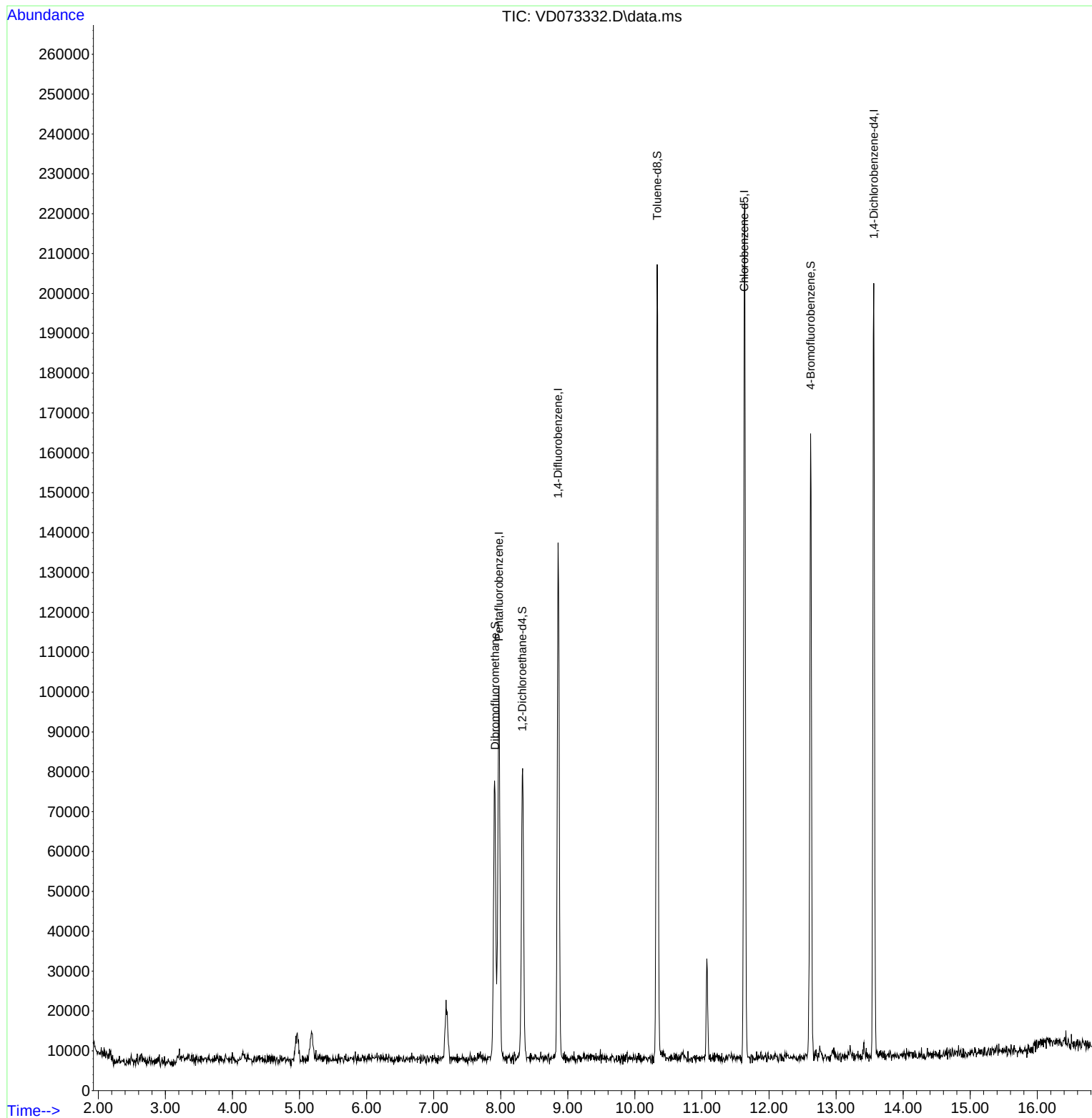
Target Compounds	Qvalue

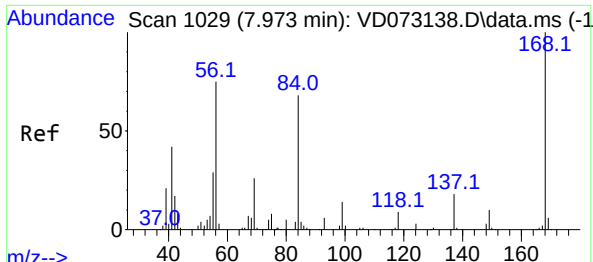
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

