

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072805.D
 Acq On : 05 May 2022 12:52
 Operator : VA/SY
 Sample : N2677-06
 Misc : 8.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2,13

Quant Time: May 06 03:48:09 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)

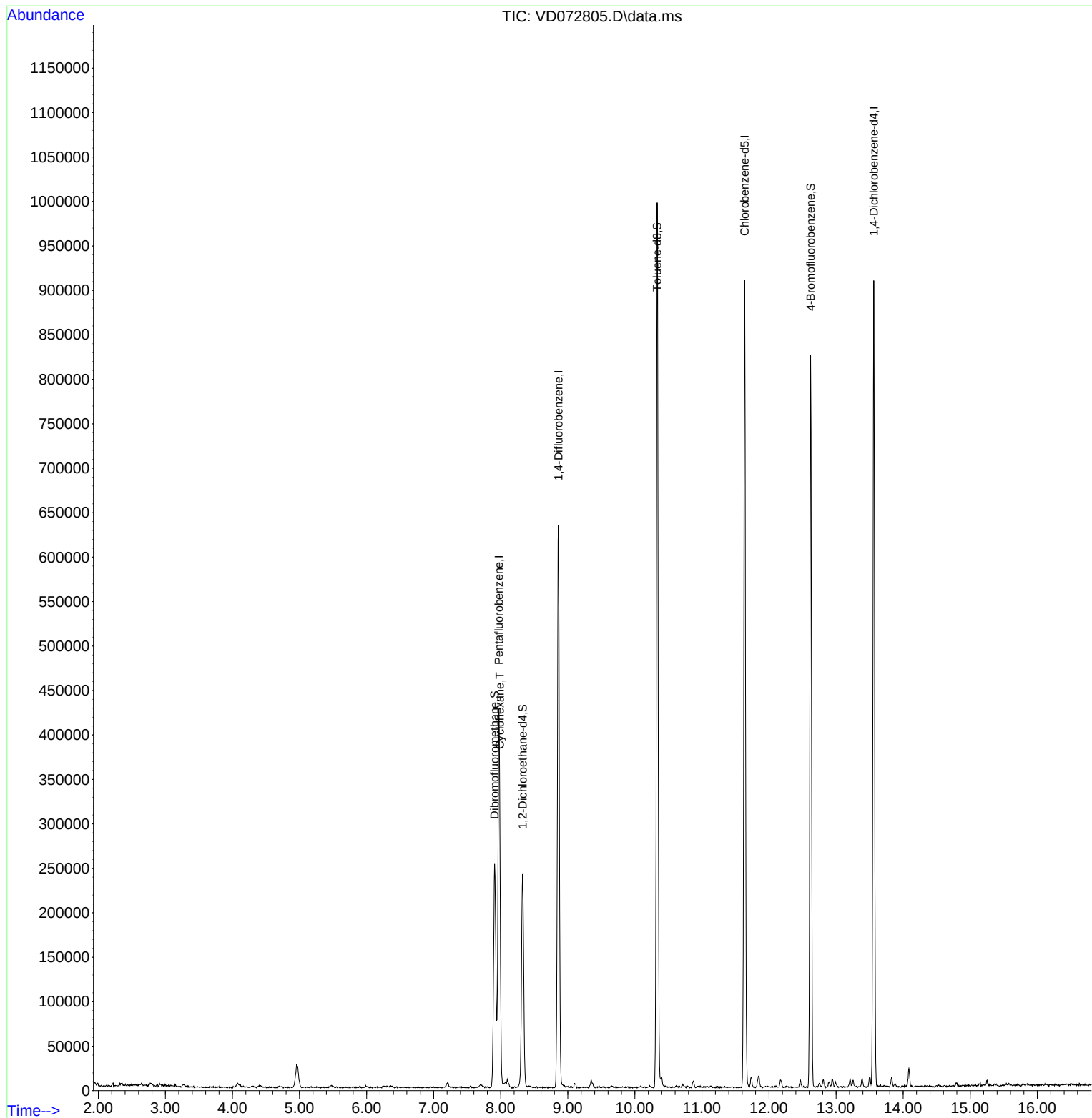
Internal Standards						
1) Pentafluorobenzene	7.973	168	297873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	529119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	524340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	236011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	187876	48.589	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.180%
35) Dibromofluoromethane	7.909	113	180372	48.539	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.080%
50) Toluene-d8	10.332	98	652477	48.948	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.900%
62) 4-Bromofluorobenzene	12.620	95	238809	48.047	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.100%
Target Compounds						
					Qvalue	
31) Cyclohexane	7.985	56	9828	1.454	ug/l #	49

