

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007911.D
 Acq On : 18 Mar 2022 18:41
 Operator : SY/MD
 Sample : N1951-05
 Misc : 6.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-14-(13-15)-3-12-22

Quant Time: Mar 19 01:38:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

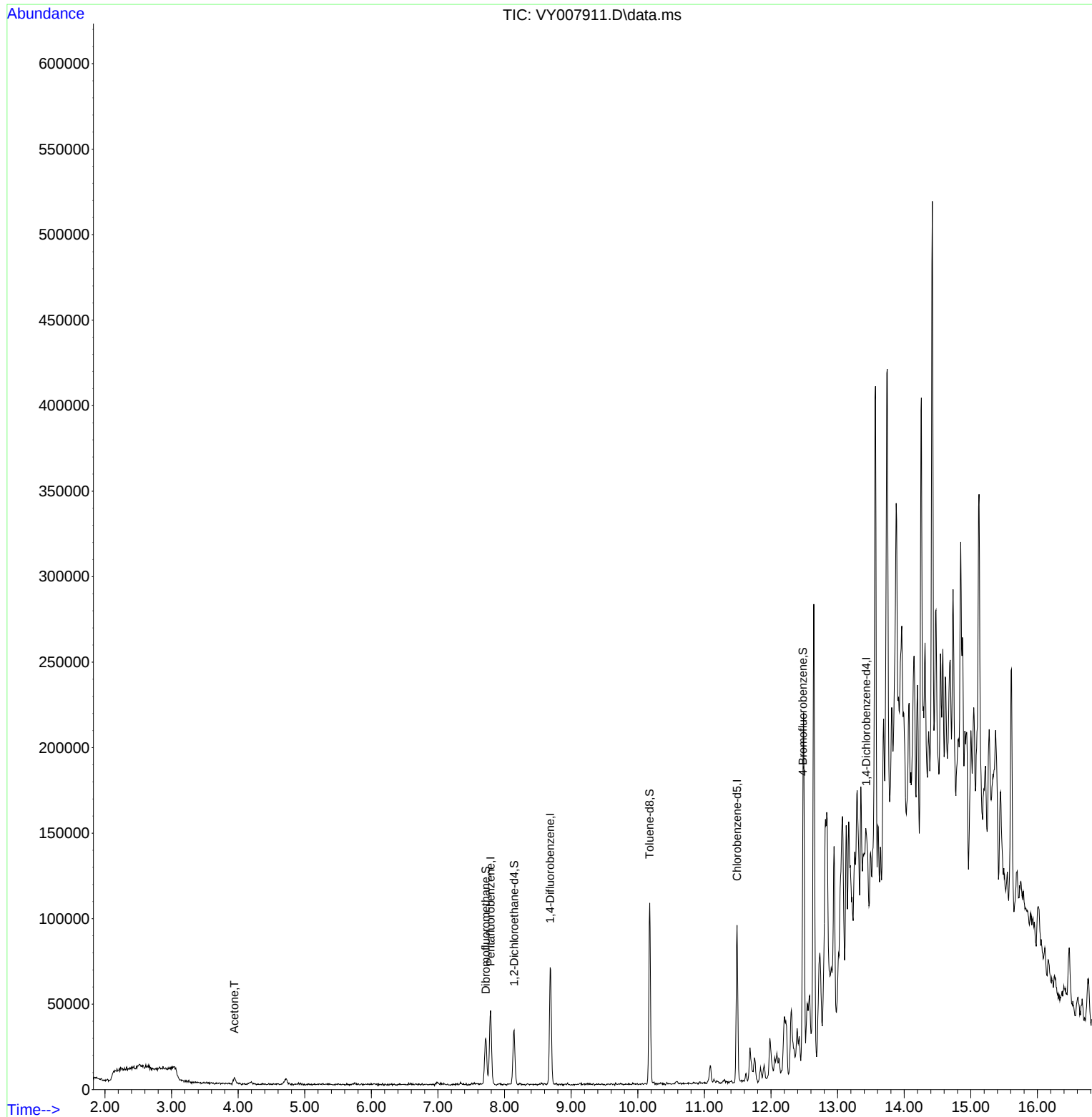
Internal Standards						
1) Pentafluorobenzene	7.789	168	31895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	59919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	50070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	23580	64.840	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.680%	
35) Dibromofluoromethane	7.716	113	19698	46.810	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.620%	
50) Toluene-d8	10.179	98	69003	54.892	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.780%	
62) 4-Bromofluorobenzene	12.477	95	20171	33.399	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 66.800%	
Target Compounds						
16) Acetone	3.942	43	6233	64.608	ug/l	Qvalue # 81

