

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073130.D
 Acq On : 19 May 2022 07:34
 Operator : VA/SY
 Sample : N2842-05
 Misc : 6.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS001-1218-01

Quant Time: May 19 08:40:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	275052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	501495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	529219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	240538	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	164753	47.897	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.800%
35) Dibromofluoromethane	7.908	113	174641	49.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.200%
50) Toluene-d8	10.332	98	633832	49.620	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.620	95	222399	48.070	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.140%

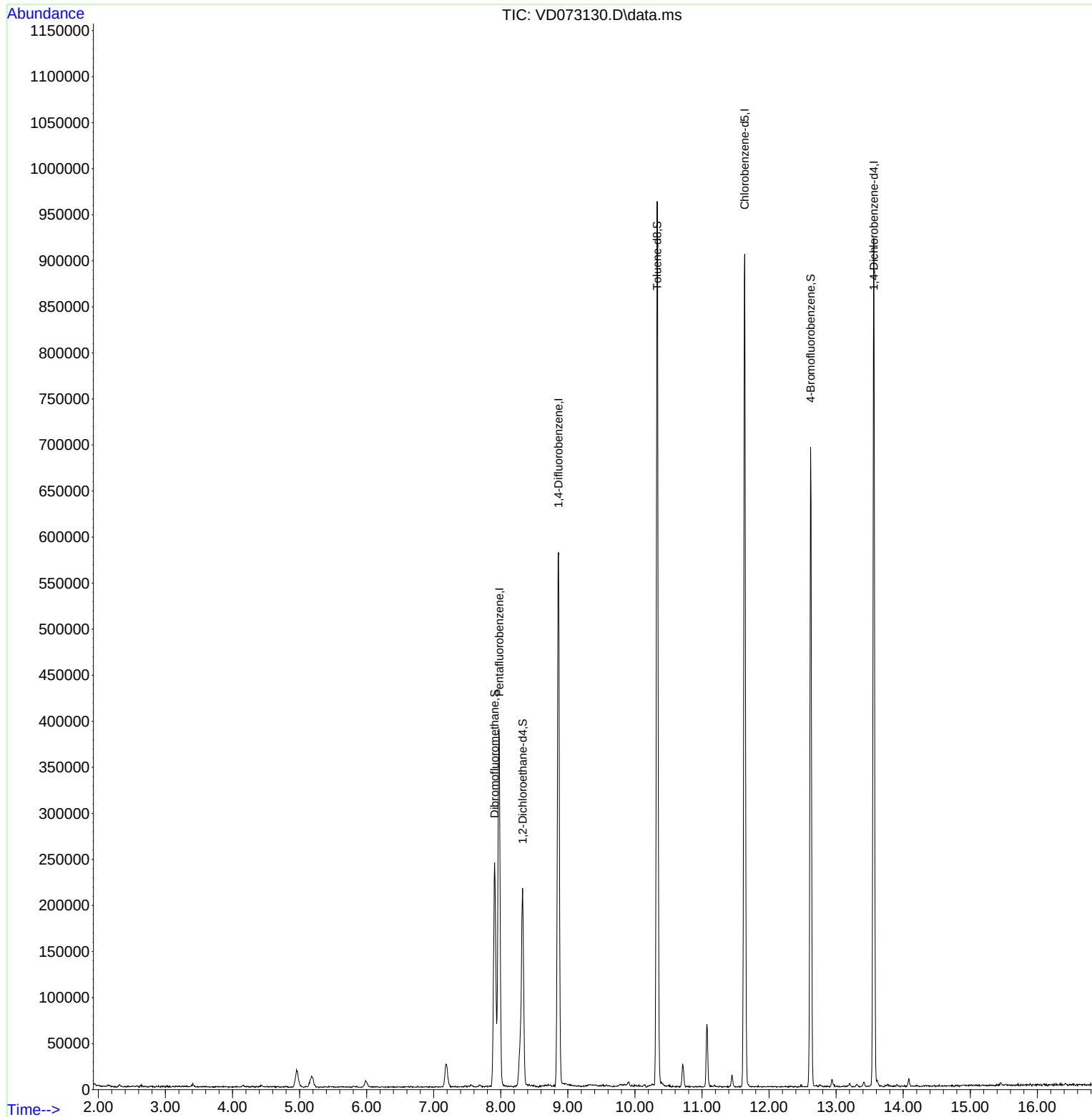
Target Compounds	Qvalue

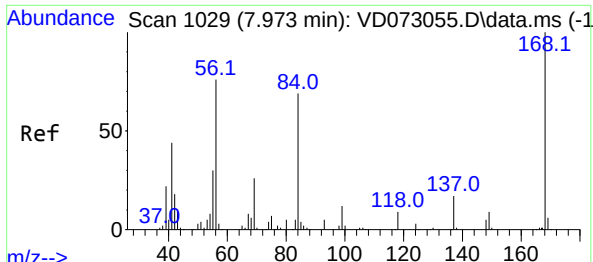
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD073130.D

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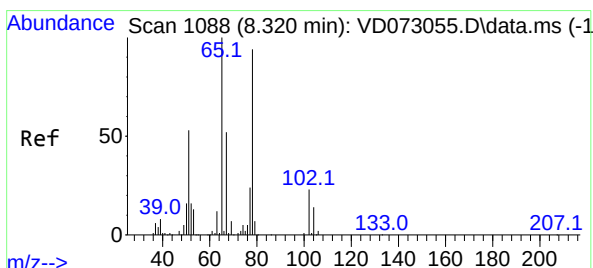
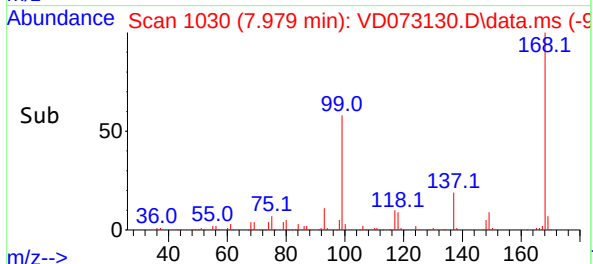
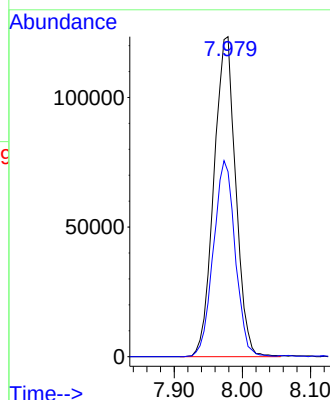
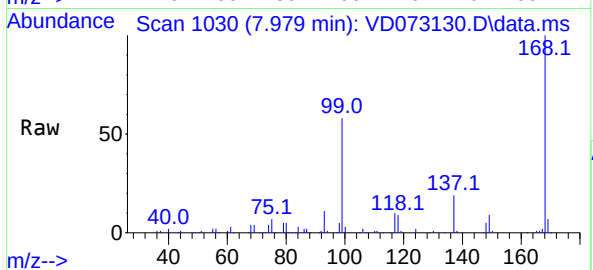
P016-SS001-1218-01

Tgt Ion:168 Resp: 275052

Ion Ratio Lower Upper

168 100

99 57.8 49.8 74.6



1,2-Dichloroethane-d4

Concen: 47.897 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD073130.D

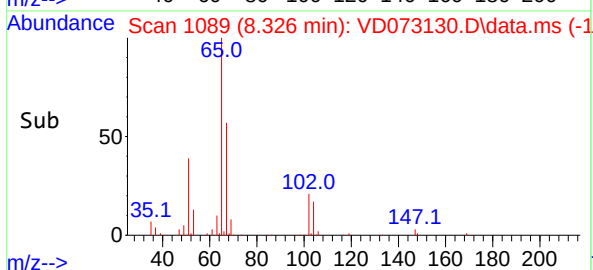
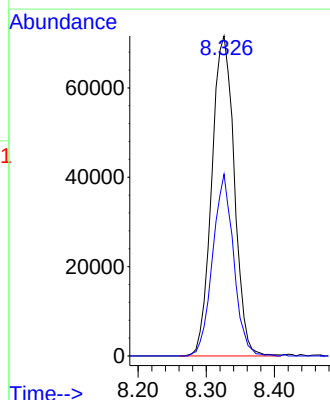
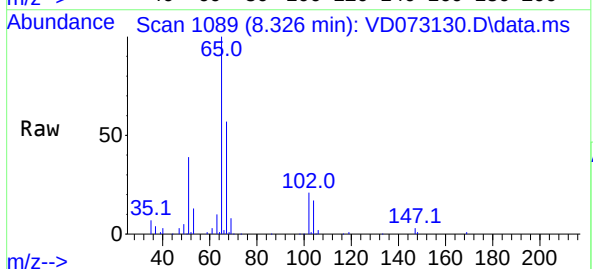
Acq: 19 May 2022 07:34

