

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073161.D
 Acq On : 20 May 2022 02:02
 Operator : VA/SY
 Sample : N2842-09
 Misc : 4.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS005-0006-01

Quant Time: May 20 02:44:28 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	281714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	516093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	543573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	268432	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	171332	55.032	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.060%
35) Dibromofluoromethane	7.908	113	178967	52.552	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.100%
50) Toluene-d8	10.332	98	651473	51.895	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.800%
62) 4-Bromofluorobenzene	12.620	95	253013	57.430	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.860%

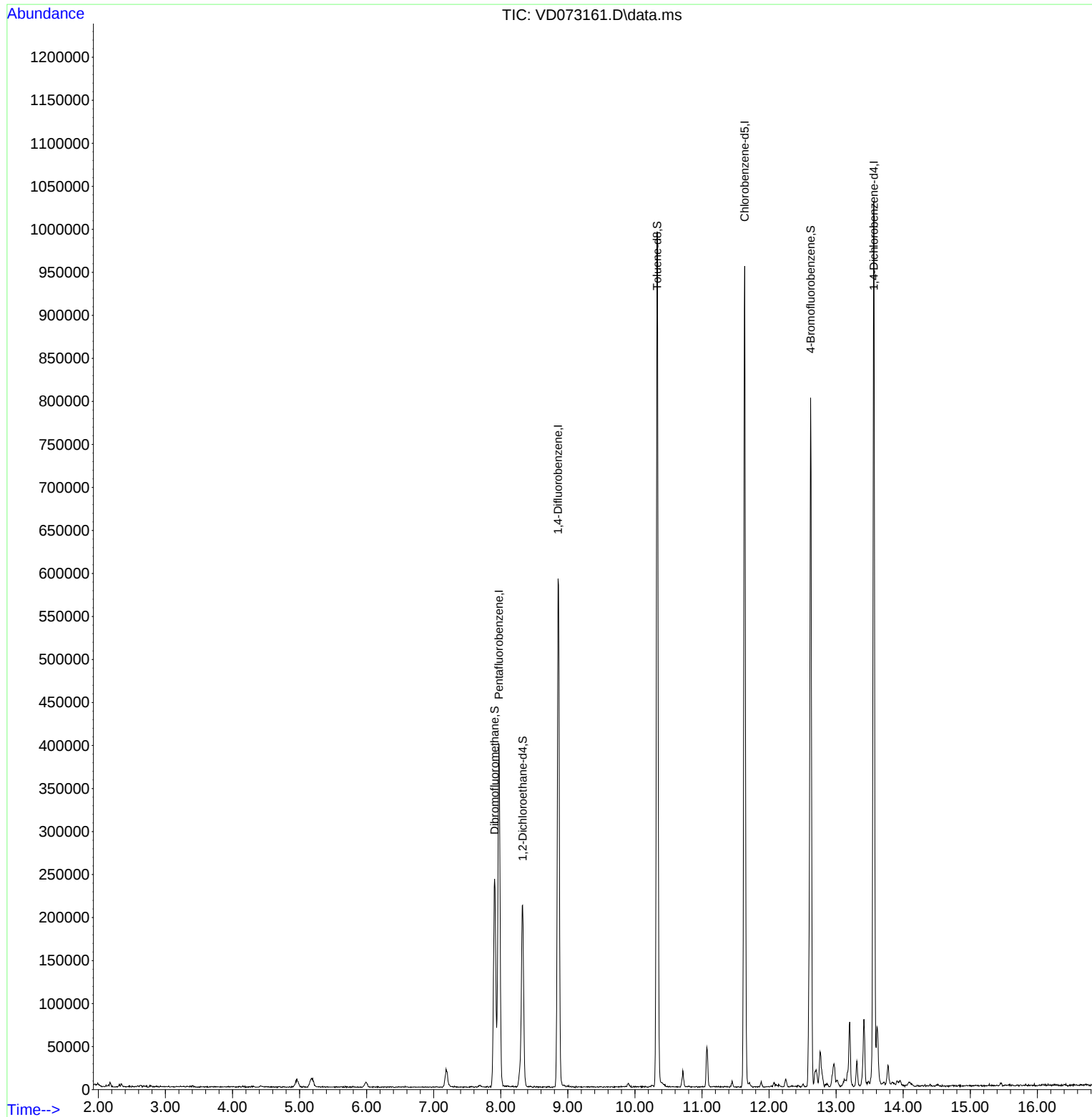
Target Compounds	Qvalue

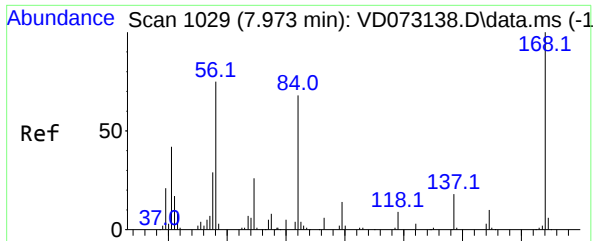
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073161.D

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MSVOA_D

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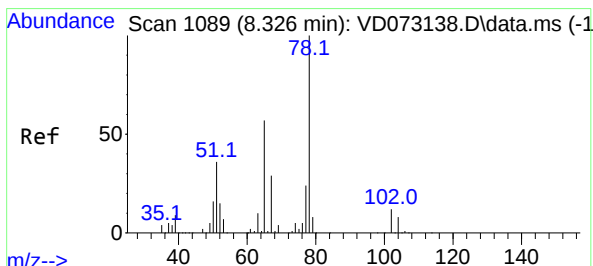
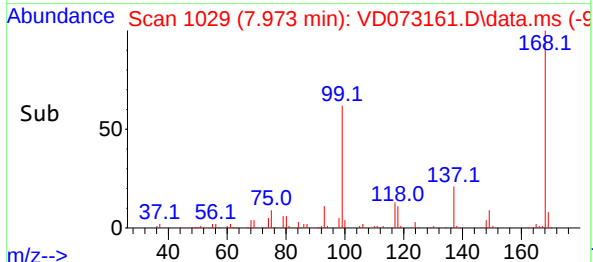
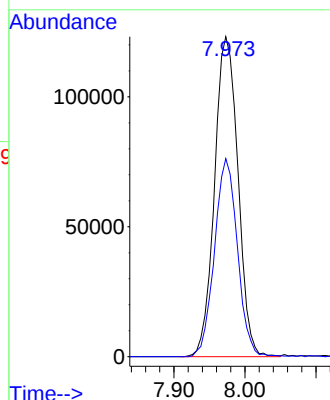
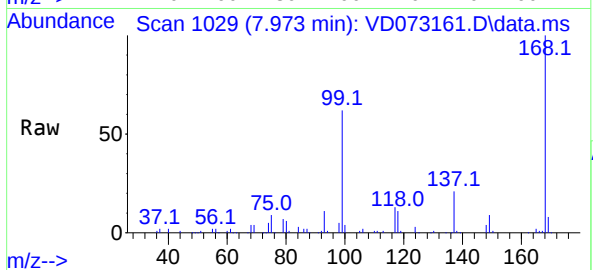
P016-SS005-0006-01

Tgt Ion:168 Resp: 281714

Ion Ratio Lower Upper

168 100

99 61.9 49.8 74.6



1,2-Dichloroethane-d4

Concen: 55.032 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073161.D

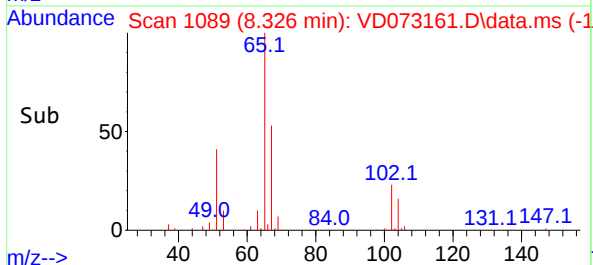
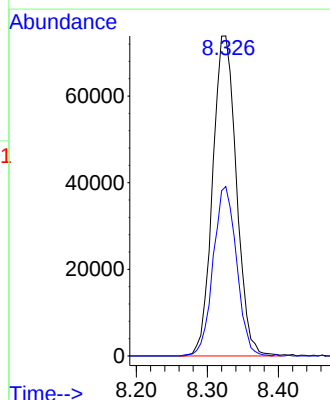
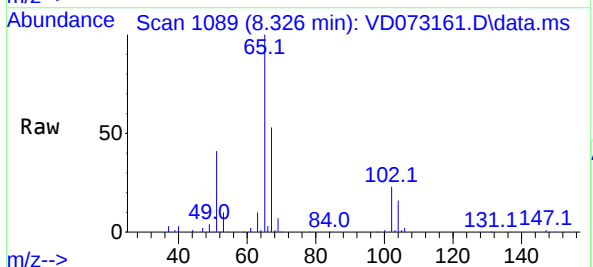
Acq: 20 May 2022 02:02