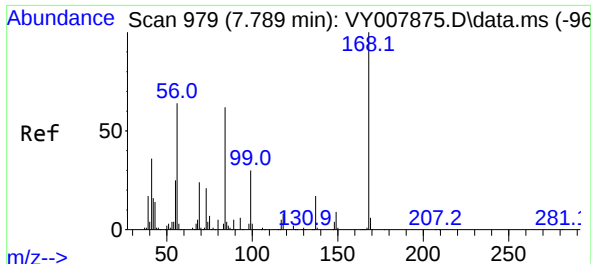
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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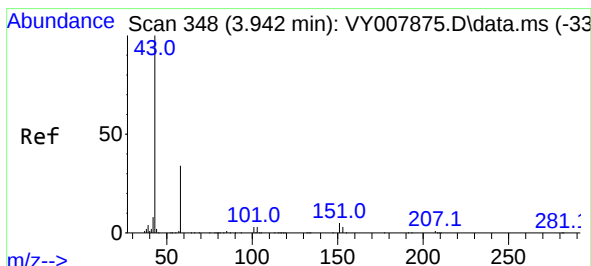
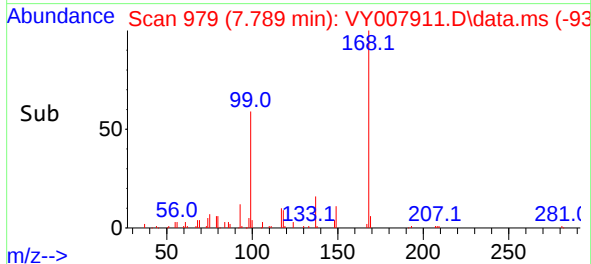
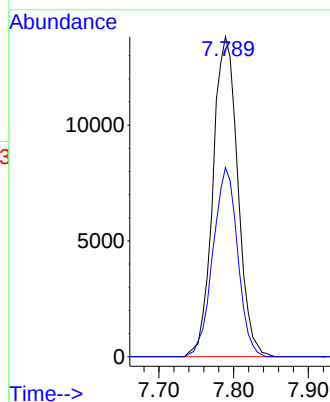
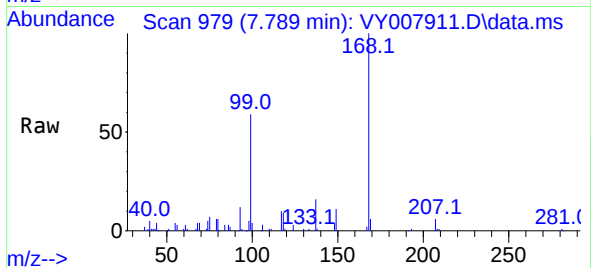




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

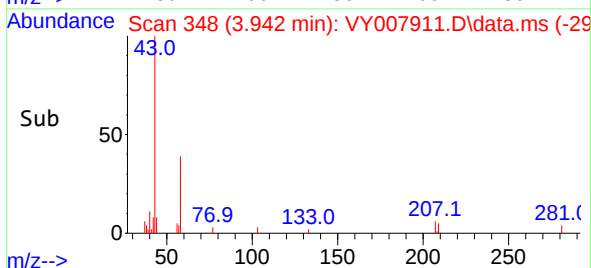
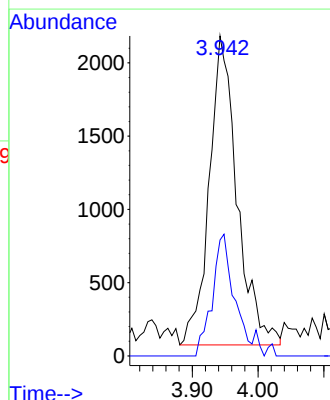
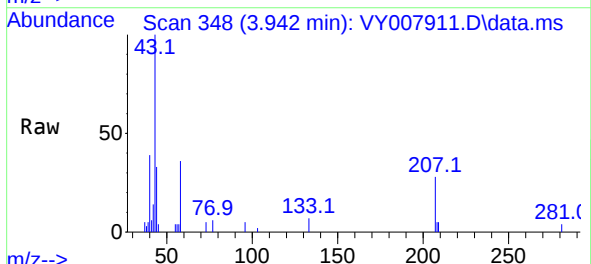
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