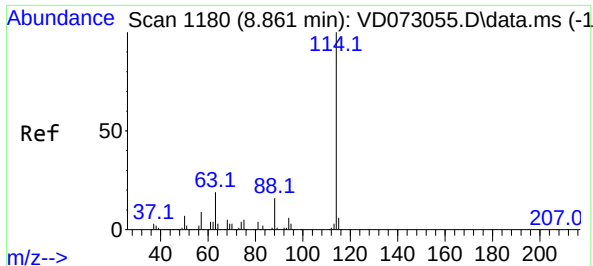
Tgt Ion: 65 Resp: 164753

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.4

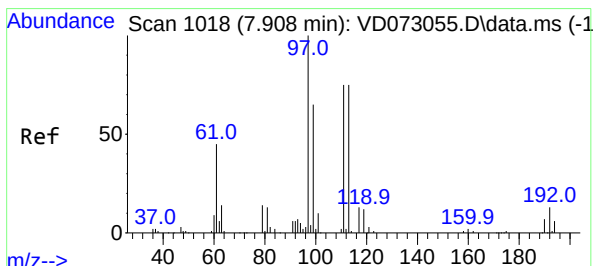
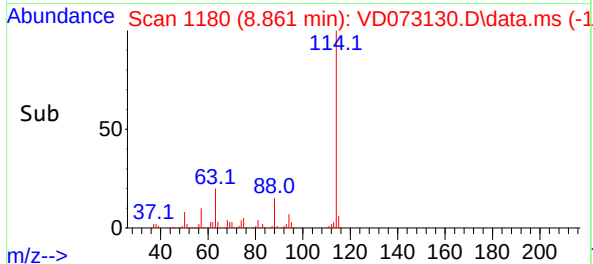
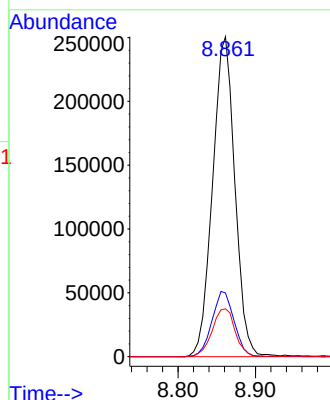
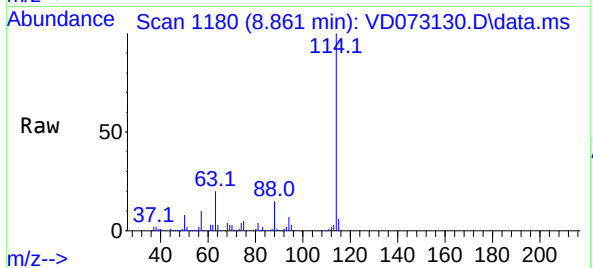




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD073130.D
Acq: 19 May 2022 07:34