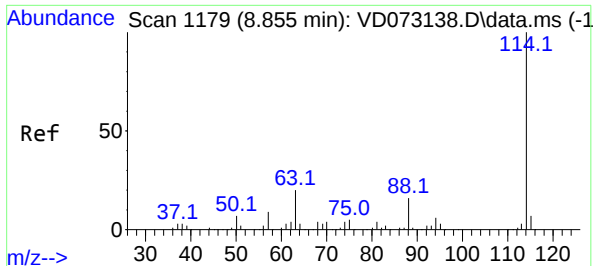
Tgt Ion: 65 Resp: 171332

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.4

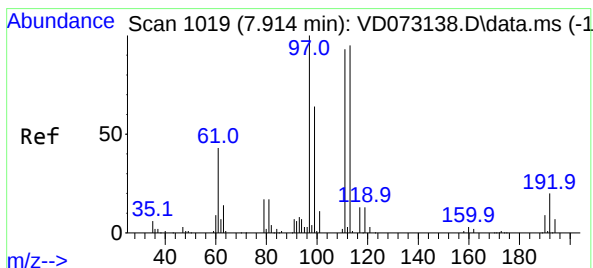
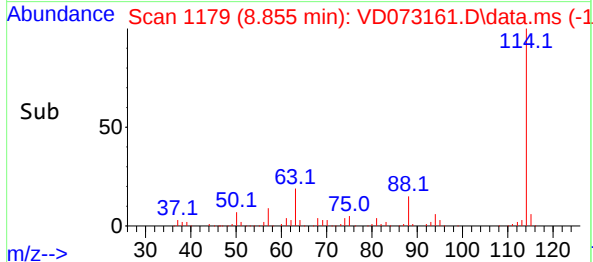
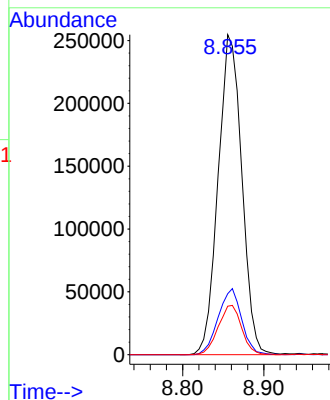
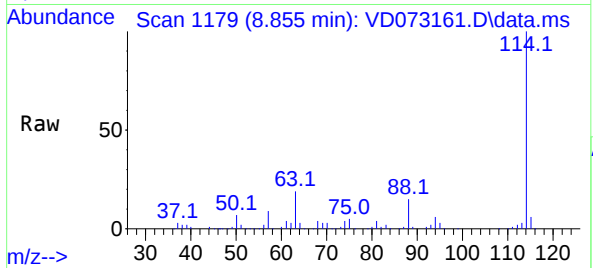




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073161.D
Acq: 20 May 2022 02:02