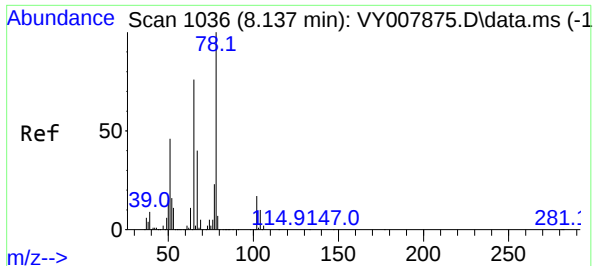
Tgt Ion:168 Resp: 31895
Ion Ratio Lower Upper
168 100
99 59.1 46.9 70.3



#16
Acetone
Concen: 64.608 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Tgt Ion: 43 Resp: 6233
Ion Ratio Lower Upper
43 100
58 37.5 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 64.840 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY007911.D

Acq: 18 Mar 2022 18:41

Instrument :

MSVOA_Y

ClientSampleId :

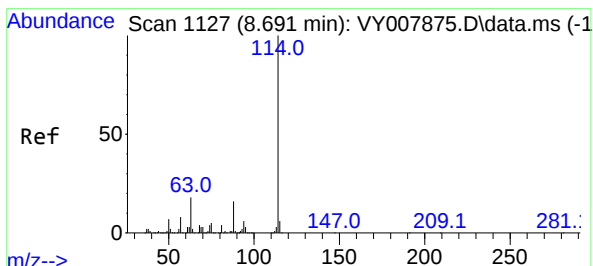
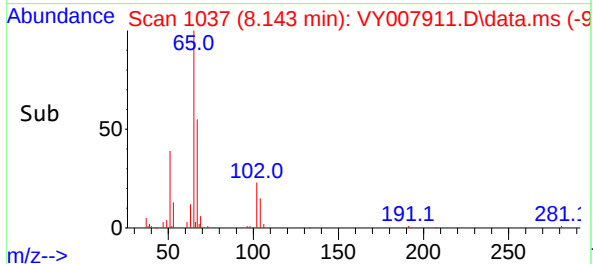
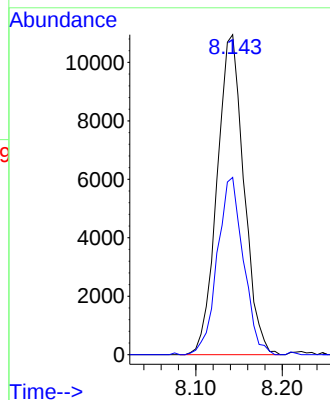
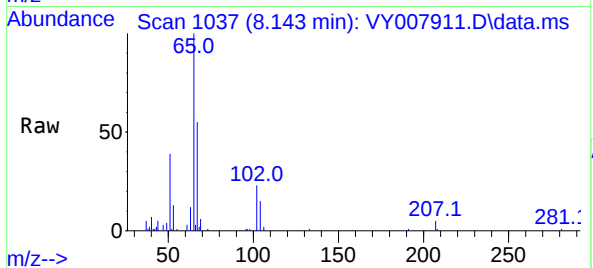
DB-14-(13-15)-3-12-22

