

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073144.D
 Acq On : 19 May 2022 17:54
 Operator : VA/SY
 Sample : VD0519SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBL01

Quant Time: May 20 01:49:22 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	287858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	496576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	519710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	240948	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	166849	52.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.900%
35) Dibromofluoromethane	7.908	113	169577	51.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.500%
50) Toluene-d8	10.332	98	618338	51.192	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.380%
62) 4-Bromofluorobenzene	12.620	95	232903	54.943	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.880%

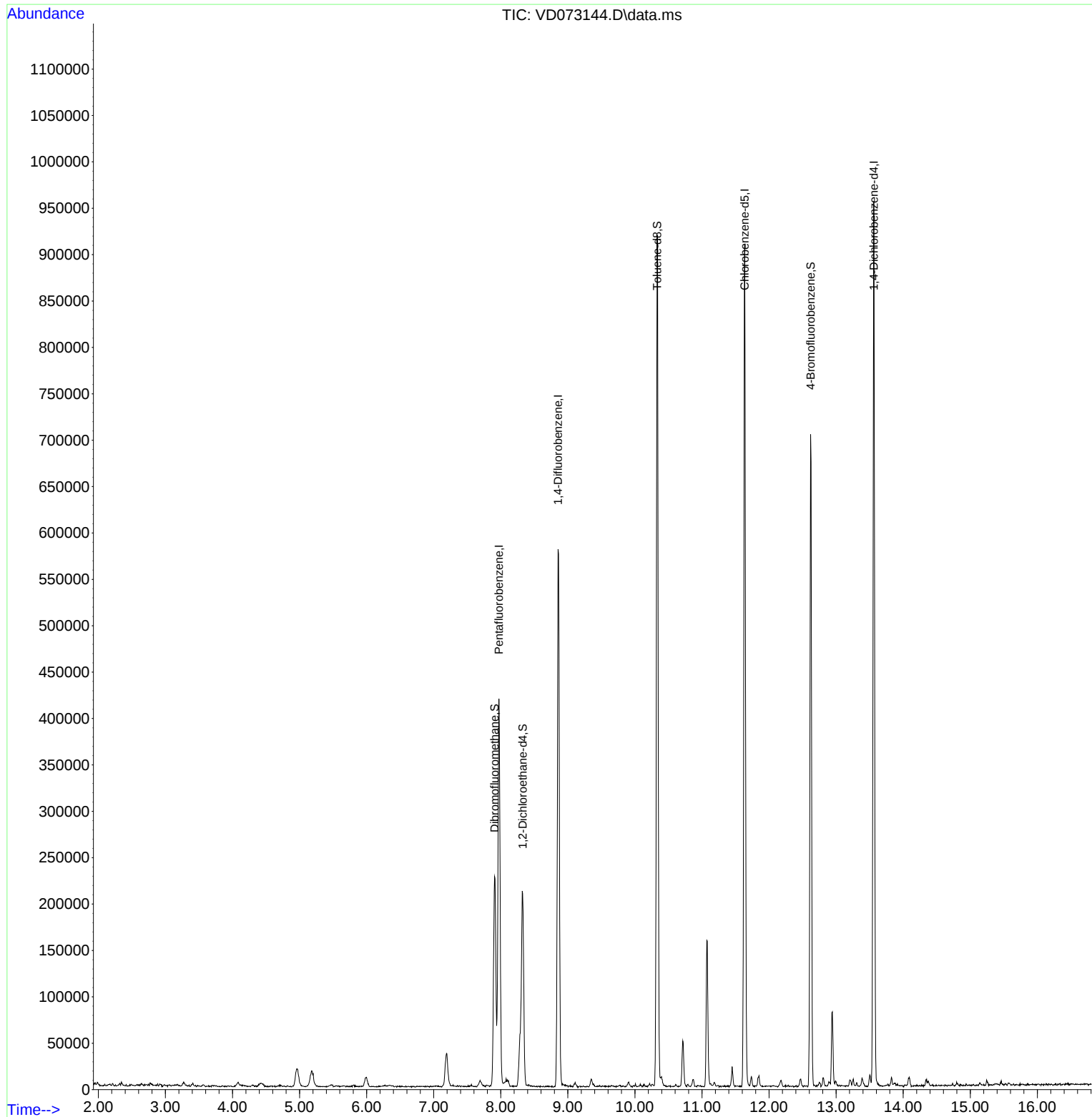
Target Compounds	Qvalue

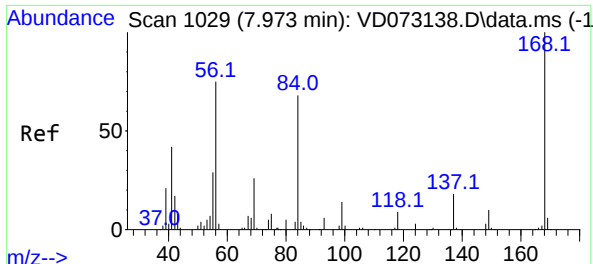
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073144.D

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Instrument :

MSVOA_D

ClientSampleId :

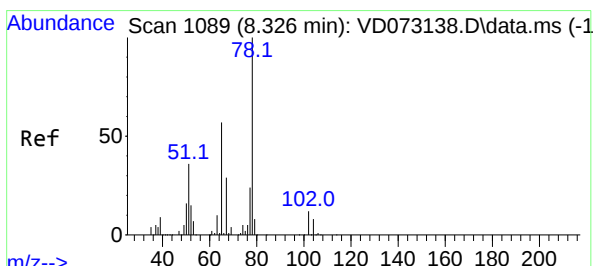
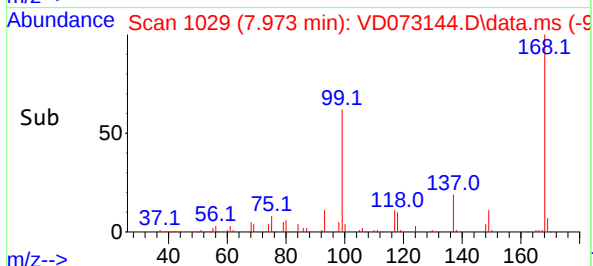
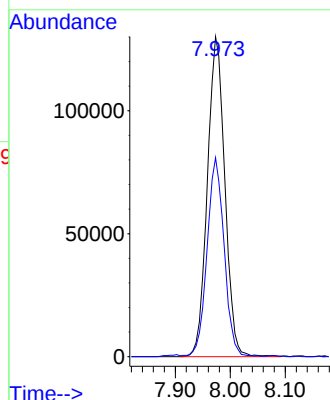
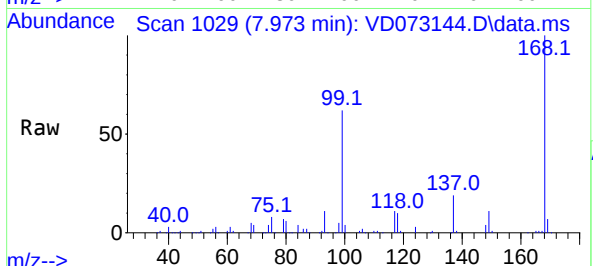
VD0519SBL01

Tgt Ion:168 Resp: 287858

Ion Ratio Lower Upper

168 100

99 61.9 49.8 74.6



1,2-Dichloroethane-d4

Concen: 52.448 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073144.D

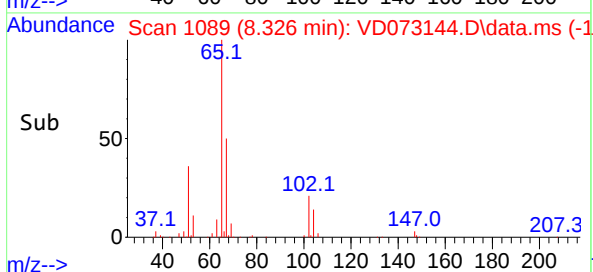
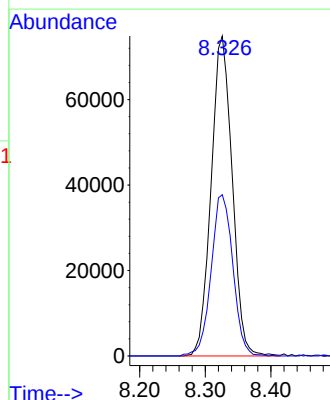
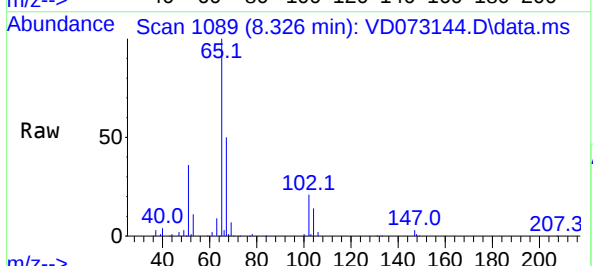
Acq: 19 May 2022 17:54