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ClientSampleId :

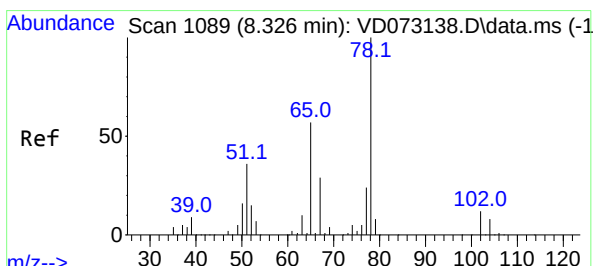
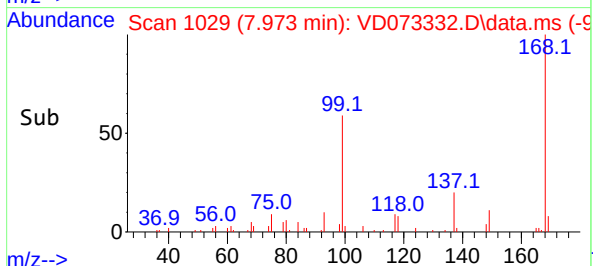
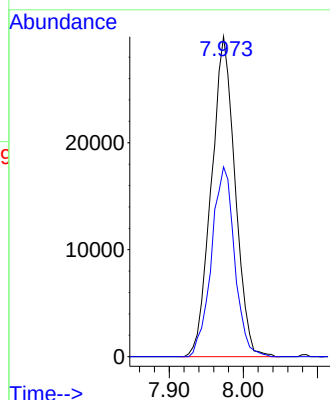
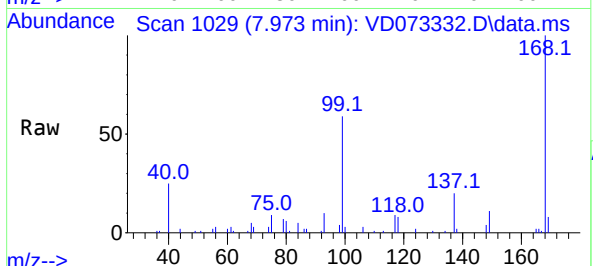
P044-SS002-0006-01

Tgt Ion:168 Resp: 66550

Ion Ratio Lower Upper

168 100

99 59.3 49.8 74.6



1,2-Dichloroethane-d4

Concen: 80.571 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073332.D

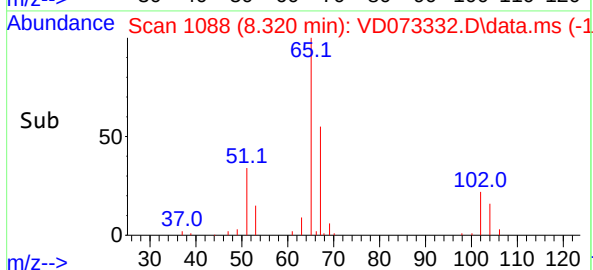
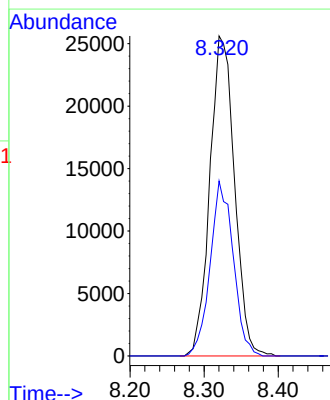
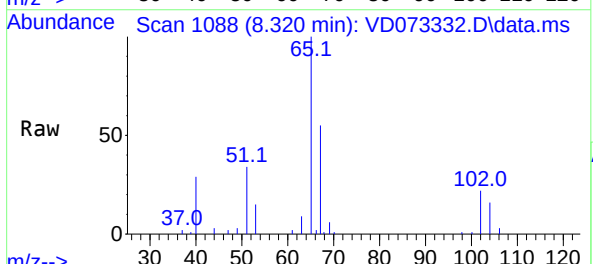
Acq: 24 May 2022 18:44