Tgt Ion: 65 Resp: 23580

Ion Ratio Lower Upper

65 100

67 54.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007911.D

Acq: 18 Mar 2022 18:41

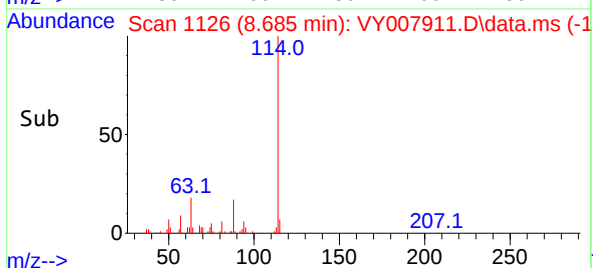
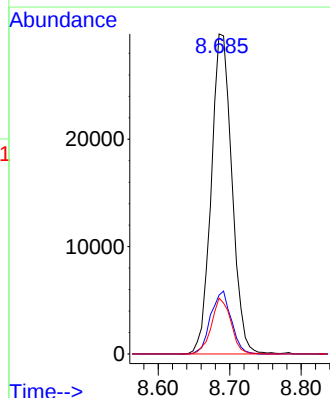
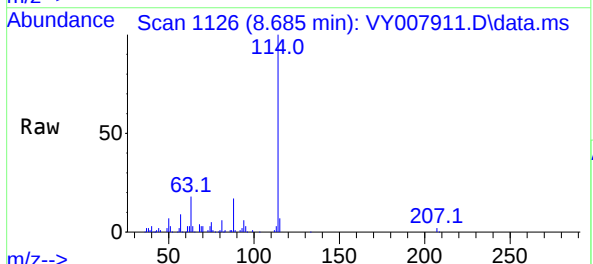
Tgt Ion: 114 Resp: 59919

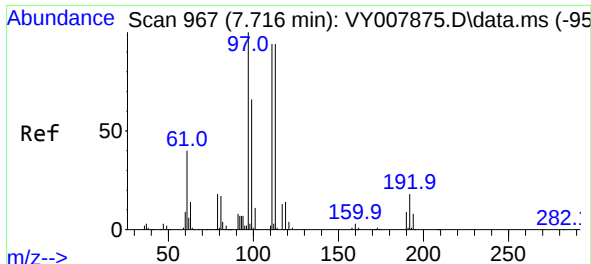
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 17.5 0.0 31.8

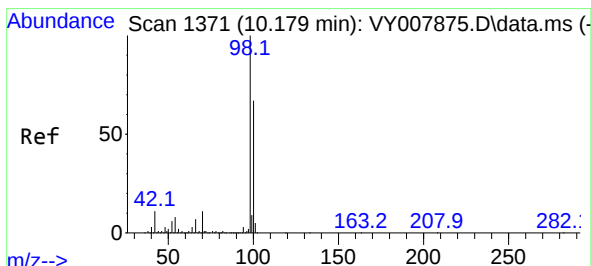
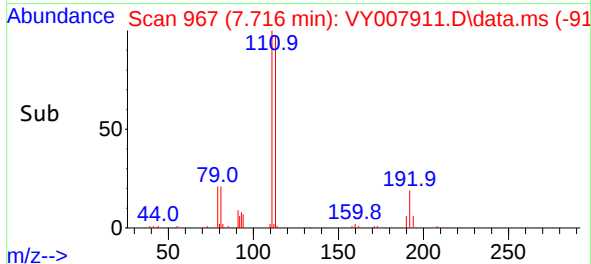
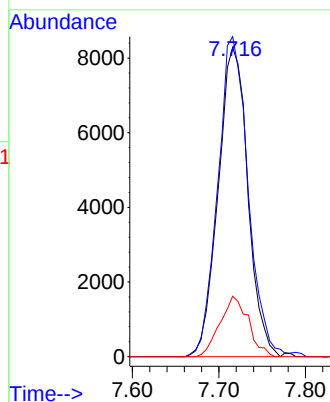
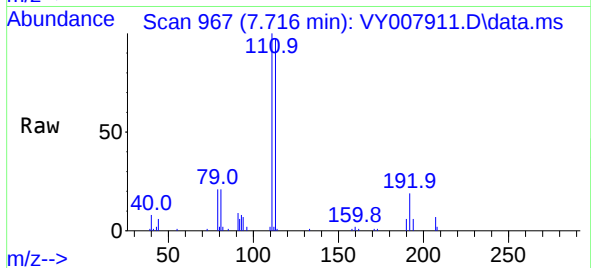




