

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
 Data File : VD072611.D
 Acq On : 18 Apr 2022 21:37
 Operator : VA/SY
 Sample : N2444-13
 Misc : 5.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13

Quant Time: Apr 19 02:53:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

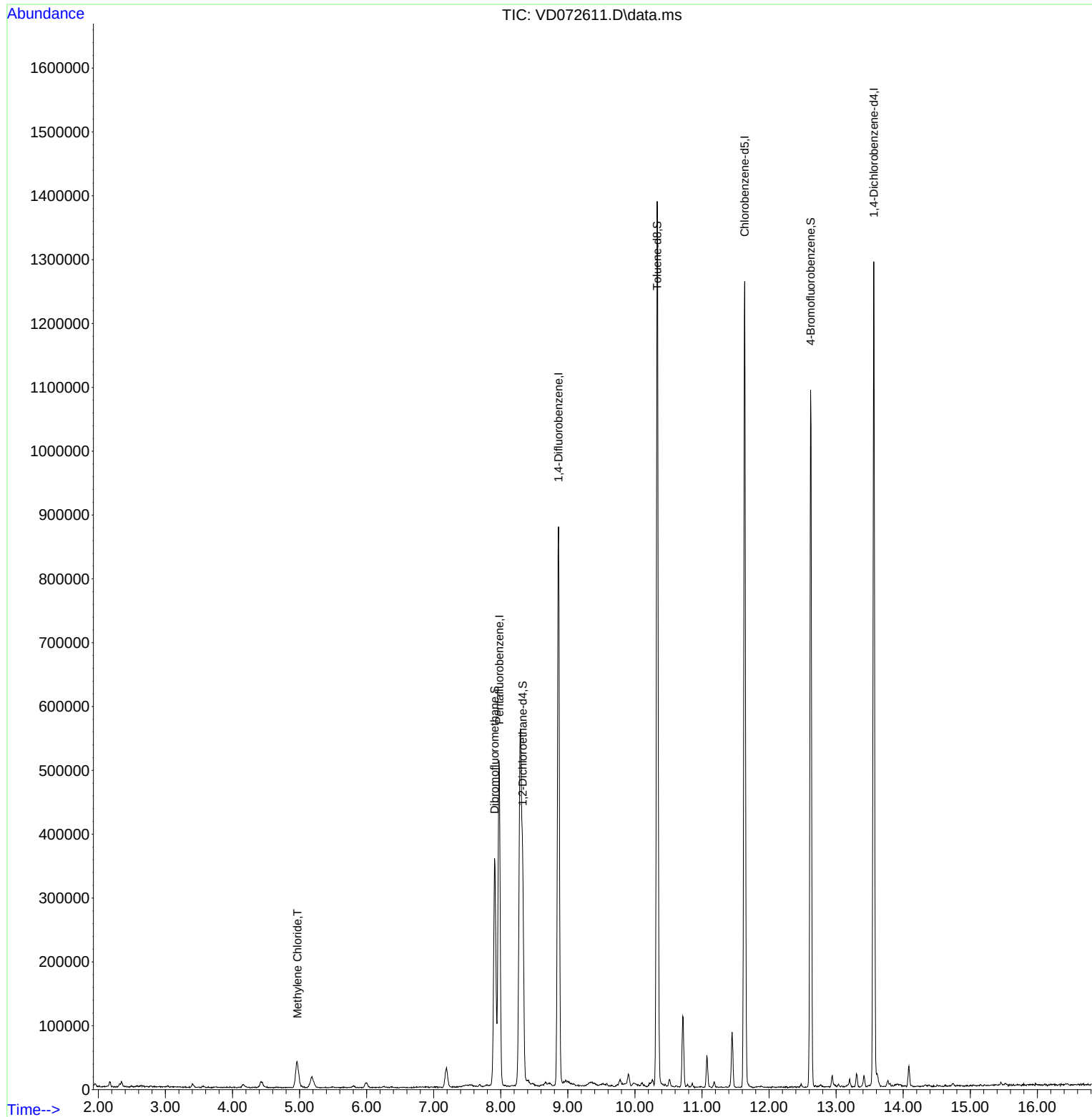
Internal Standards						
1) Pentafluorobenzene	7.979	168	375444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	771310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	758835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	344216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	247485	54.491	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.980%
35) Dibromofluoromethane	7.908	113	259866	43.353	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.700%
50) Toluene-d8	10.332	98	948160	45.506	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.020%
62) 4-Bromofluorobenzene	12.620	95	330524	40.618	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.240%
Target Compounds						
20) Methylene Chloride	4.967	84	32839	6.513	ug/l	Qvalue # 75