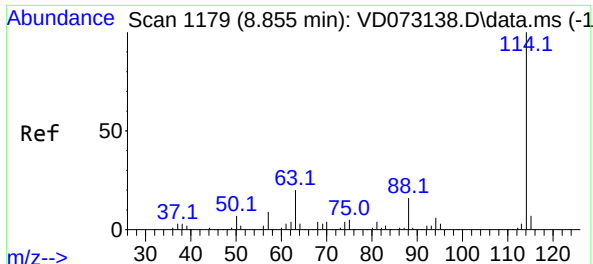
Tgt Ion: 65 Resp: 59258

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.4

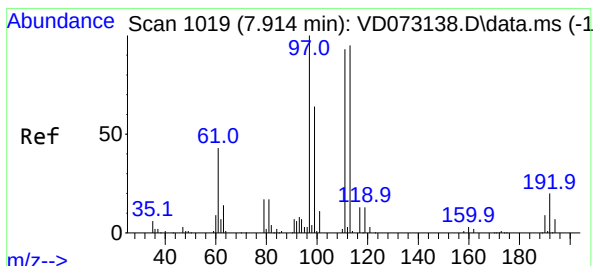
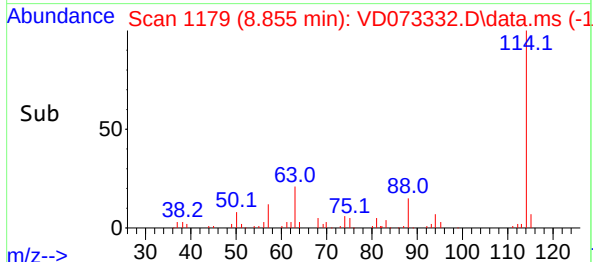
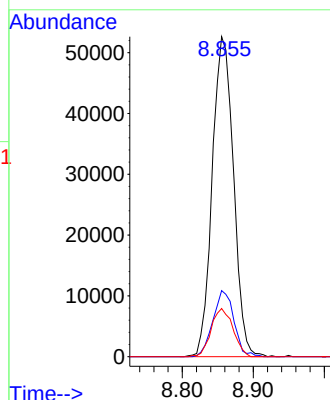
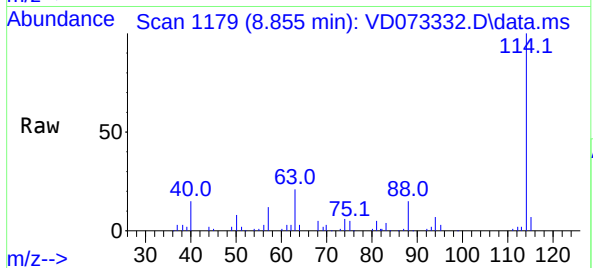




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073332.D
Acq: 24 May 2022 18:44

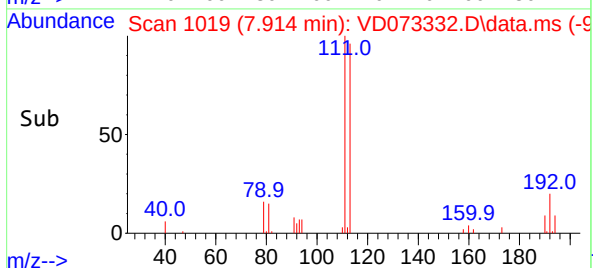
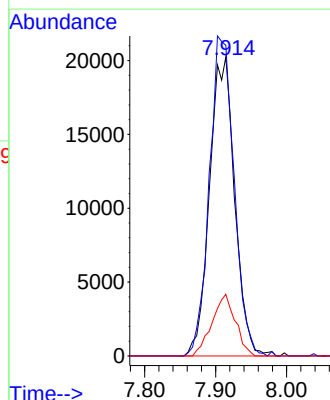
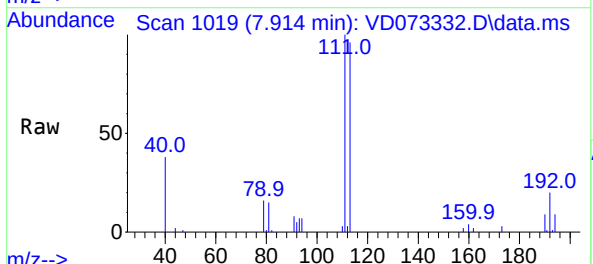
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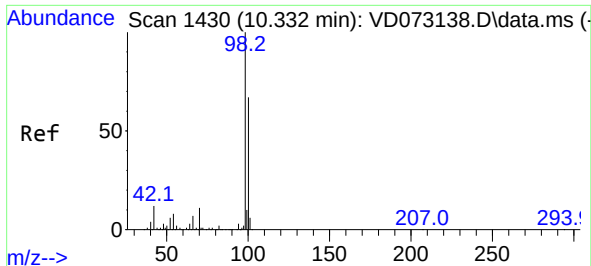
Tgt Ion:114 Resp: 109342
Ion Ratio Lower Upper
114 100
63 20.6 0.0 46.6
88 15.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 68.947 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD073332.D
Acq: 24 May 2022 18:44