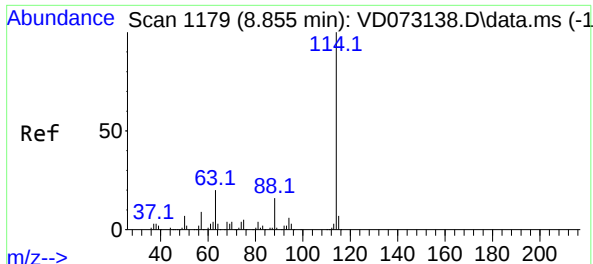
Tgt Ion: 65 Resp: 166849

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.4

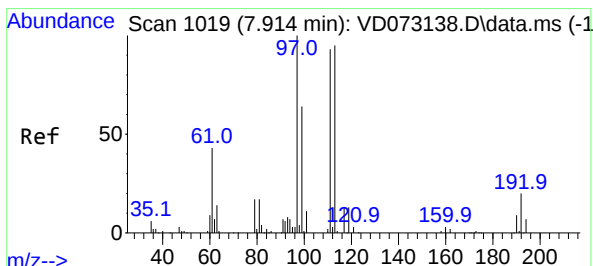
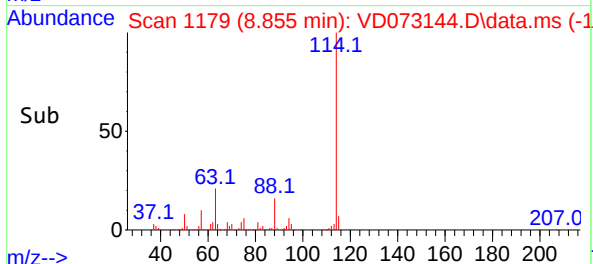
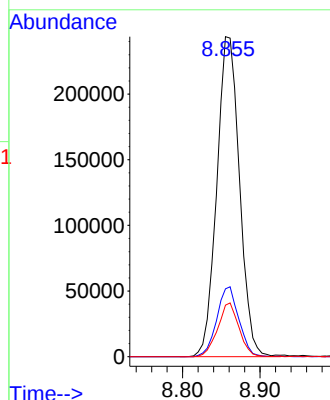
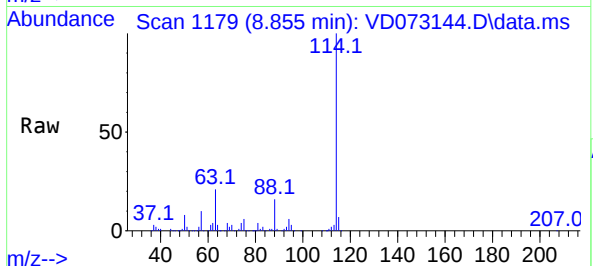




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073144.D
Acq: 19 May 2022 17:54

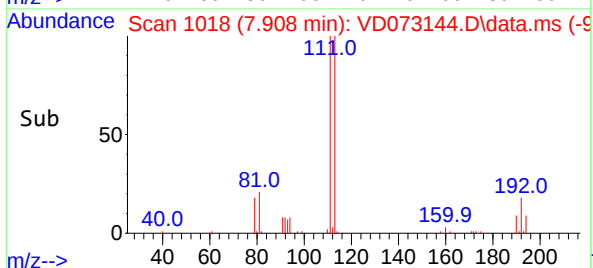
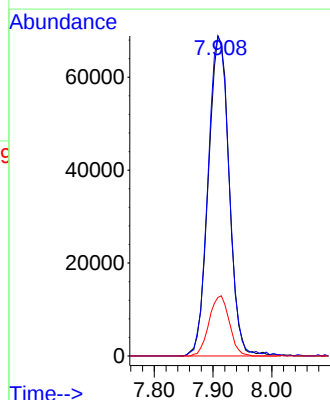
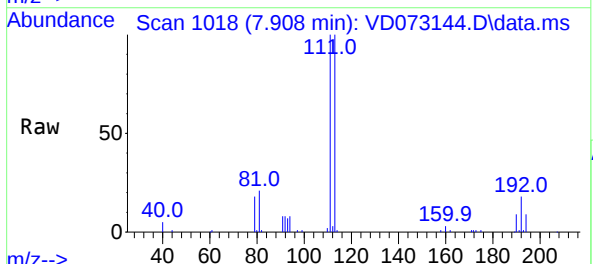
Instrument :
MSVOA_D
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VD0519SBL01