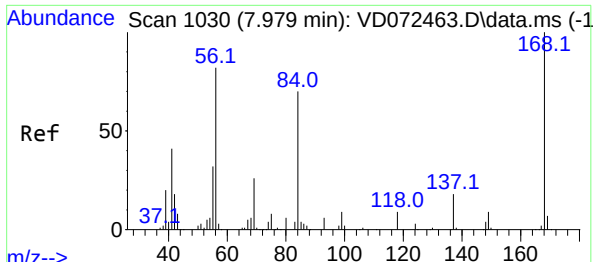
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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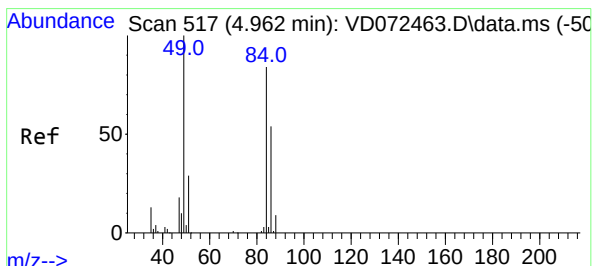
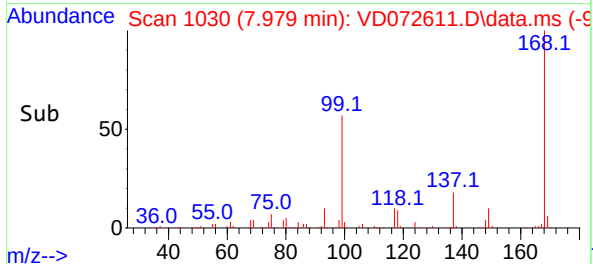
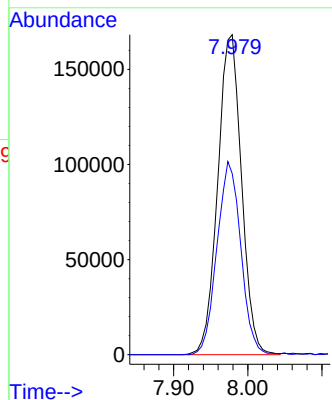
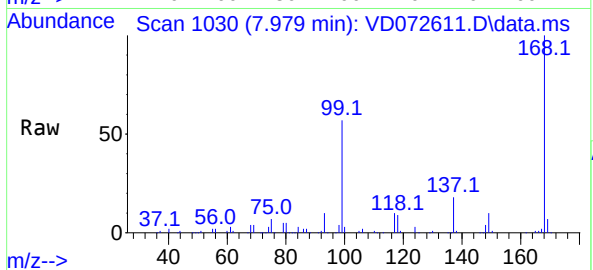




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072611.D
Acq: 18 Apr 2022 21:37

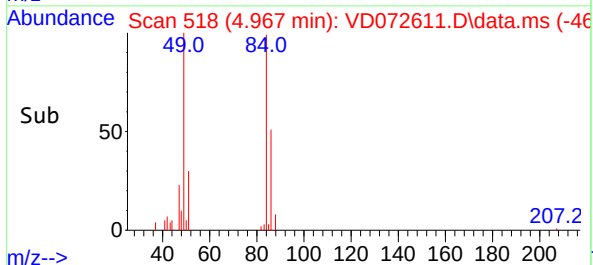
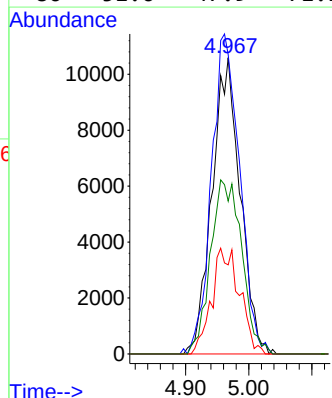
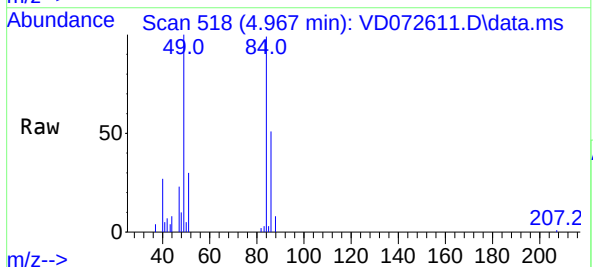
Instrument :
MSVOA_D
ClientSampleId :
SB-13