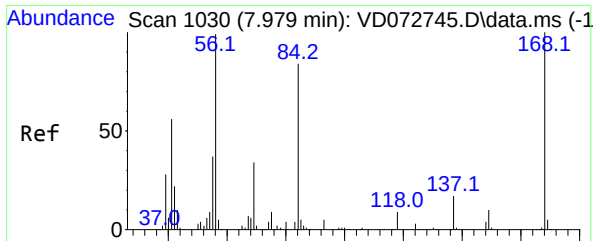
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072805.D

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MSVOA_D

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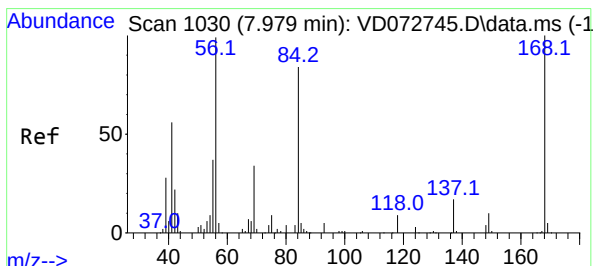
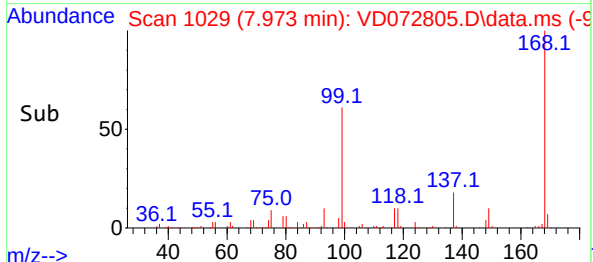
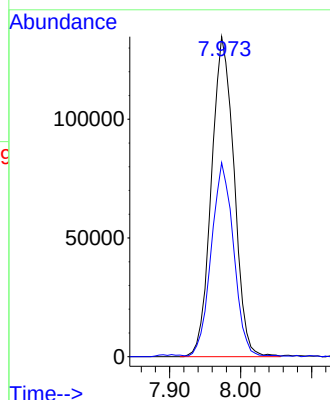
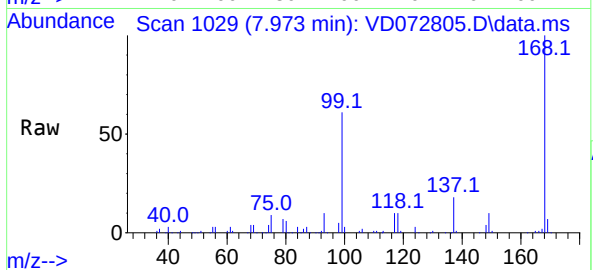
SB-2,13