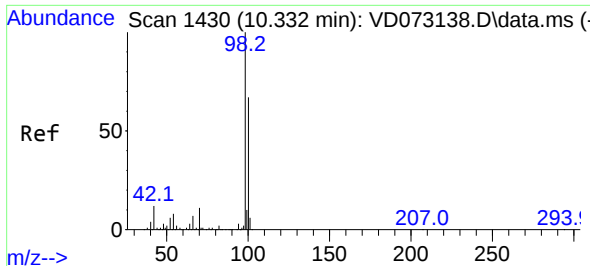
Tgt Ion:	114	Resp:	496576
Ion Ratio	Lower	Upper	
114	100		
63	21.2	0.0	46.6
88	16.1	0.0	33.2



#35
Dibromofluoromethane
Concen: 51.752 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073144.D
Acq: 19 May 2022 17:54

Tgt Ion:	113	Resp:	169577
Ion Ratio	Lower	Upper	
113	100		
111	100.8	83.8	125.6
192	18.3	14.6	21.8

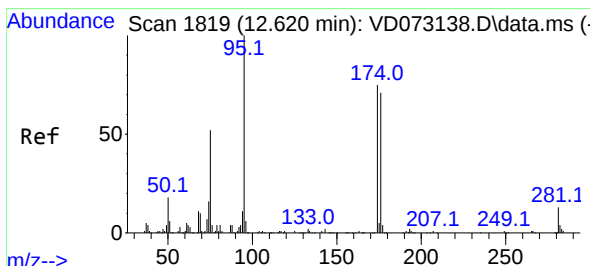
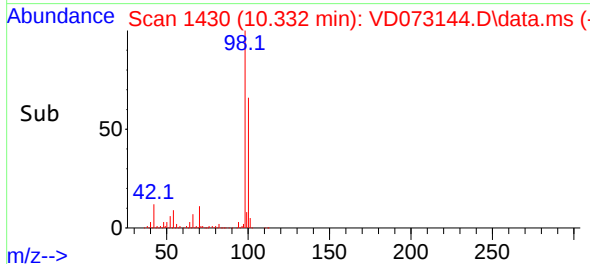
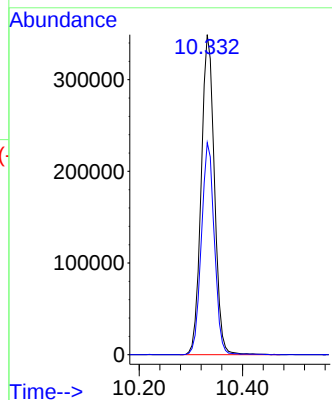
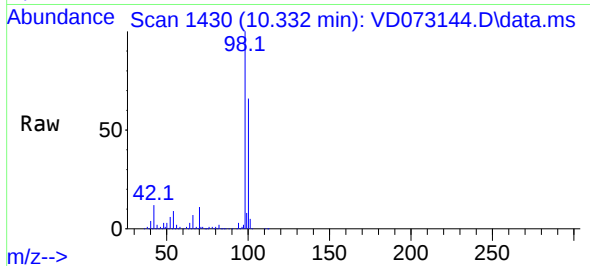




#50
Toluene-d8
Concen: 51.192 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073144.D
Acq: 19 May 2022 17:54