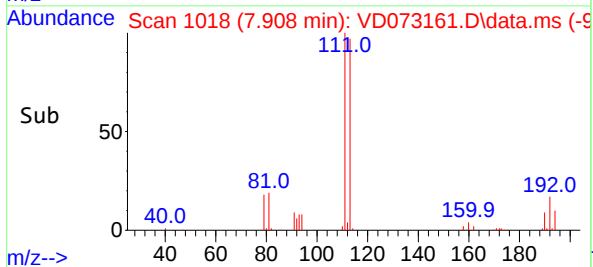
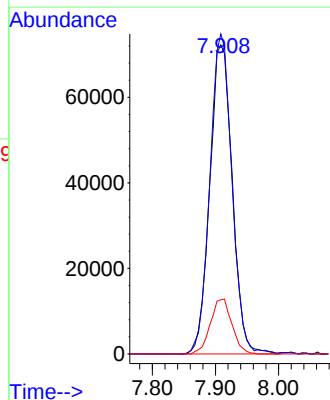
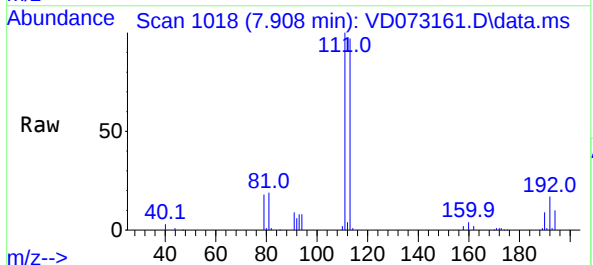
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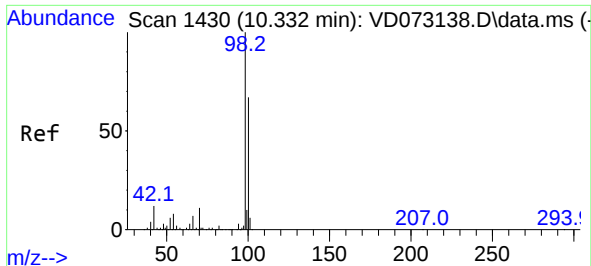
Tgt Ion:114 Resp: 516093
Ion Ratio Lower Upper
114 100
63 19.1 0.0 46.6
88 15.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 52.552 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073161.D
Acq: 20 May 2022 02:02

Tgt Ion:113 Resp: 178967
Ion Ratio Lower Upper
113 100
111 101.3 83.8 125.6
192 17.0 14.6 21.8

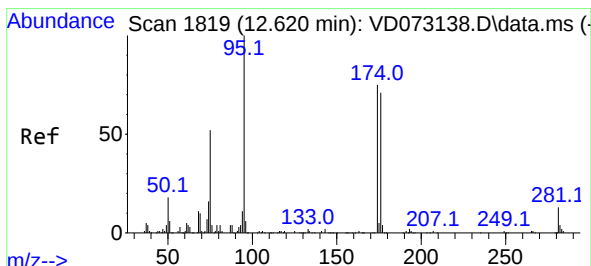
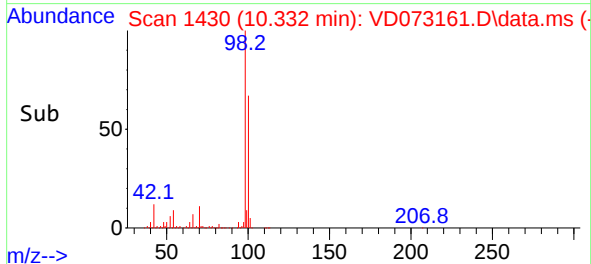
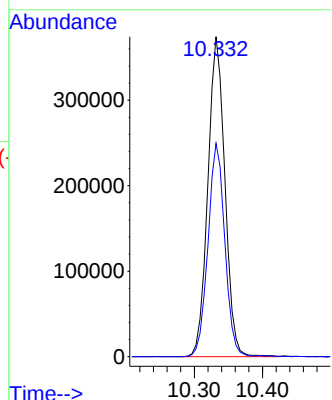
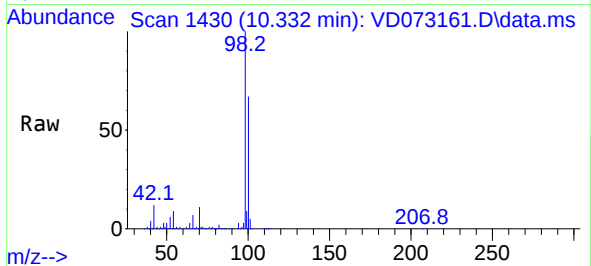




#50
Toluene-d8
Concen: 51.895 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073161.D
Acq: 20 May 2022 02:02