Tgt Ion:168 Resp: 297873

Ion Ratio Lower Upper

168 100

99 60.4 49.8 74.6



Cyclohexane

Concen: 1.454 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VD072805.D

Acq: 05 May 2022 12:52

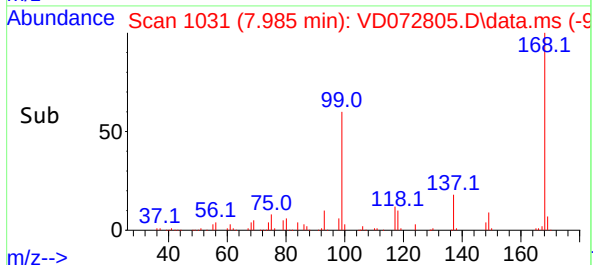
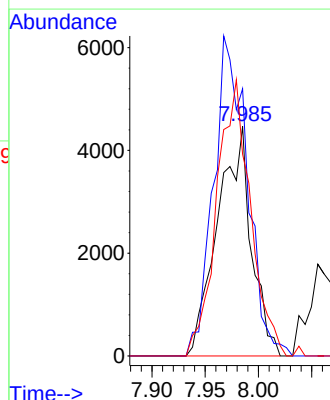
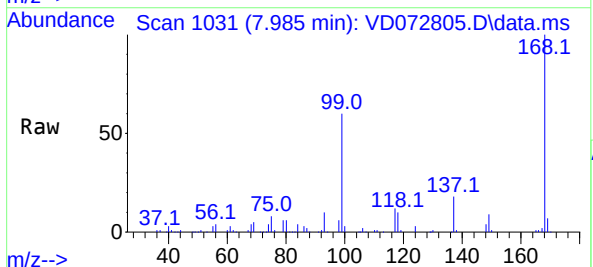
Tgt Ion: 56 Resp: 9828

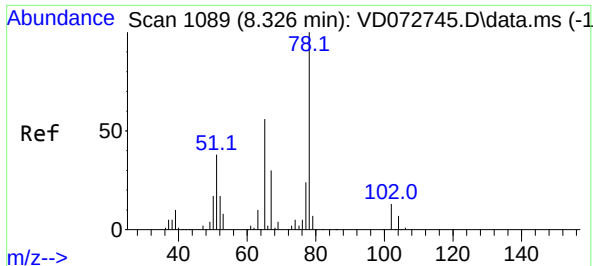
Ion Ratio Lower Upper

56 100

69 116.3 25.4 38.2#

84 87.8 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 48.589 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072805.D

Acq: 05 May 2022 12:52

Instrument :

MSVOA_D

ClientSampleId :

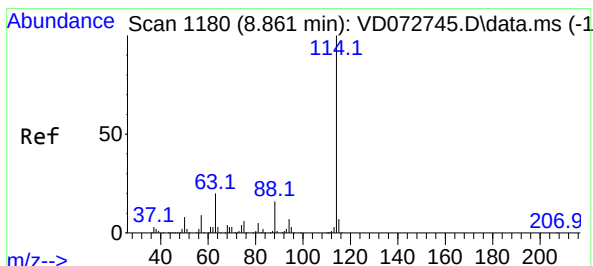
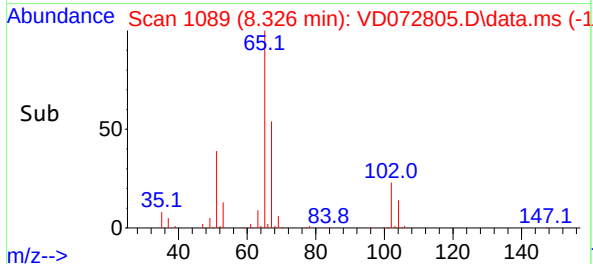
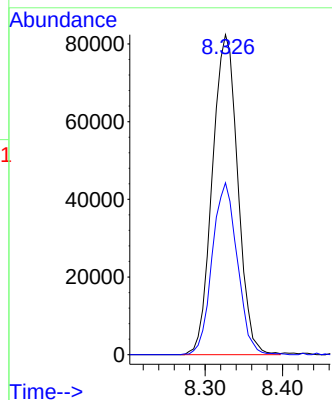
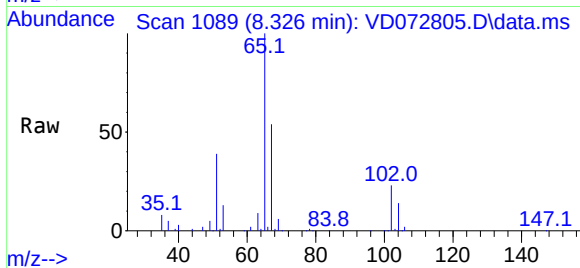
SB-2,13

