

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060122\
 Data File : VD073455.D
 Acq On : 01 Jun 2022 18:43
 Operator : VA/SY
 Sample : N3108-01
 Misc : 5.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NP-1

Quant Time: Jun 02 08:52:50 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	7.967	168	12949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	23629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	27250	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	13276	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	12181	85.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	170.240%#
35) Dibromofluoromethane	7.909	113	10824	69.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	138.840%
50) Toluene-d8	10.332	98	28518	49.617	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.620	95	11719	58.099	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.200%

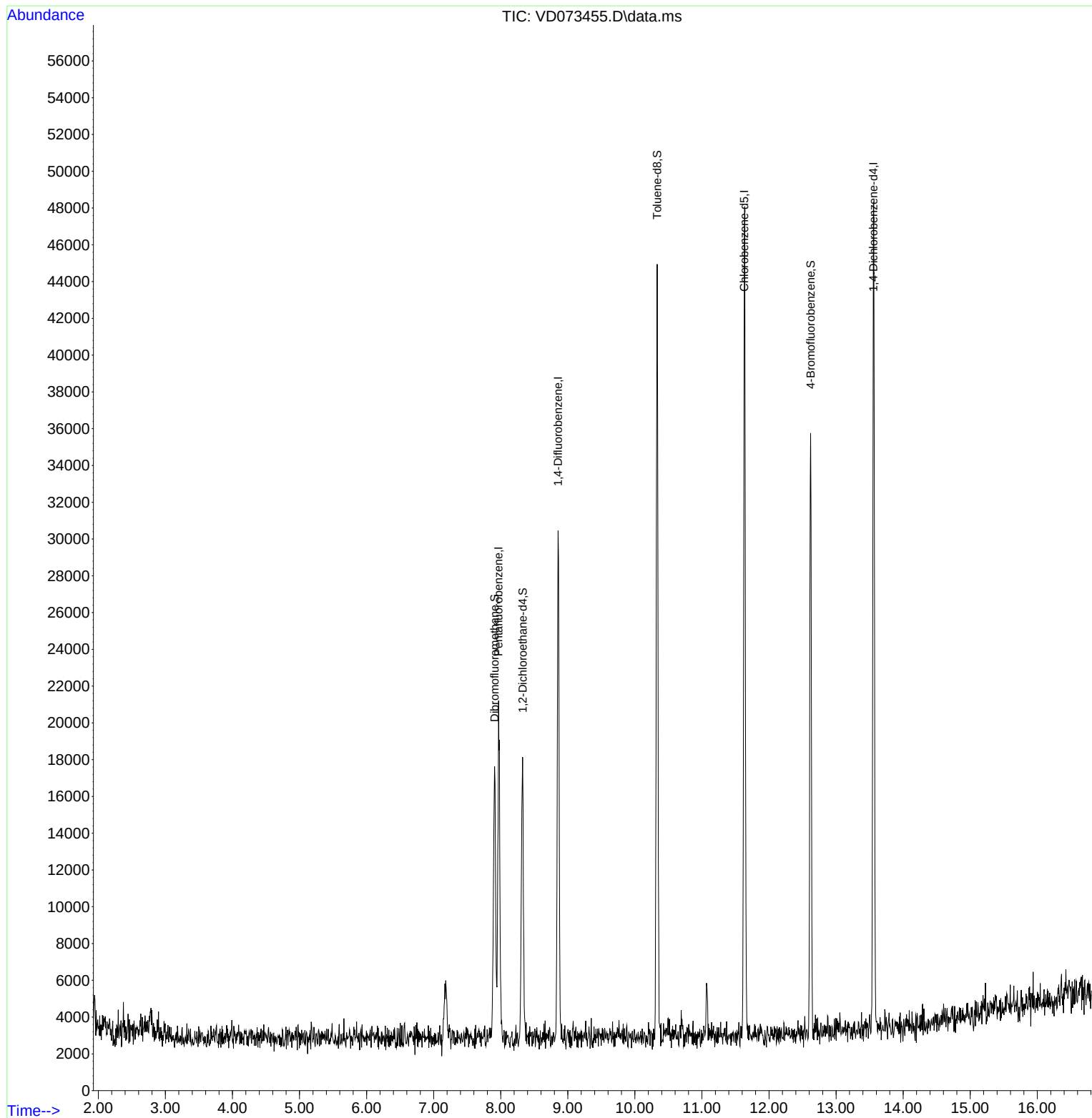
Target Compounds	Qvalue

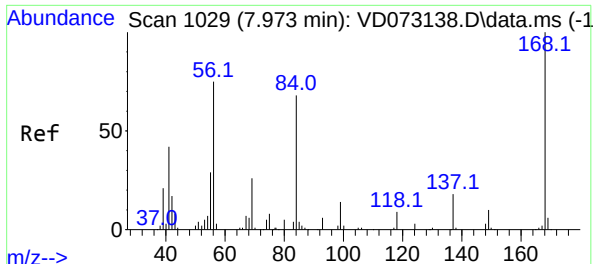
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.006 min

Lab File: VD073455.D

Acq: 01 Jun 2022 18:43

Instrument :

MSVOA_D

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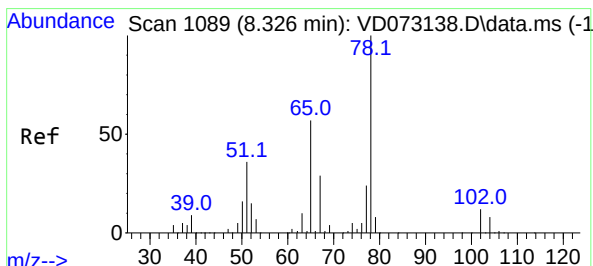
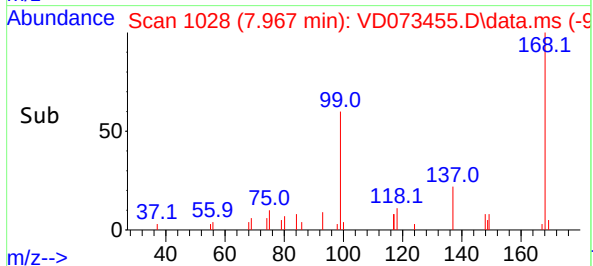
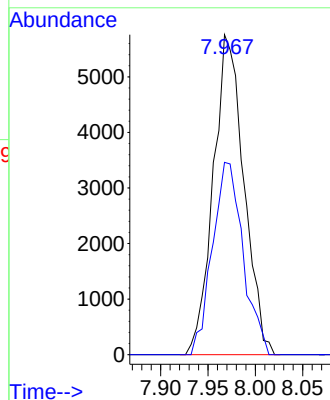
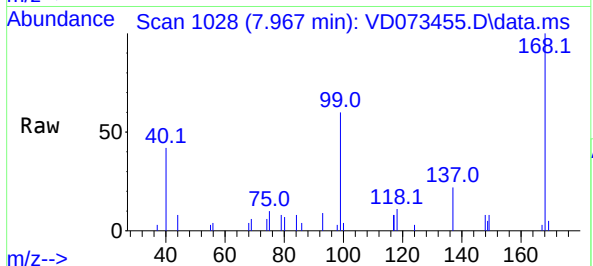
NP-1

Tgt Ion:168 Resp: 12949

Ion Ratio Lower Upper

168 100

99 60.1 49.8 74.6



1,2-Dichloroethane-d4

Concen: 85.119 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073455.D

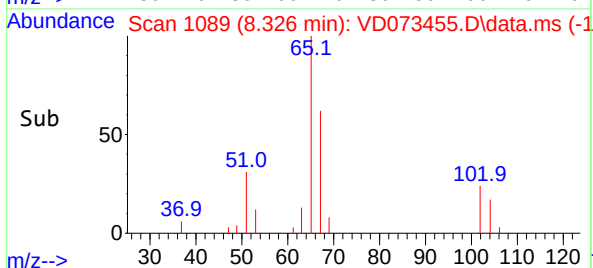
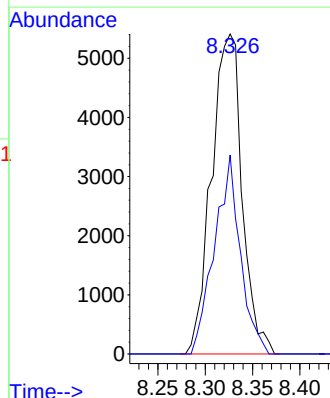
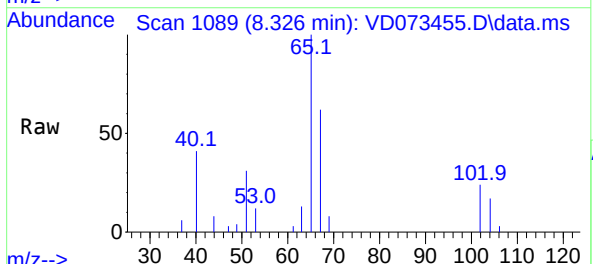
Acq: 01 Jun 2022 18:43