#35
Dibromofluoromethane
Concen: 46.810 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

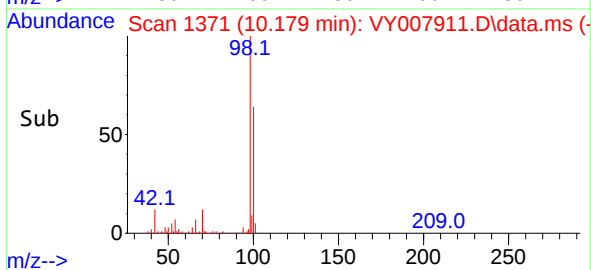
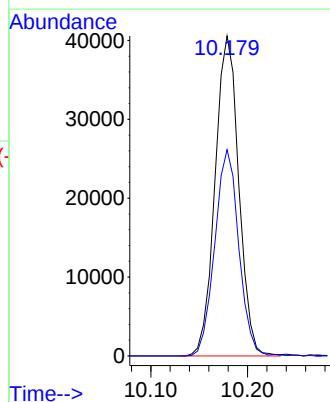
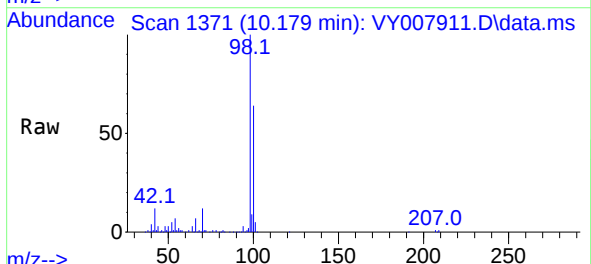
Instrument :
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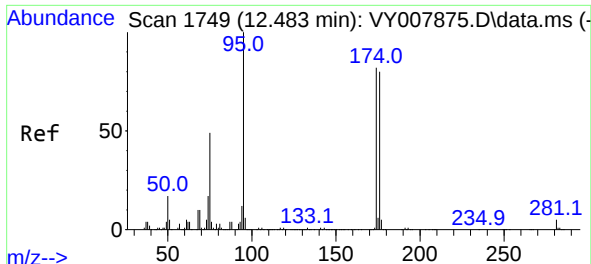
Tgt Ion:113 Resp: 19698
Ion Ratio Lower Upper
113 100
111 106.1 82.6 124.0
192 18.7 17.6 26.4



#50
Toluene-d8
Concen: 54.892 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Tgt Ion: 98 Resp: 69003
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

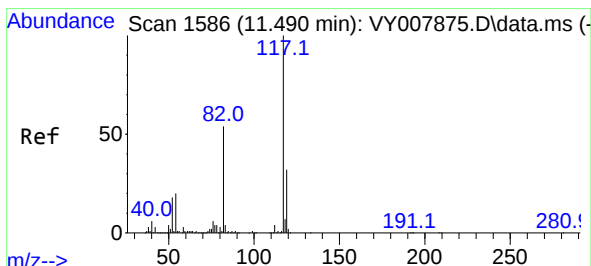
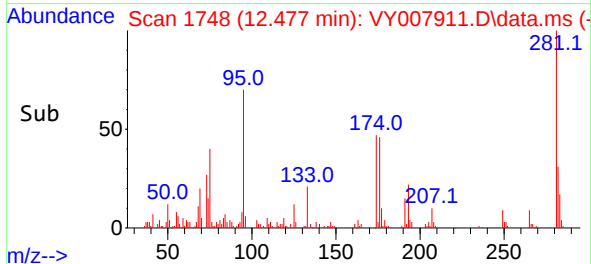
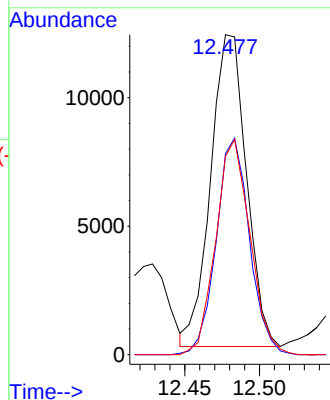
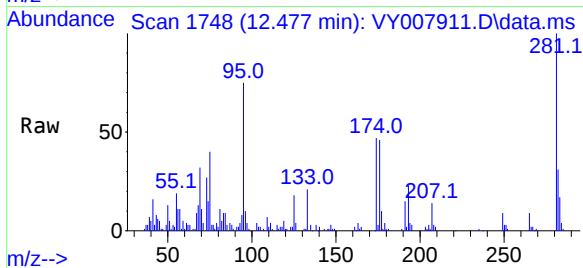