Tgt Ion: 65 Resp: 187876

Ion Ratio Lower Upper

65 100

67 53.1 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: VD072805.D

Acq: 05 May 2022 12:52

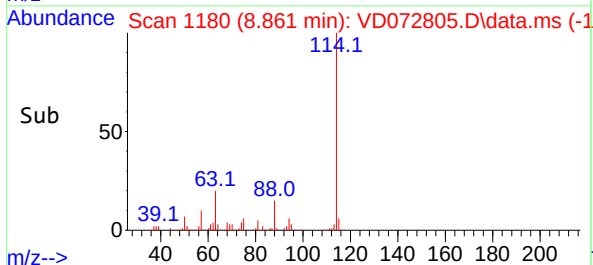
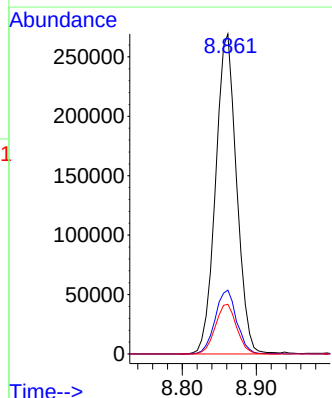
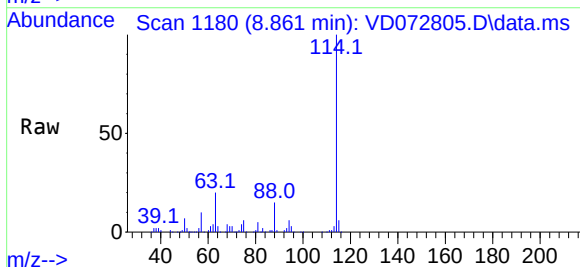
Tgt Ion: 114 Resp: 529119

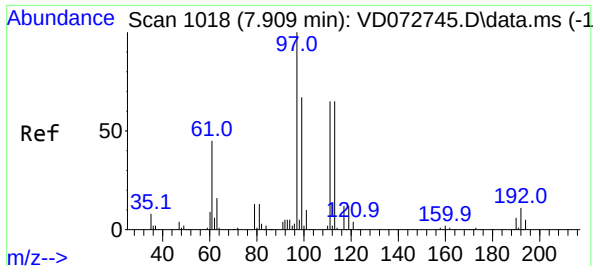
Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 15.5 0.0 33.2

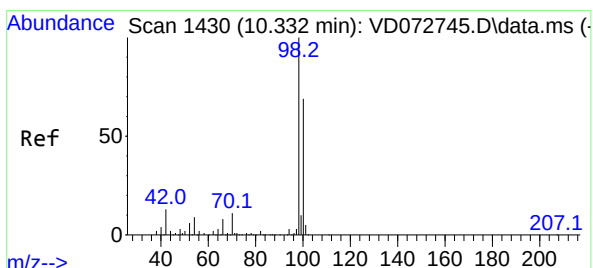
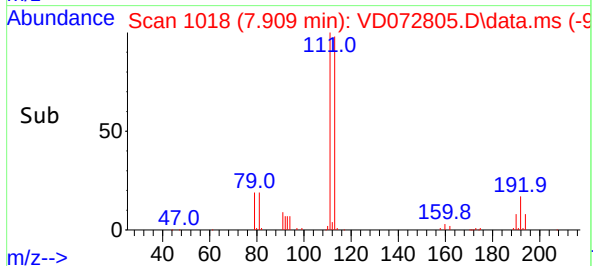
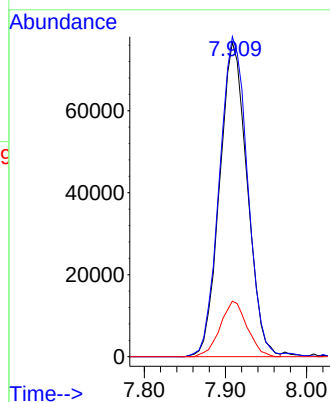
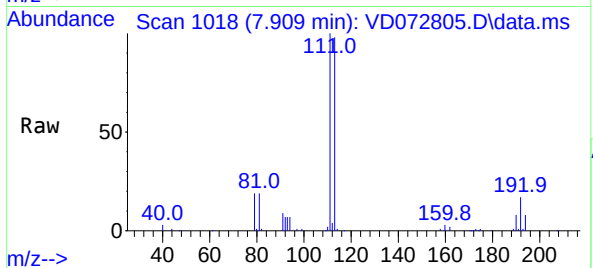