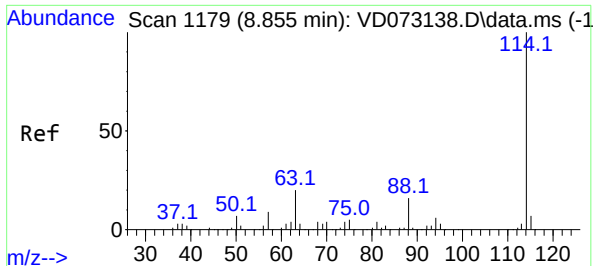
Tgt Ion: 65 Resp: 12181

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.4



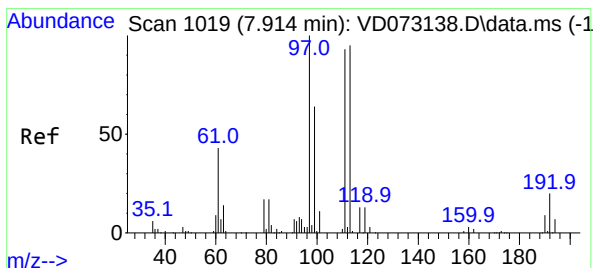
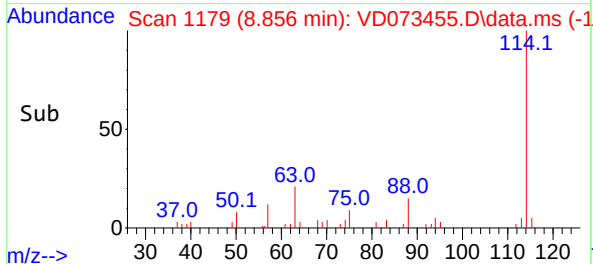
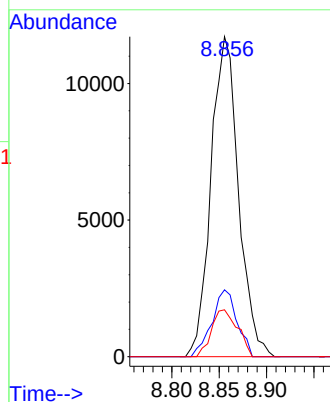
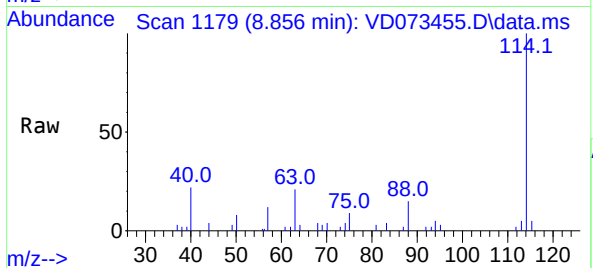


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073455.D
Acq: 01 Jun 2022 18:43

Instrument :
MSVOA_D
ClientSampleId :
NP-1

Tgt Ion:114 Resp: 23629

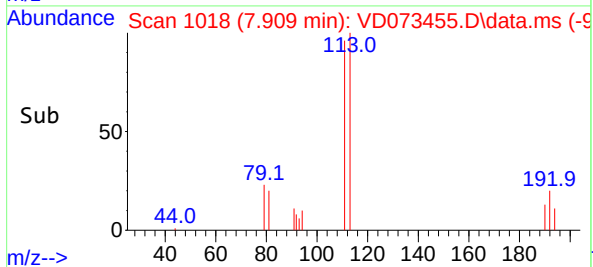
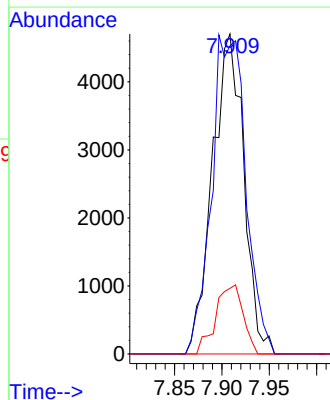
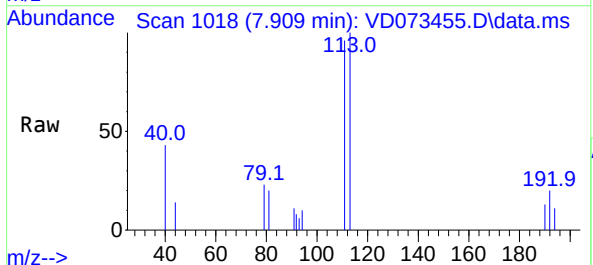
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	46.6
88	14.6	0.0	33.2