Tgt Ion:113 Resp: 49746
Ion Ratio Lower Upper
113 100
111 105.0 83.8 125.6
192 19.2 14.6 21.8

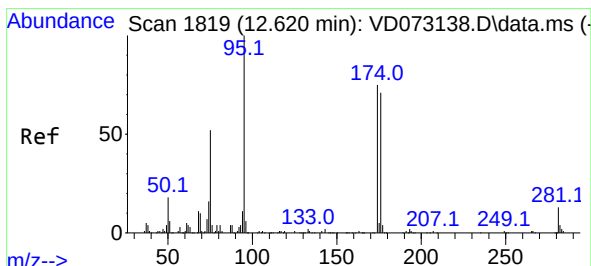
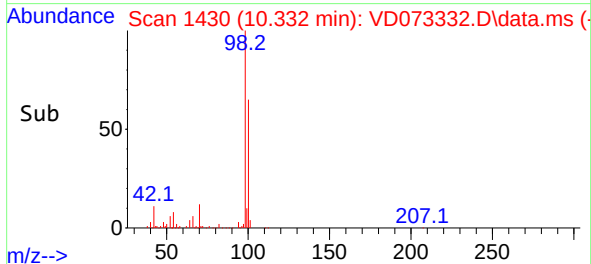
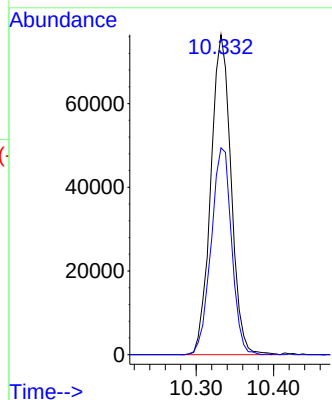
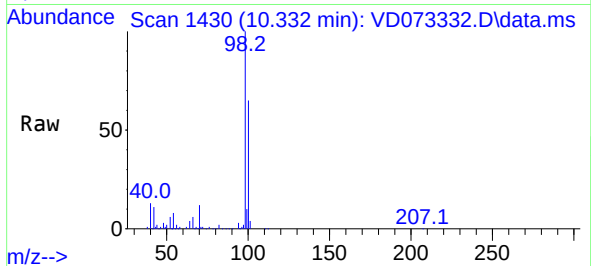




#50
Toluene-d8
Concen: 52.118 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073332.D
Acq: 24 May 2022 18:44

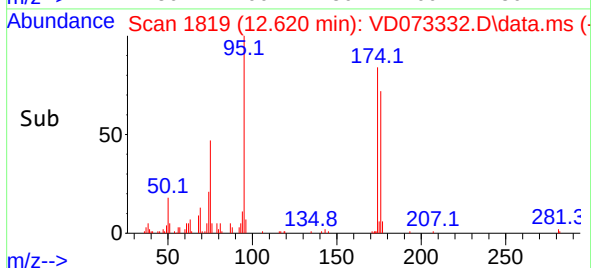
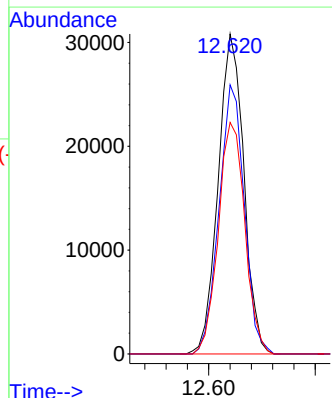
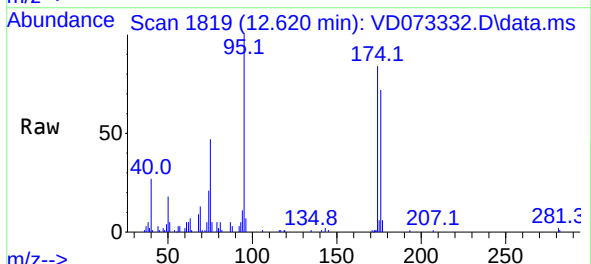
Instrument :
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ClientSampleId :
P044-SS002-0006-01