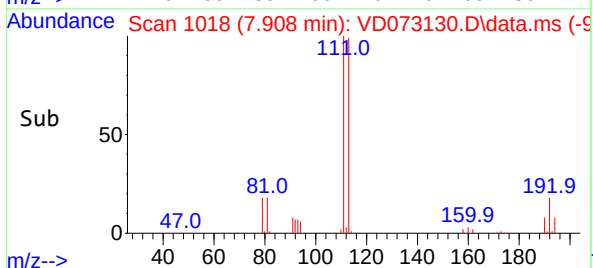
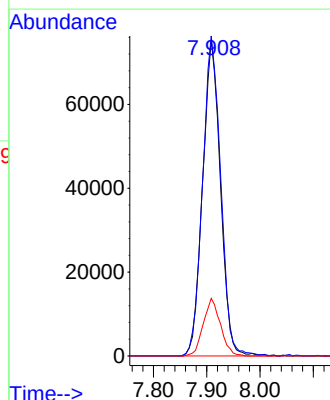
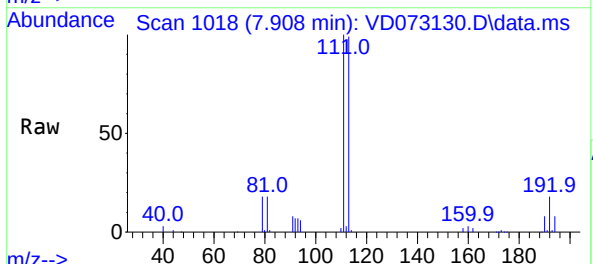
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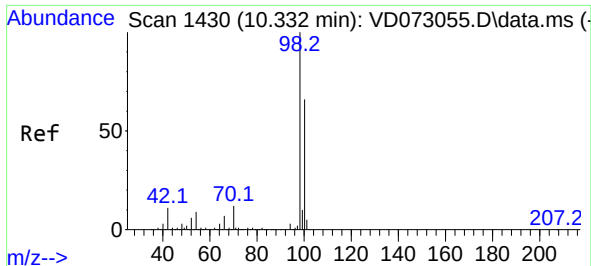
Tgt Ion:	114	Resp:	501495
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	46.6
88	14.9	0.0	33.2



#35
Dibromofluoromethane
Concen: 49.599 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073130.D
Acq: 19 May 2022 07:34

Tgt Ion:	113	Resp:	174641
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.8	125.6
192	17.6	14.6	21.8

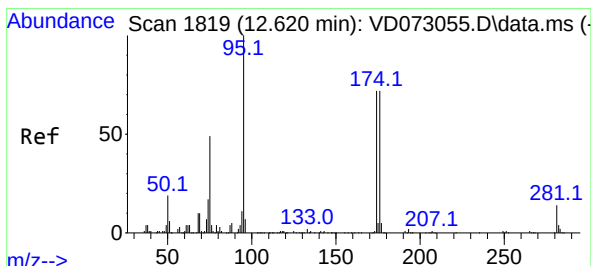
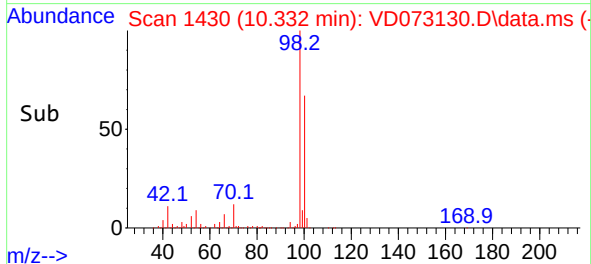
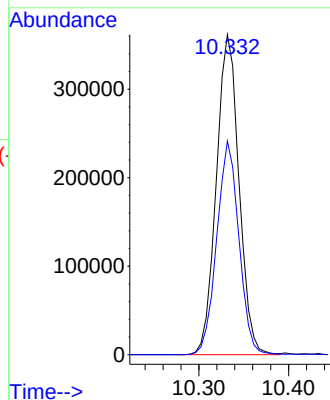
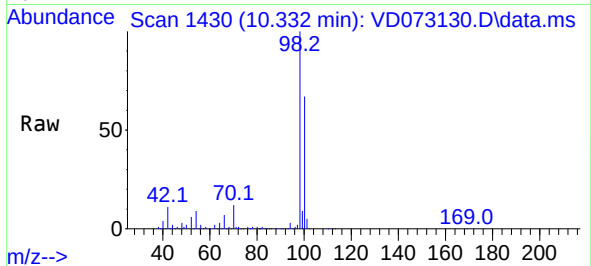




#50
Toluene-d8
Concen: 49.620 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073130.D
Acq: 19 May 2022 07:34