#62
4-Bromofluorobenzene
Concen: 33.399 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

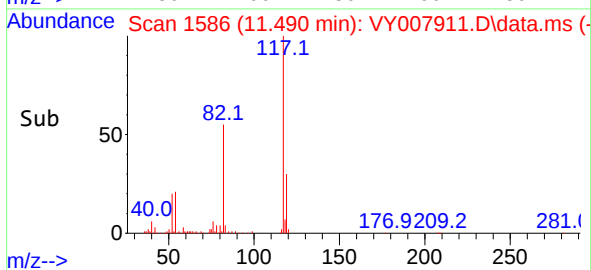
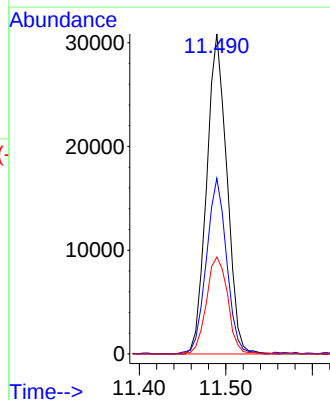
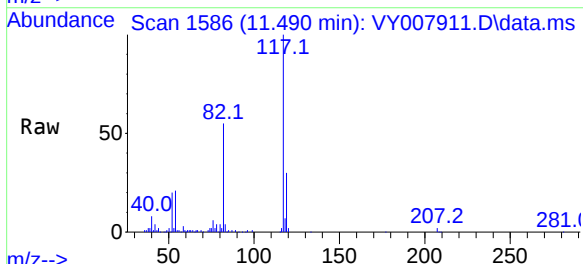
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

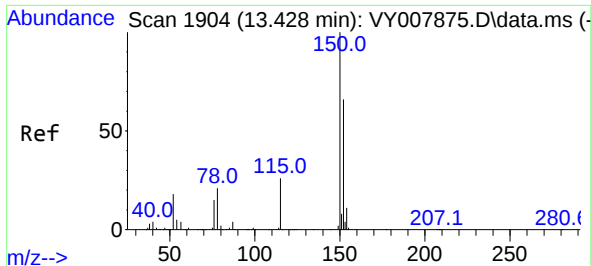
Tgt Ion: 95 Resp: 20171
Ion Ratio Lower Upper
95 100
174 64.5 0.0 177.0
176 66.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

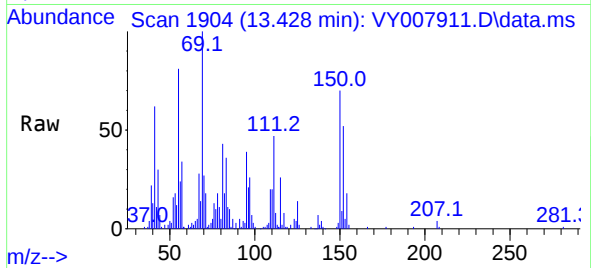
Tgt Ion: 117 Resp: 50070
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 30.3 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY007911.D
 Acq: 18 Mar 2022 18:41

Instrument : MSVOA_Y
 ClientSampleId : DB-14-(13-15)-3-12-22



Tgt Ion:	152	Resp:	13442
Ion	Ratio	Lower	Upper
152	100		
115	45.6	28.2	84.7
150	114.7	0.0	347.6

