

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072830.D
 Acq On : 06 May 2022 02:14
 Operator : VA/SY
 Sample : N2680-03
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B2-0-2

Quant Time: May 06 03:55:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

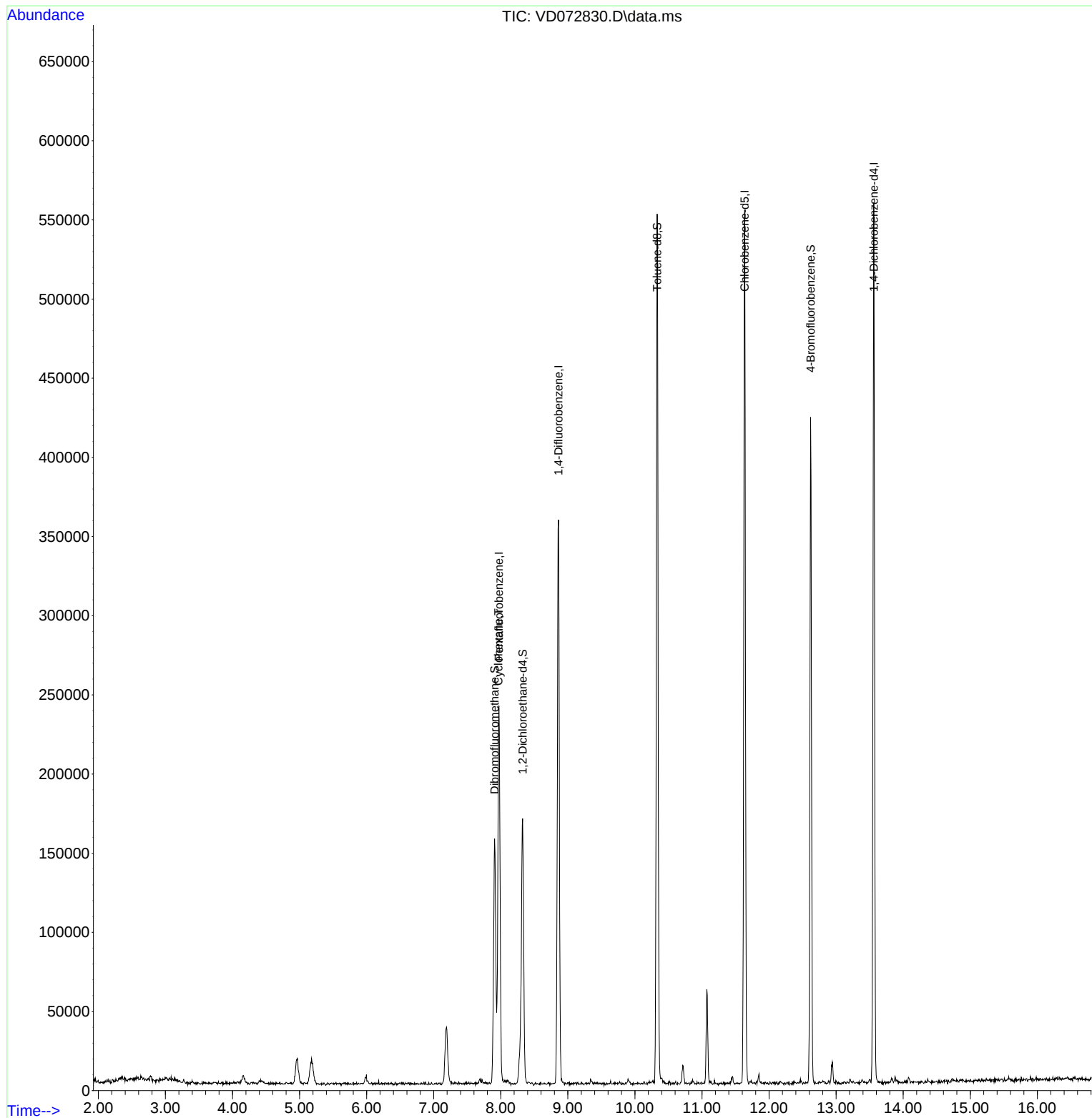
Internal Standards						
1) Pentafluorobenzene	7.973	168	167678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	298090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	303047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	135194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	131419	60.378	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.760%	
35) Dibromofluoromethane	7.908	113	110054	52.569	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.140%	
50) Toluene-d8	10.332	98	359666	47.894	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.780%	
62) 4-Bromofluorobenzene	12.620	95	132822	47.434	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.860%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.967	56	5103	1.341	ug/l #	49