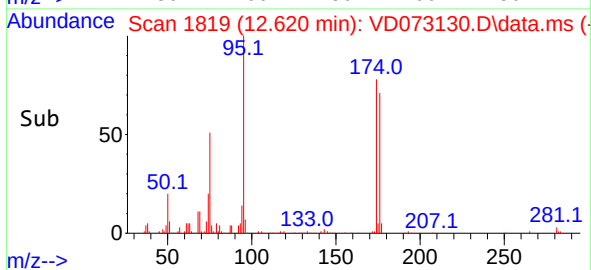
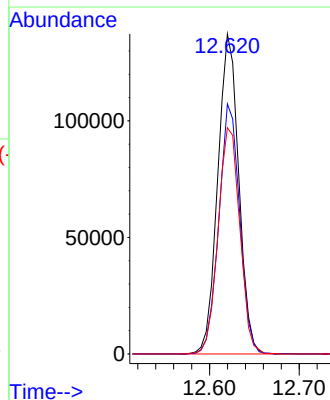
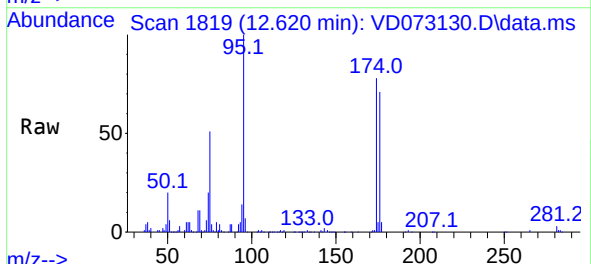
Instrument :
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P016-SS001-1218-01

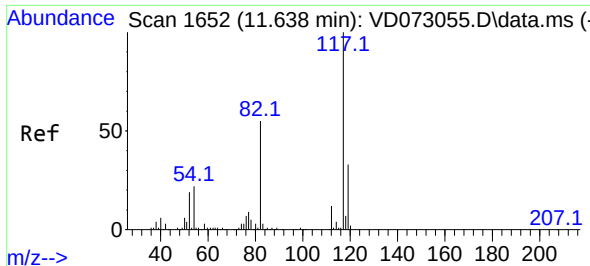
Tgt Ion: 98 Resp: 633832
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.070 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073130.D
Acq: 19 May 2022 07:34

Tgt Ion: 95 Resp: 222399
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.8
176 73.2 0.0 145.4

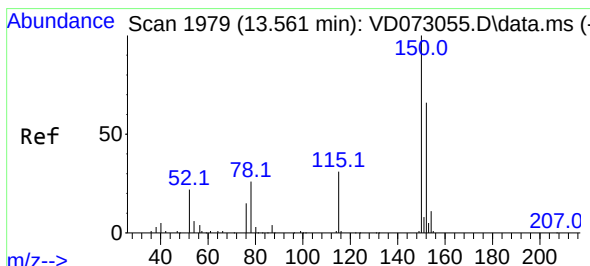
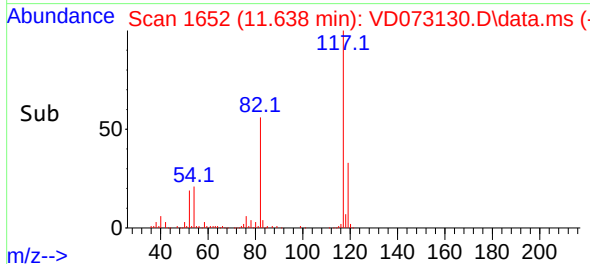
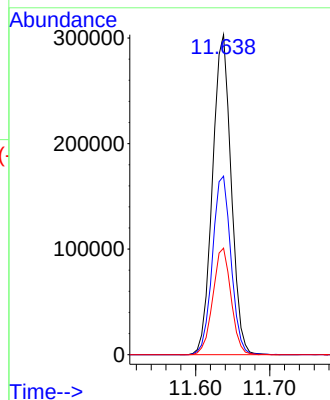
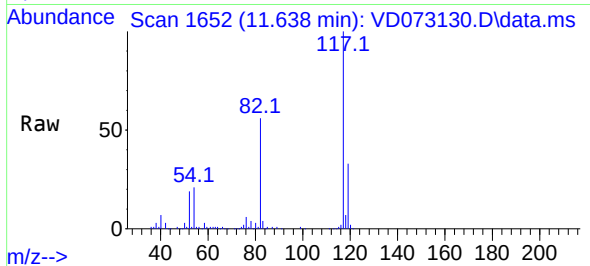




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073130.D
Acq: 19 May 2022 07:34

Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-1218-01

Tgt Ion:117 Resp: 529219
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 33.3 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: VD073130.D
Acq: 19 May 2022 07:34

Tgt Ion:152 Resp: 240538
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 156.0 0.0 348.6