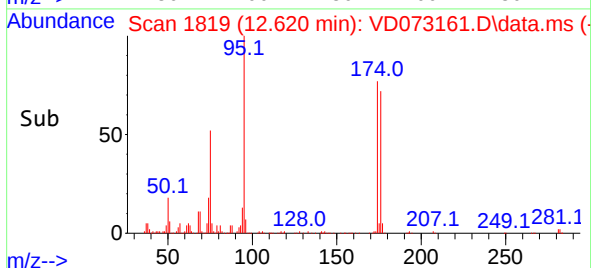
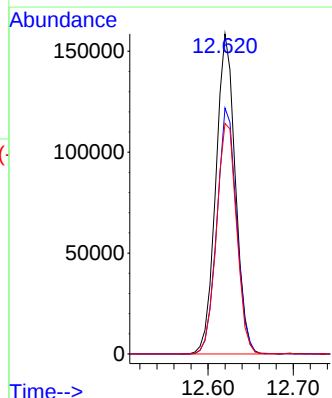
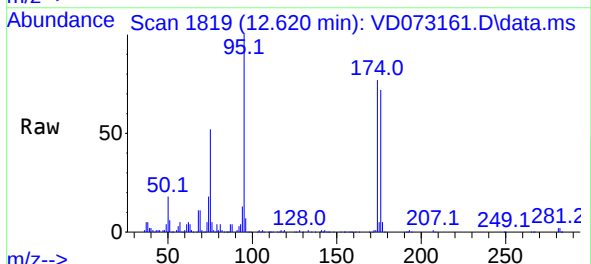
Instrument :
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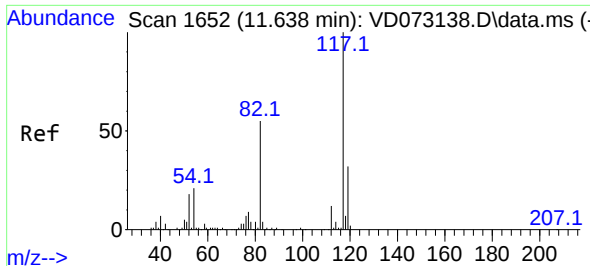
Tgt Ion: 98 Resp: 651473
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 57.430 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073161.D
Acq: 20 May 2022 02:02

Tgt Ion: 95 Resp: 253013
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 74.1 0.0 145.4

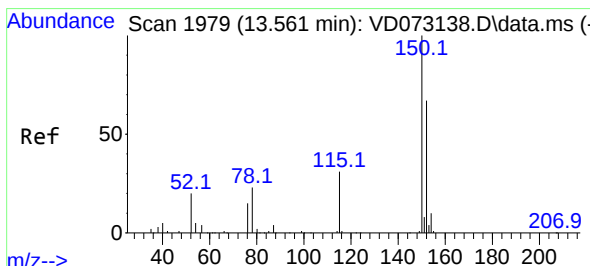
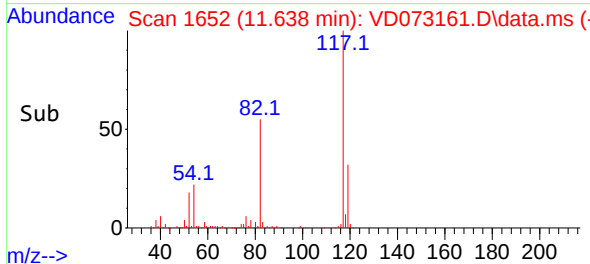
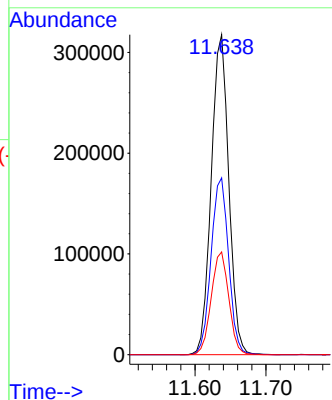
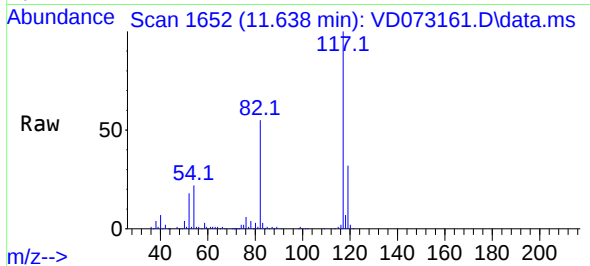




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073161.D
Acq: 20 May 2022 02:02

Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01

Tgt Ion:	117	Resp:	543573
Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.3	67.9
119	32.1	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: VD073161.D
Acq: 20 May 2022 02:02

Tgt Ion:	152	Resp:	268432
Ion	Ratio	Lower	Upper
152	100		
115	60.1	31.3	93.8
150	156.0	0.0	348.6