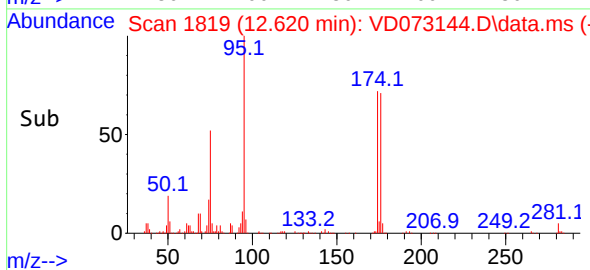
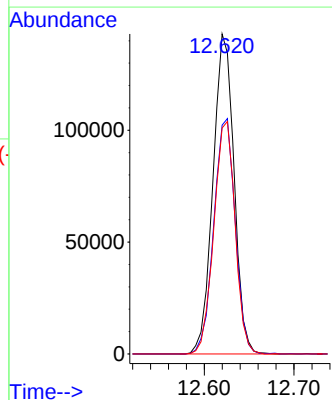
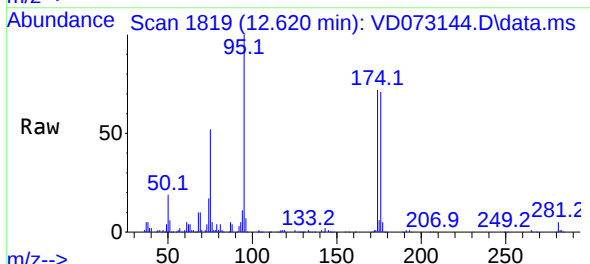
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBL01

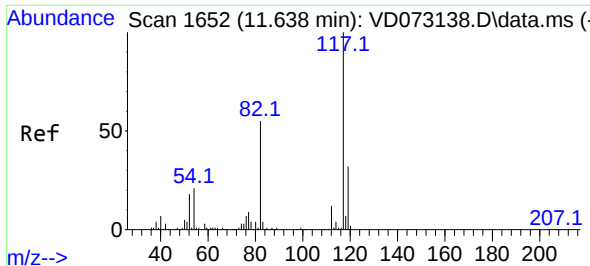
Tgt Ion: 98 Resp: 618338
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.943 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073144.D
Acq: 19 May 2022 17:54

Tgt Ion: 95 Resp: 232903
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.8
176 73.3 0.0 145.4

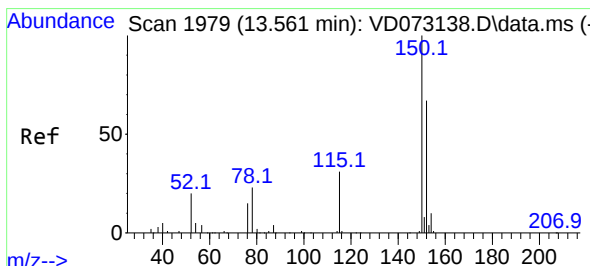
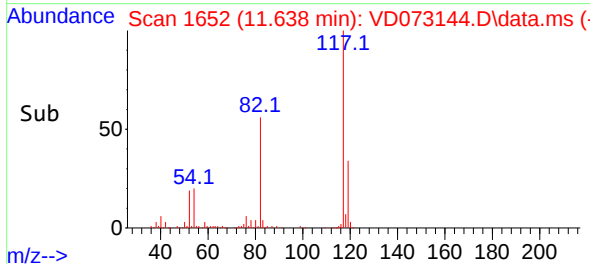
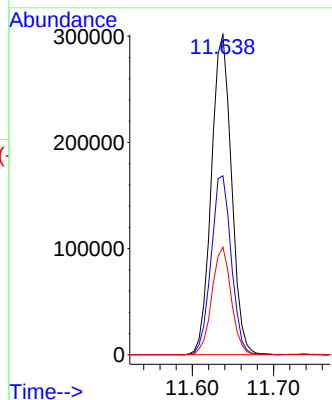
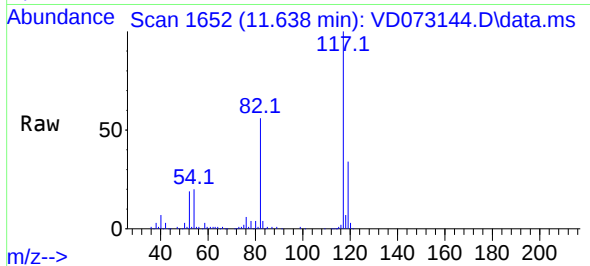




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073144.D
Acq: 19 May 2022 17:54

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBL01

Tgt Ion:117 Resp: 519710
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 33.6 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: VD073144.D
Acq: 19 May 2022 17:54

Tgt Ion:152 Resp: 240948
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 157.9 0.0 348.6