#35
Dibromofluoromethane
Concen: 48.539 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072805.D
Acq: 05 May 2022 12:52

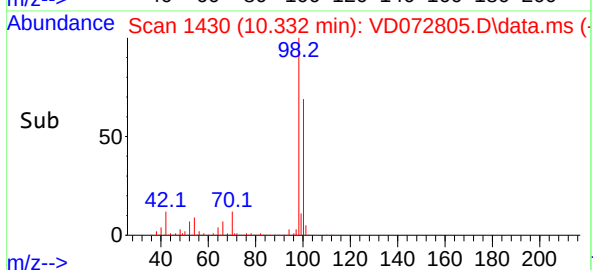
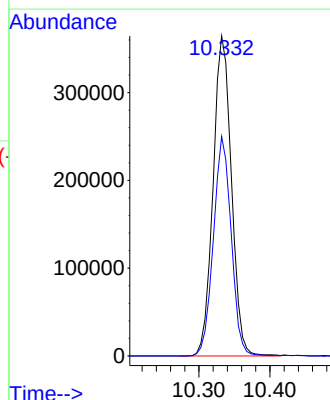
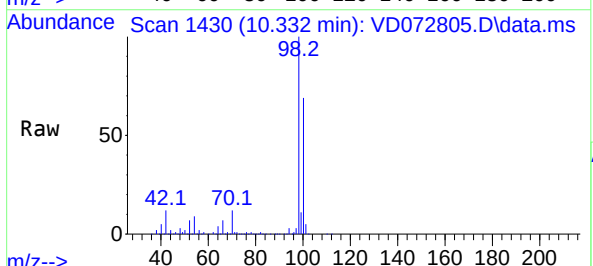
Instrument :
MSVOA_D
ClientSampleId :
SB-2,13

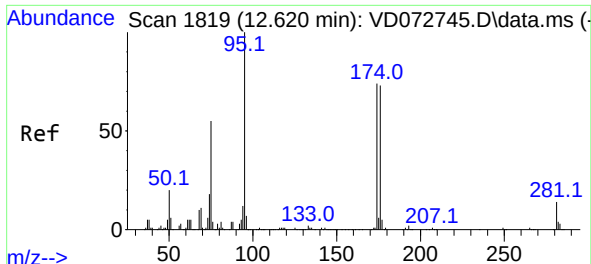
Tgt Ion:113 Resp: 180372
Ion Ratio Lower Upper
113 100
111 104.8 83.8 125.6
192 17.3 14.6 21.8



#50
Toluene-d8
Concen: 48.948 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072805.D
Acq: 05 May 2022 12:52

Tgt Ion: 98 Resp: 652477
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6

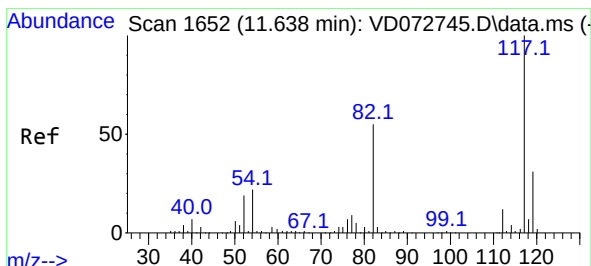
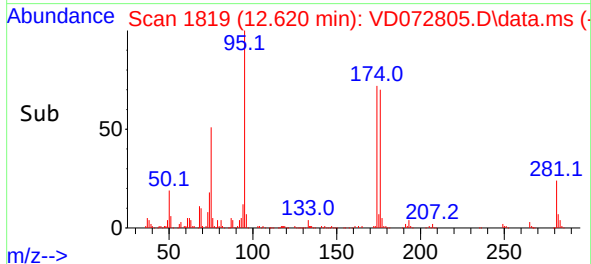
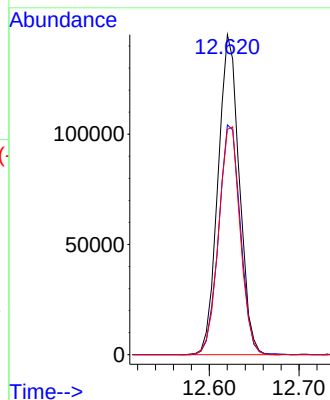
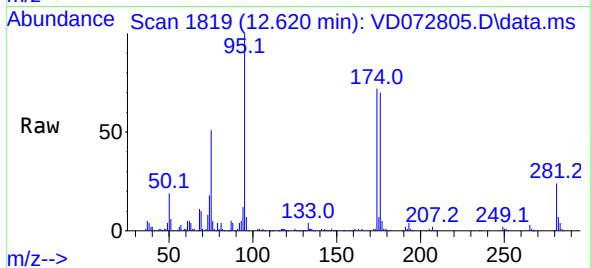