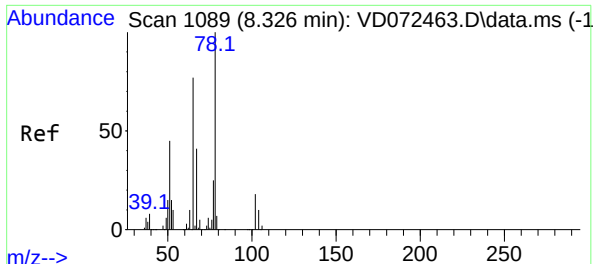
Tgt Ion:168 Resp: 375444
Ion Ratio Lower Upper
168 100
99 56.6 49.8 74.6



#20
Methylene Chloride
Concen: 6.513 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072611.D
Acq: 18 Apr 2022 21:37

Tgt Ion: 84 Resp: 32839
Ion Ratio Lower Upper
84 100
49 101.0 112.8 169.2#
51 30.1 32.6 48.8#
86 51.6 47.9 71.9

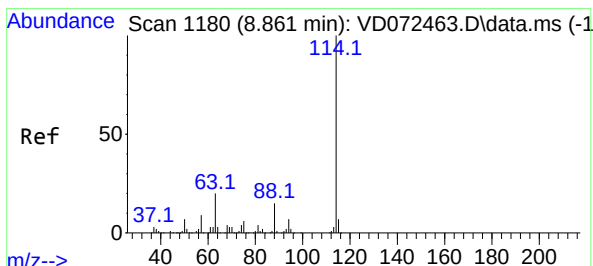
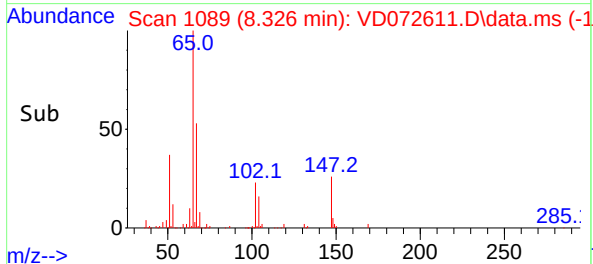
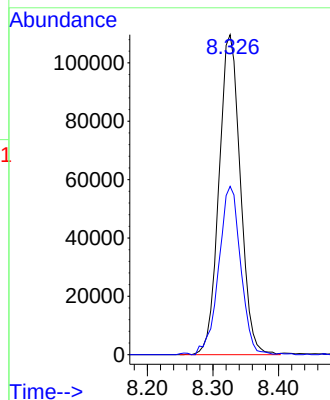
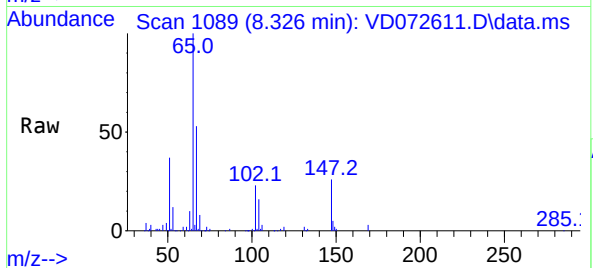




#33
1,2-Dichloroethane-d4
Concen: 54.491 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072611.D
Acq: 18 Apr 2022 21:37