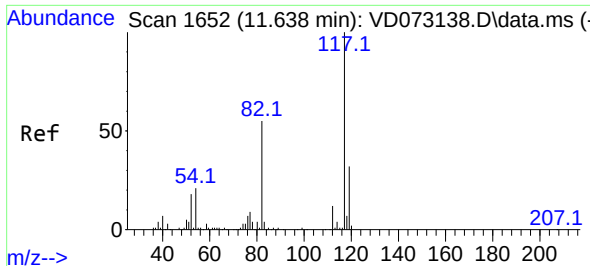
Tgt Ion: 98 Resp: 138617
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.055 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073332.D
Acq: 24 May 2022 18:44

Tgt Ion: 95 Resp: 51388
Ion Ratio Lower Upper
95 100
174 82.9 0.0 152.8
176 74.9 0.0 145.4

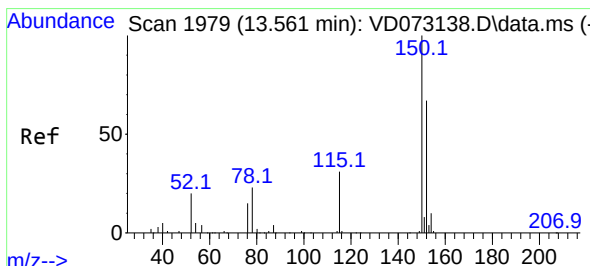
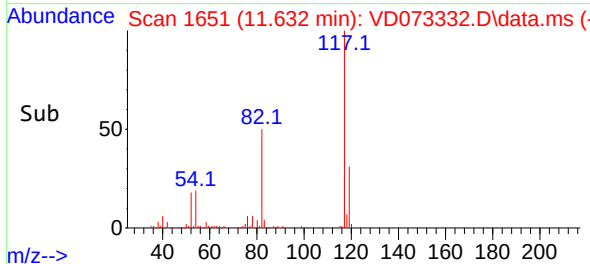
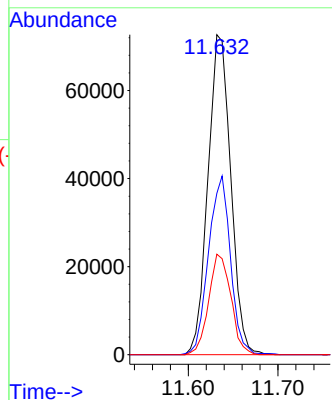
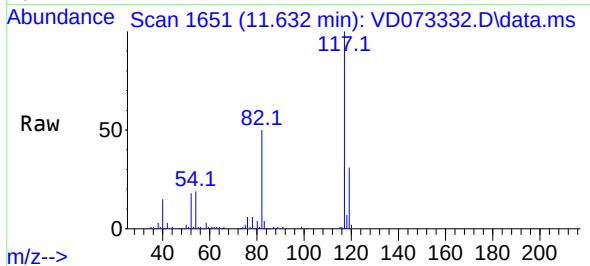




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073332.D
Acq: 24 May 2022 18:44

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

Tgt Ion:	117	Resp:	128437
Ion	Ratio	Lower	Upper
117	100		
82	50.4	45.3	67.9
119	31.4	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: VD073332.D
Acq: 24 May 2022 18:44

Tgt Ion:	152	Resp:	52377
Ion	Ratio	Lower	Upper
152	100		
115	60.5	31.3	93.8
150	155.1	0.0	348.6