#62
4-Bromofluorobenzene
Concen: 48.047 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072805.D
Acq: 05 May 2022 12:52

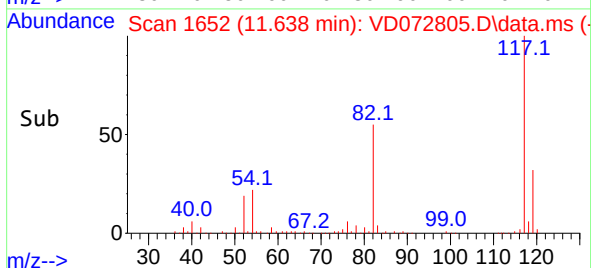
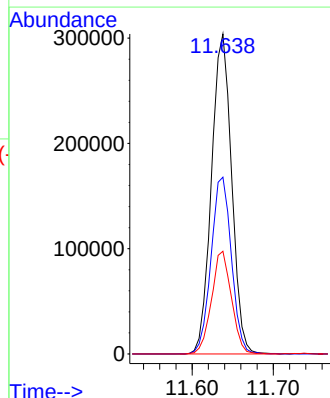
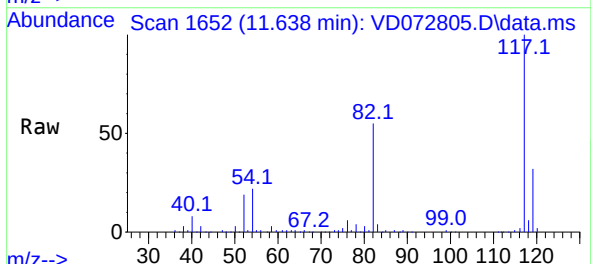
Instrument :
MSVOA_D
ClientSampleId :
SB-2,13

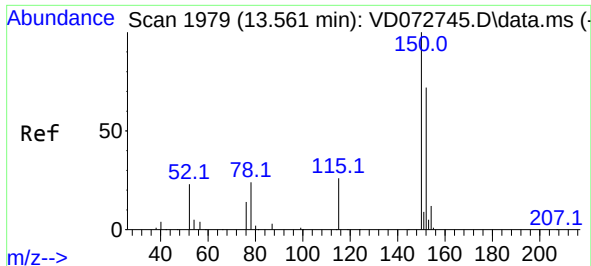
Tgt Ion: 95 Resp: 238809
Ion Ratio Lower Upper
95 100
174 73.6 0.0 152.8
176 72.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072805.D
Acq: 05 May 2022 12:52

Tgt Ion: 117 Resp: 524340
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: VD072805.D

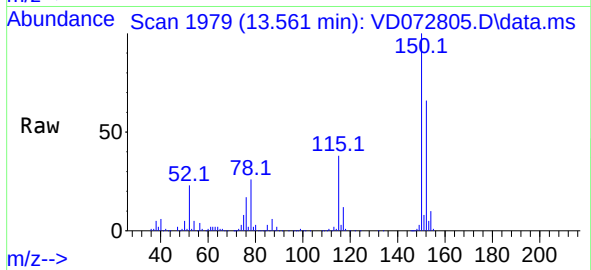
Acq: 05 May 2022 12:52

Instrument :

MSVOA_D

ClientSampleId :

SB-2,13



Tgt Ion:152 Resp: 236011

Ion Ratio Lower Upper

152 100

115 61.3 31.3 93.8

150 157.7 0.0 348.6