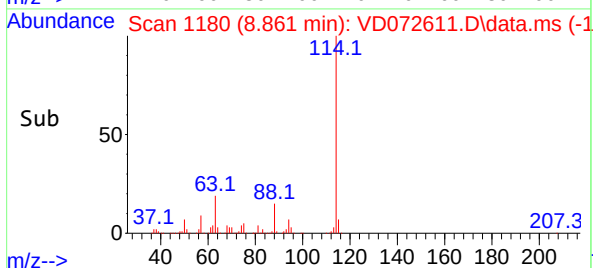
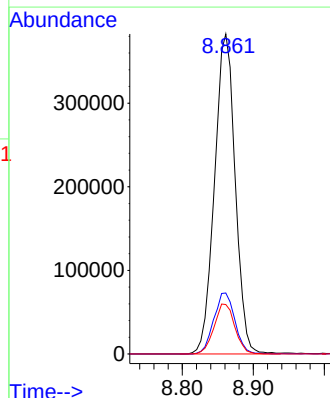
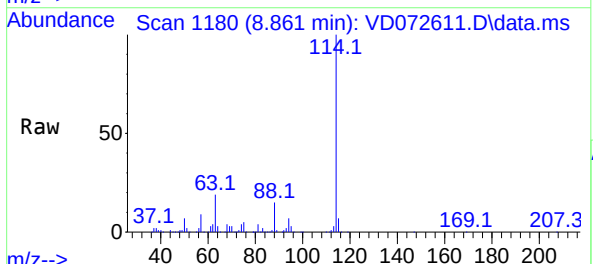
Instrument :
MSVOA_D
ClientSampleId :
SB-13

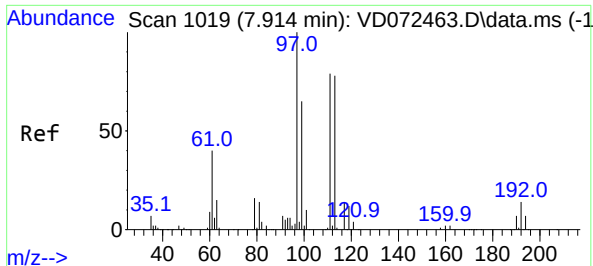
Tgt Ion: 65 Resp: 247485
Ion Ratio Lower Upper
65 100
67 53.9 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072611.D
Acq: 18 Apr 2022 21:37

Tgt Ion:114 Resp: 771310
Ion Ratio Lower Upper
114 100
63 19.1 0.0 46.6
88 15.4 0.0 33.2

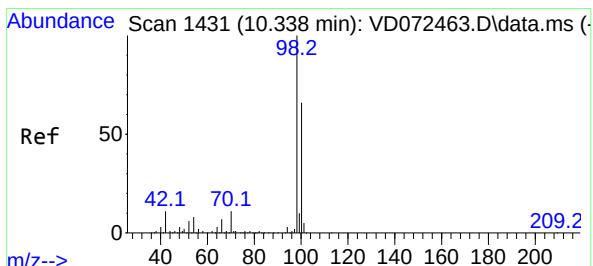
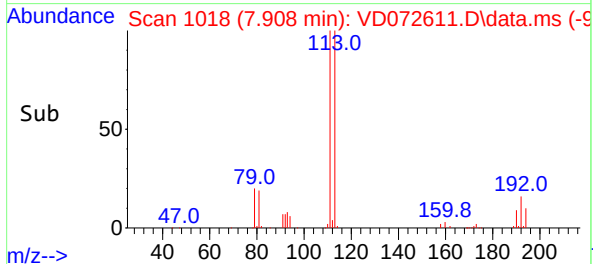
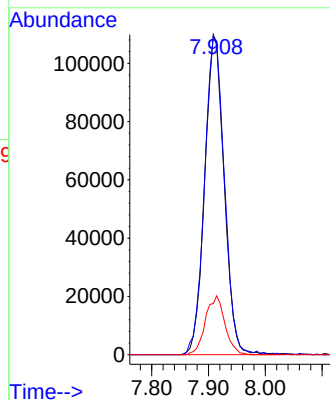
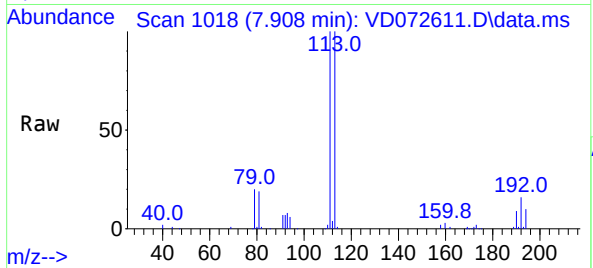