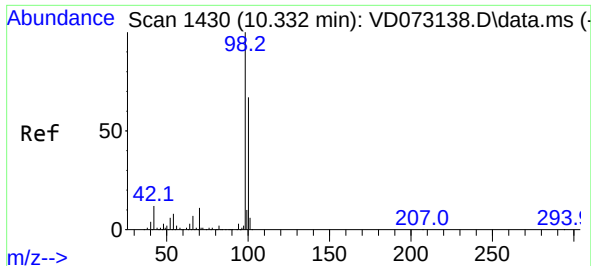


#35
Dibromofluoromethane
Concen: 69.420 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD073455.D
Acq: 01 Jun 2022 18:43

Tgt Ion:113 Resp: 10824

Ion	Ratio	Lower	Upper
113	100		
111	108.7	83.8	125.6
192	18.9	14.6	21.8

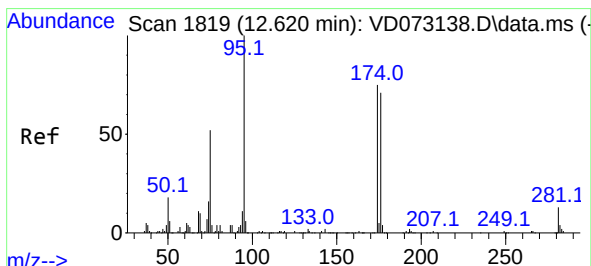
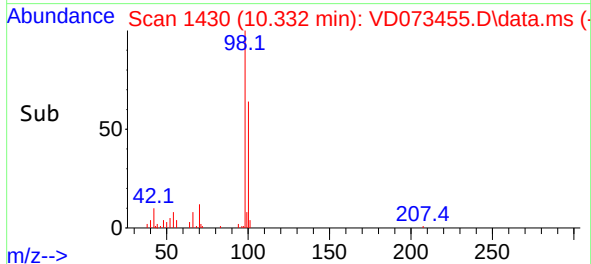
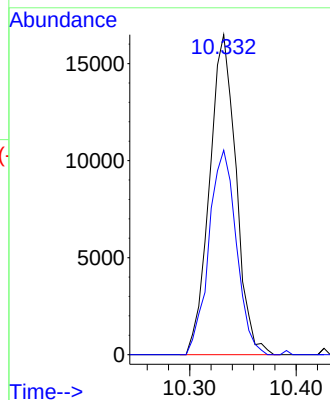
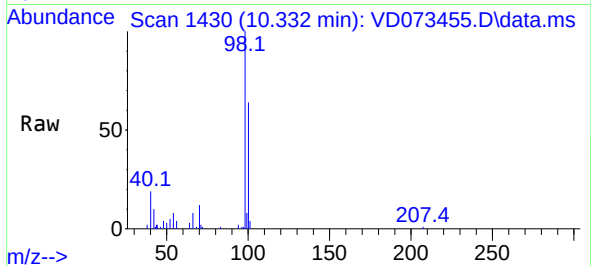




#50
Toluene-d8
Concen: 49.617 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073455.D
Acq: 01 Jun 2022 18:43