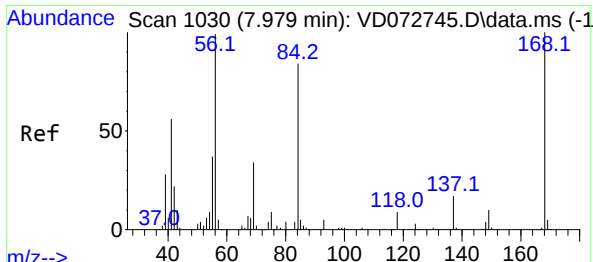
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072830.D

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MSVOA_D

ClientSampleId :

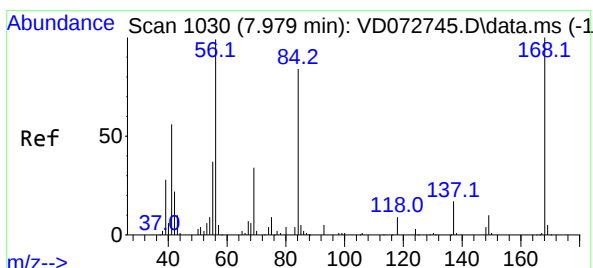
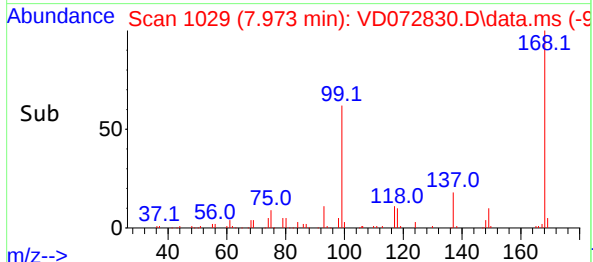
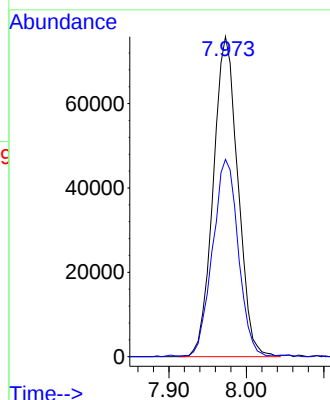
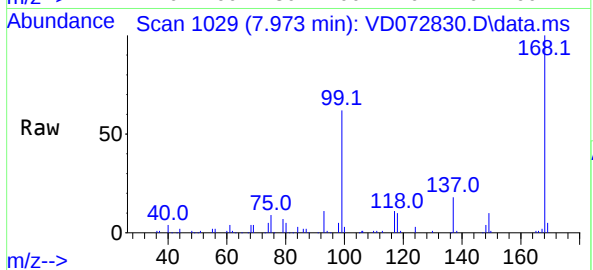
B2-0-2