#35
Dibromofluoromethane
Concen: 43.353 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD072611.D
Acq: 18 Apr 2022 21:37

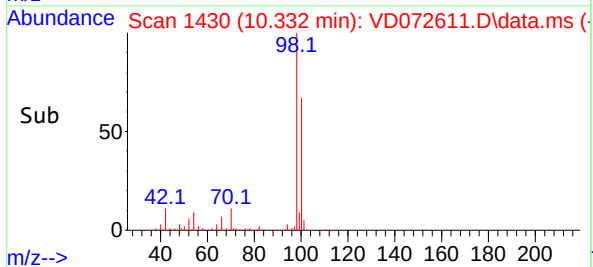
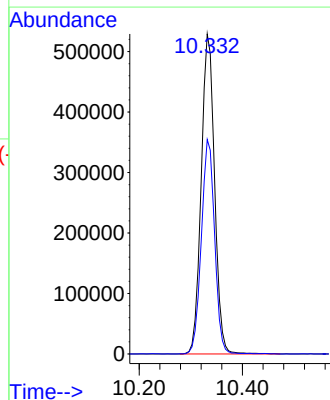
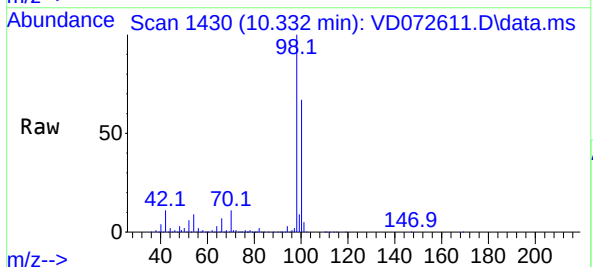
Instrument :
MSVOA_D
ClientSampleId :
SB-13

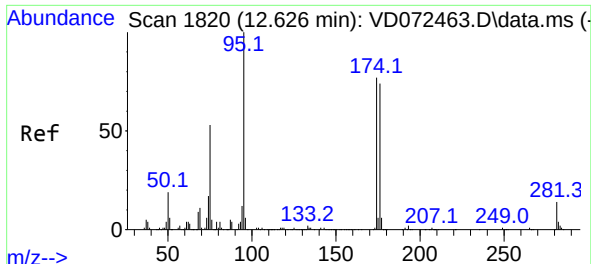
Tgt Ion:113 Resp: 259866
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 18.4 14.6 21.8



#50
Toluene-d8
Concen: 45.506 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072611.D
Acq: 18 Apr 2022 21:37

Tgt Ion: 98 Resp: 948160
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6

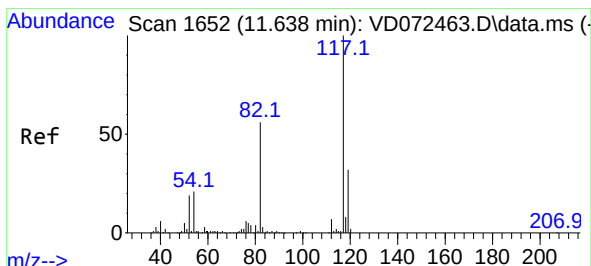
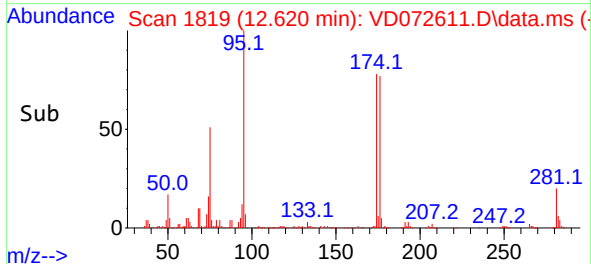
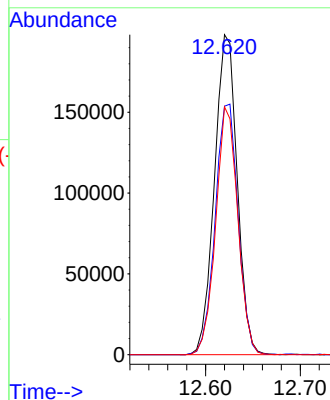
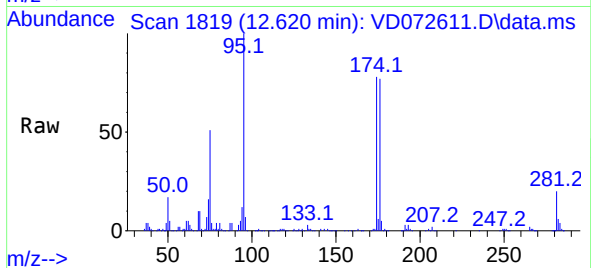