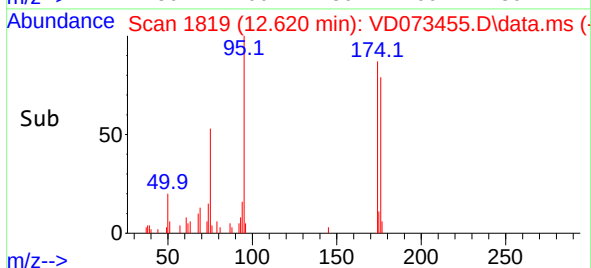
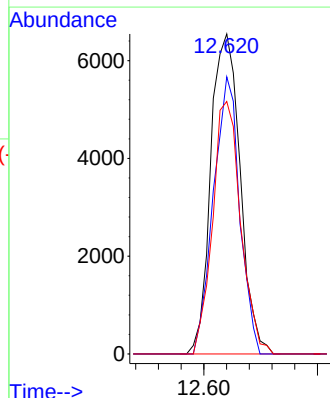
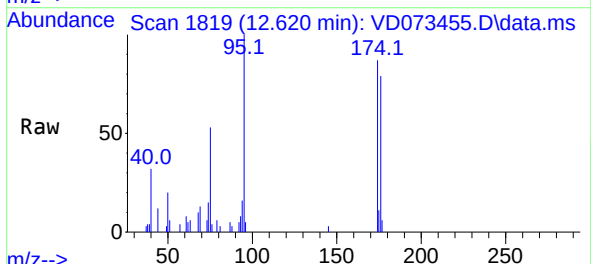
Instrument :
MSVOA_D
ClientSampleId :
NP-1

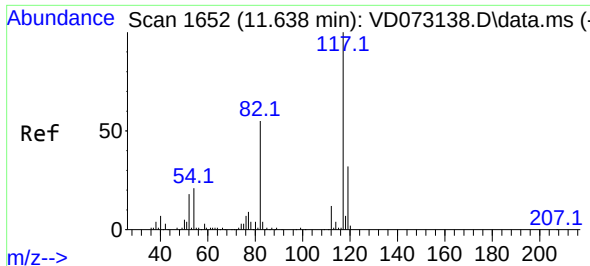
Tgt Ion: 98 Resp: 28518
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 58.099 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073455.D
Acq: 01 Jun 2022 18:43

Tgt Ion: 95 Resp: 11719
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 75.7 0.0 145.4

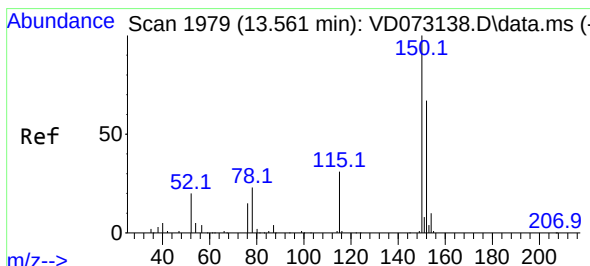
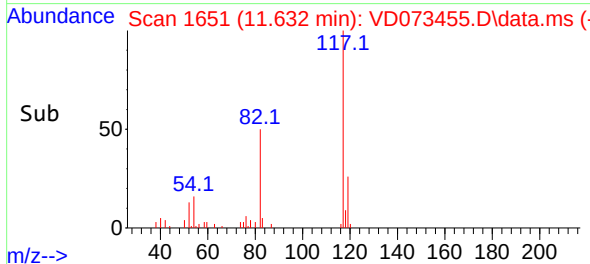
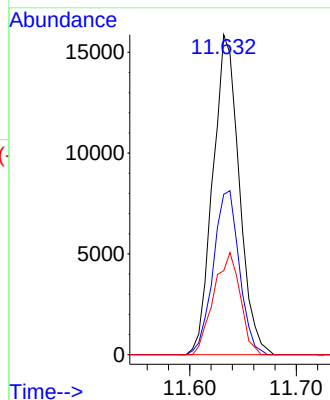
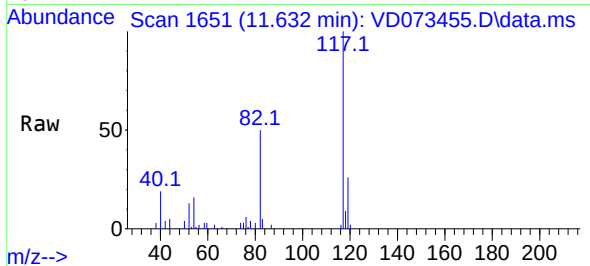




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073455.D
Acq: 01 Jun 2022 18:43

Instrument :
MSVOA_D
ClientSampleId :
NP-1

Tgt Ion:117	Resp:	27250
Ion	Ratio	Lower Upper
117	100	
82	50.1	45.3 67.9
119	26.2	26.6 40.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073455.D
Acq: 01 Jun 2022 18:43

Tgt Ion:152	Resp:	13276
Ion	Ratio	Lower Upper
152	100	
115	58.9	31.3 93.8
150	152.9	0.0 348.6