Tgt Ion:168 Resp: 167678

Ion Ratio Lower Upper

168 100

99 61.4 49.8 74.6



Cyclohexane

Concen: 1.341 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD072830.D

Acq: 06 May 2022 02:14

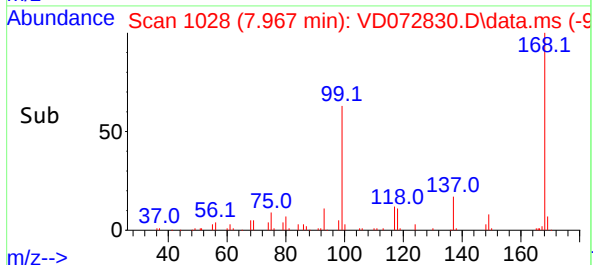
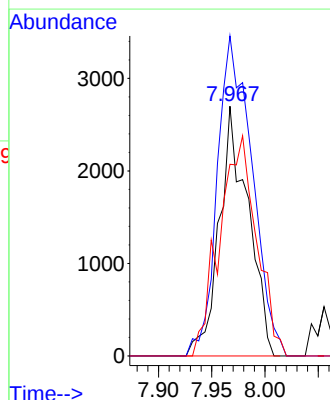
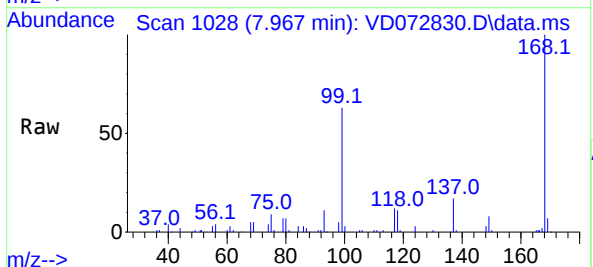
Tgt Ion: 56 Resp: 5103

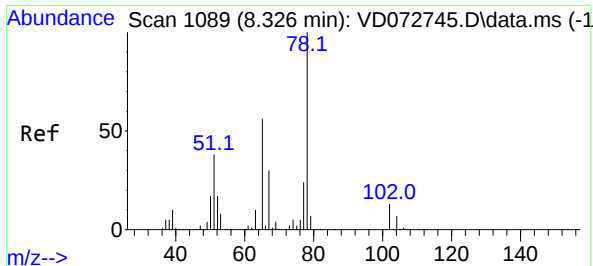
Ion Ratio Lower Upper

56 100

69 128.1 25.4 38.2#

84 76.7 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 60.378 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072830.D

Acq: 06 May 2022 02:14

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ClientSampleId :

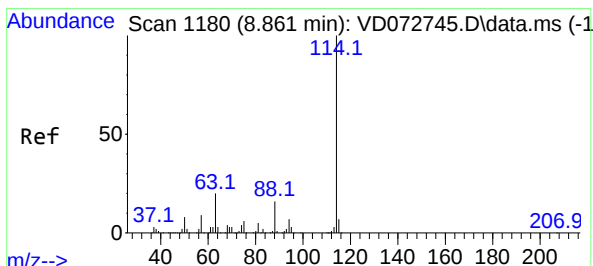
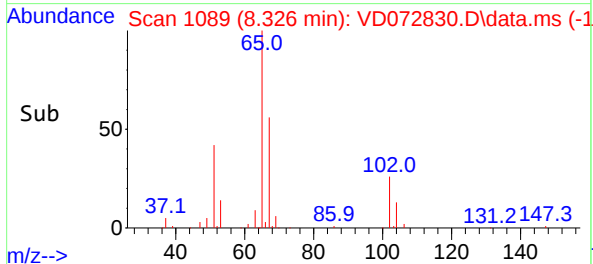
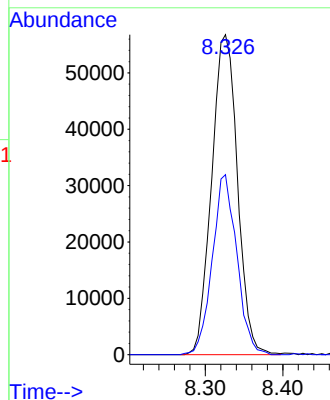
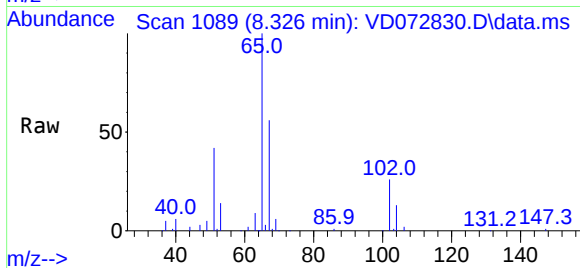
B2-0-2