#62
4-Bromofluorobenzene
Concen: 40.618 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072611.D
Acq: 18 Apr 2022 21:37

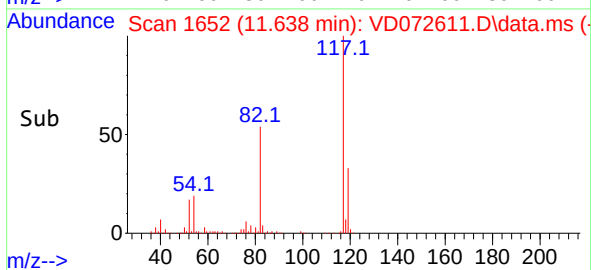
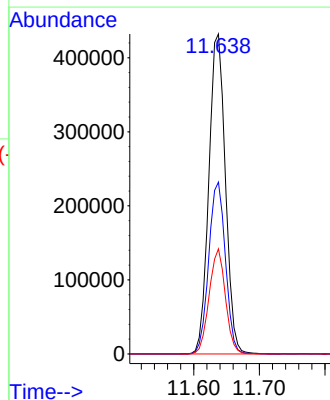
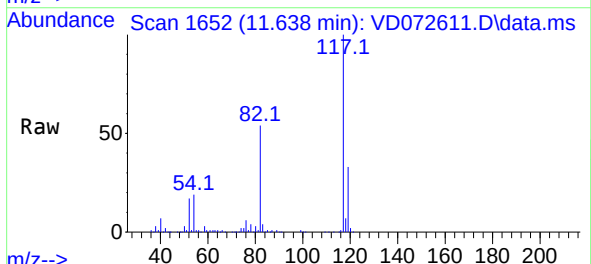
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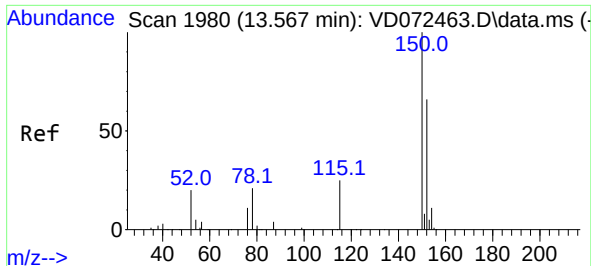
Tgt Ion: 95 Resp: 330524
Ion Ratio Lower Upper
95 100
174 79.1 0.0 152.8
176 75.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072611.D
Acq: 18 Apr 2022 21:37

Tgt Ion: 117 Resp: 758835
Ion Ratio Lower Upper
117 100
82 53.7 45.3 67.9
119 32.9 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VD072611.D

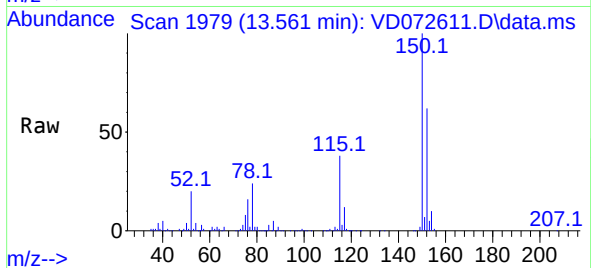
Acq: 18 Apr 2022 21:37

Instrument :

MSVOA_D

ClientSampleId :

SB-13



Tgt Ion:152 Resp: 344216

Ion Ratio Lower Upper

152 100

115 60.5 31.3 93.8

150 157.4 0.0 348.6