Tgt Ion: 65 Resp: 131419

Ion Ratio Lower Upper

65 100

67 53.3 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: VD072830.D

Acq: 06 May 2022 02:14

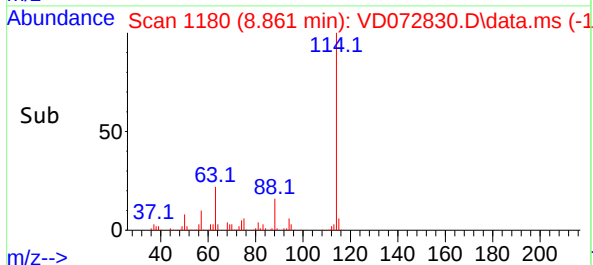
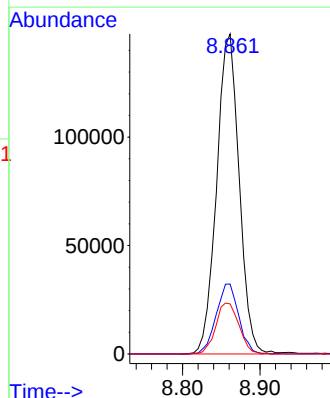
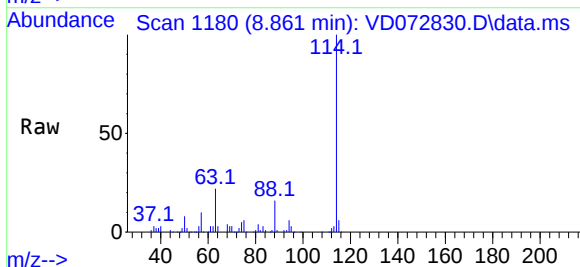
Tgt Ion: 114 Resp: 298090

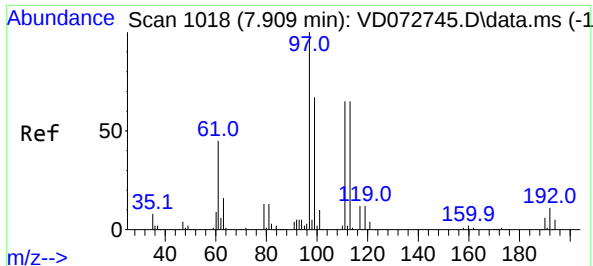
Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.6

88 15.7 0.0 33.2

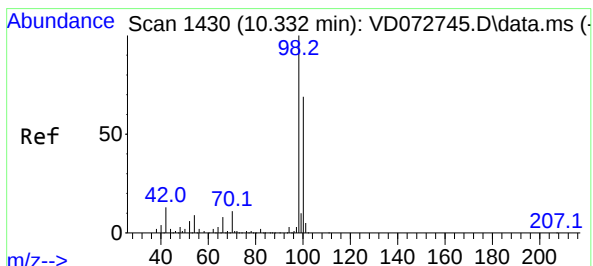
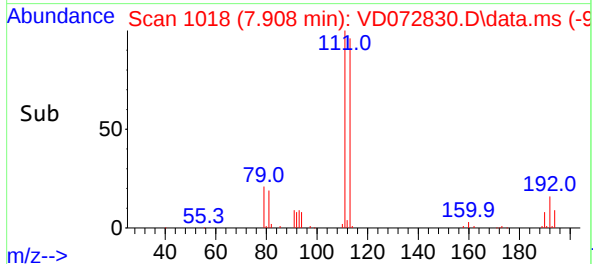
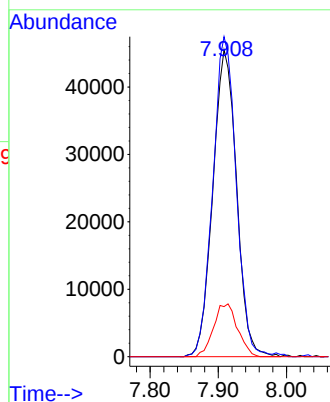
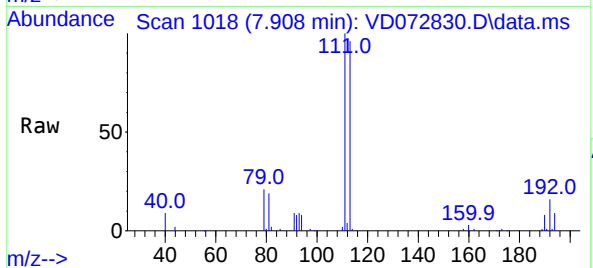




#35
Dibromofluoromethane
Concen: 52.569 ug/l
RT: 7.908 min Scan# 110
Delta R.T. -0.001 min
Lab File: VD072830.D
Acq: 06 May 2022 02:14

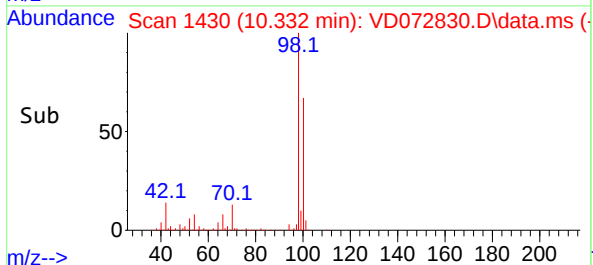
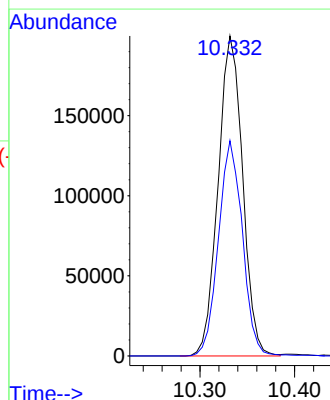
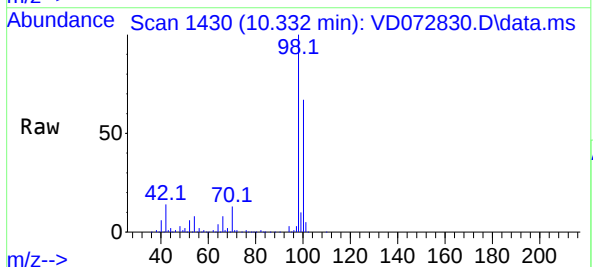
Instrument :
MSVOA_D
ClientSampleId :
B2-0-2

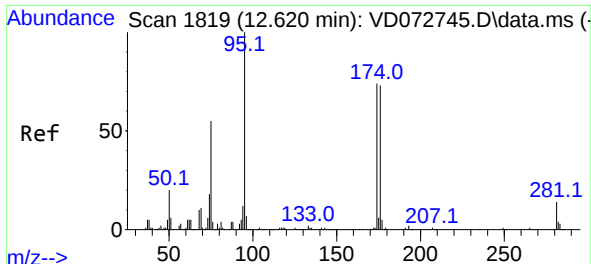
Tgt Ion:113 Resp: 110054
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 17.4 14.6 21.8



#50
Toluene-d8
Concen: 47.894 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072830.D
Acq: 06 May 2022 02:14

Tgt Ion: 98 Resp: 359666
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6

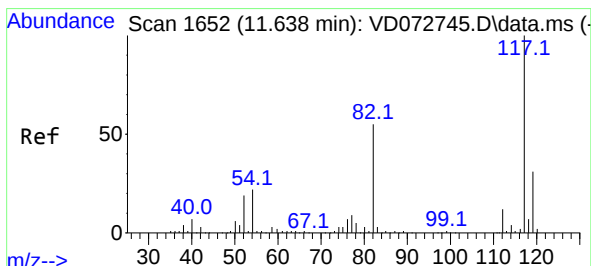
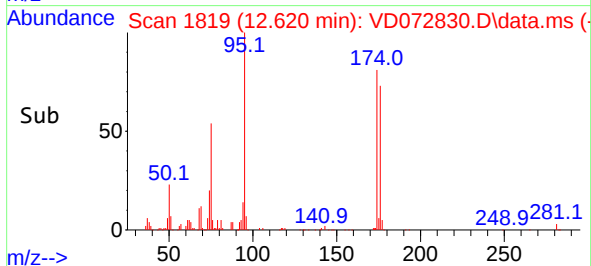
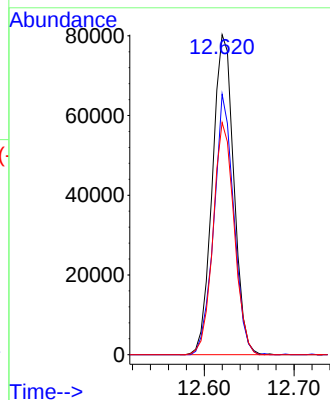
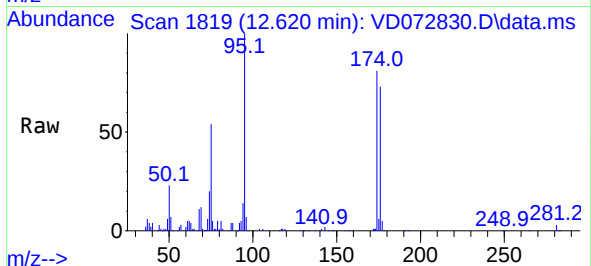




#62
4-Bromofluorobenzene
Concen: 47.434 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072830.D
Acq: 06 May 2022 02:14

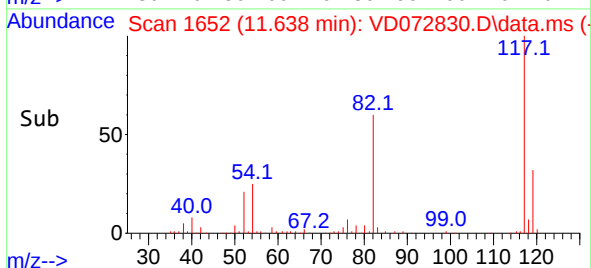
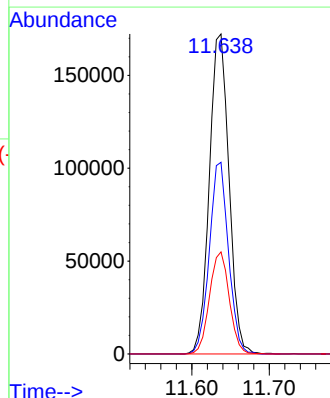
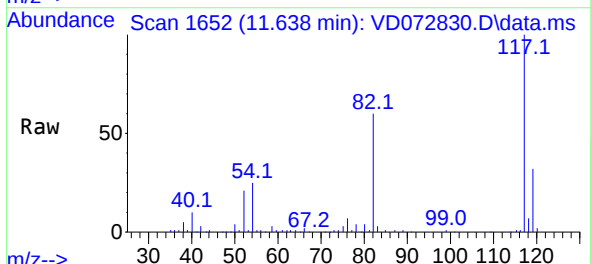
Instrument :
MSVOA_D
ClientSampleId :
B2-0-2

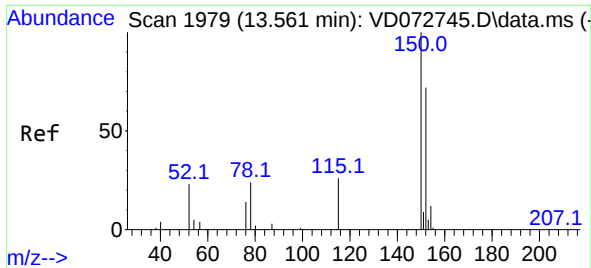
Tgt Ion: 95 Resp: 132822
Ion Ratio Lower Upper
95 100
174 75.5 0.0 152.8
176 71.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072830.D
Acq: 06 May 2022 02:14

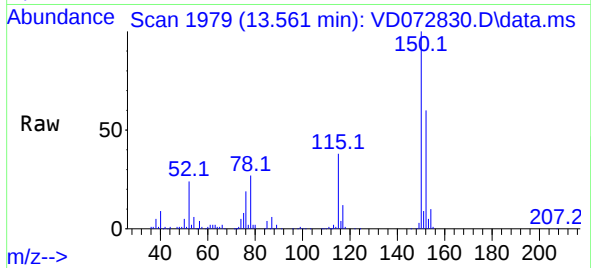
Tgt Ion: 117 Resp: 303047
Ion Ratio Lower Upper
117 100
82 59.9 45.3 67.9
119 31.9 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD072830.D
 Acq: 06 May 2022 02:14

Instrument :
 MSVOA_D
 ClientSampleId :
 B2-0-2



Tgt Ion:152 Resp: 135194
 Ion Ratio Lower Upper
 152 100
 115 63.2 31.3 93.8
 150 159.6 0.0 348.6

