

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007960.D
 Acq On : 21 Mar 2022 17:22
 Operator : SY/MD
 Sample : N1958-13RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-13-12-13RE

Quant Time: Mar 22 03:40:35 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)

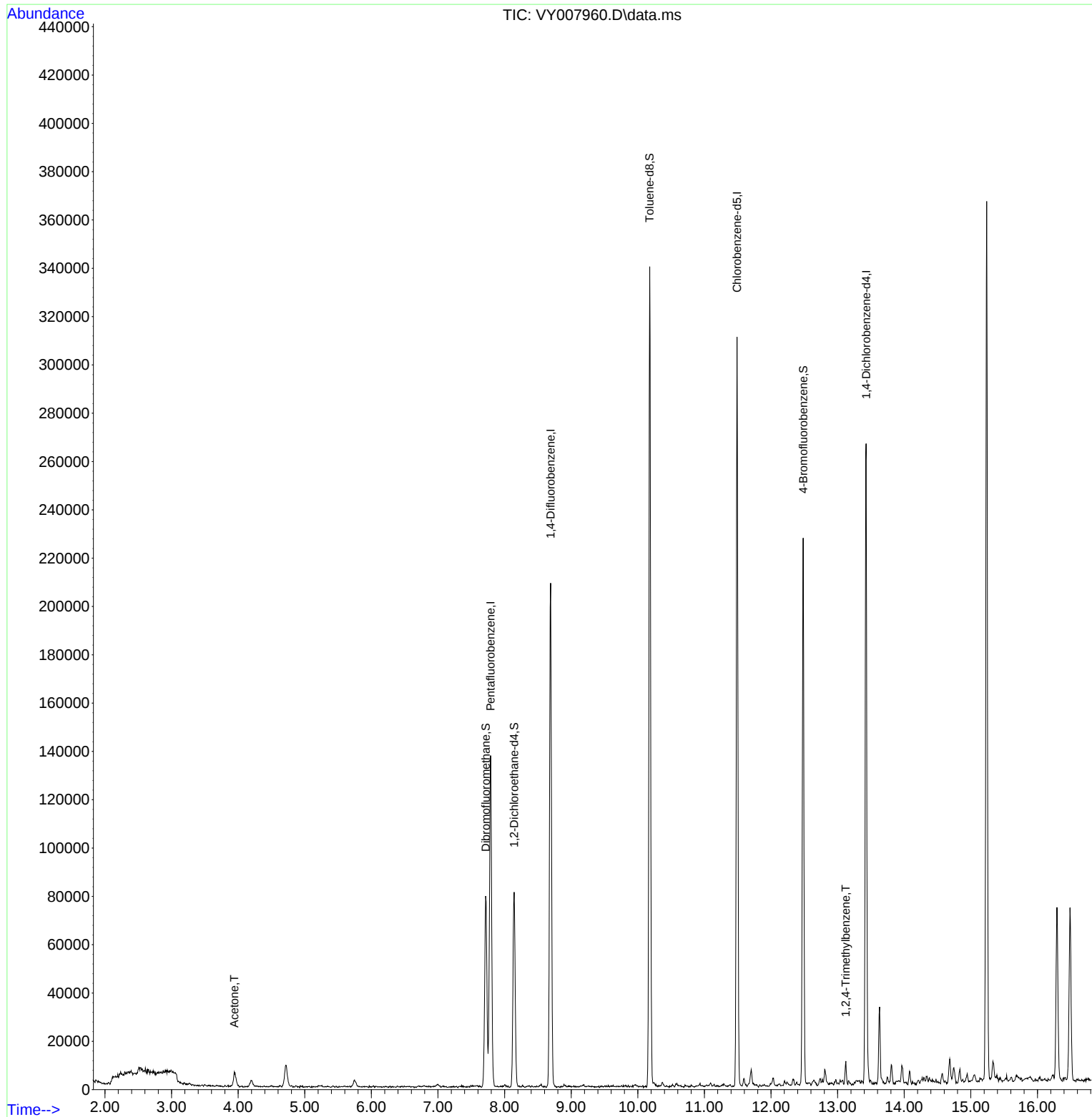
Internal Standards						
1) Pentafluorobenzene	7.789	168	98562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	180770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	160767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	61602	54.816	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.640%	
35) Dibromofluoromethane	7.716	113	55596	43.792	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.580%	
50) Toluene-d8	10.179	98	221778	58.899	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.800%	
62) 4-Bromofluorobenzene	12.483	95	72942	40.034	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.060%	
Target Compounds						Qvalue
16) Acetone	3.942	43	10531	35.324	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	4812	1.049	ug/l	99

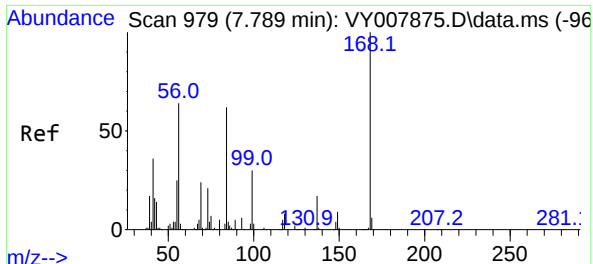
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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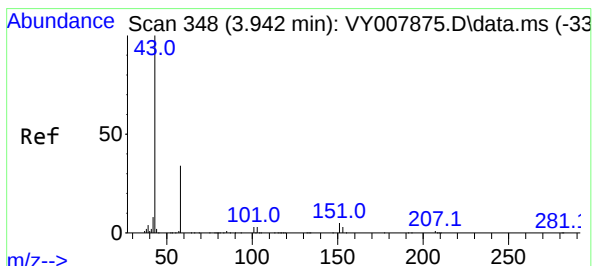
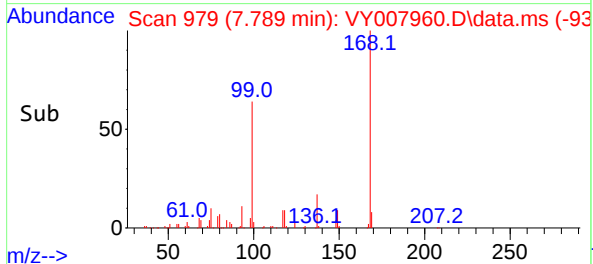
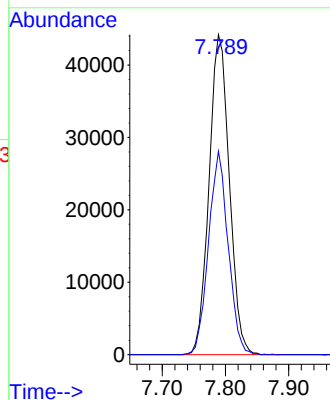
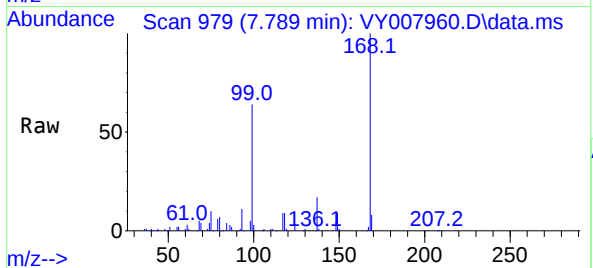




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007960.D
Acq: 21 Mar 2022 17:22

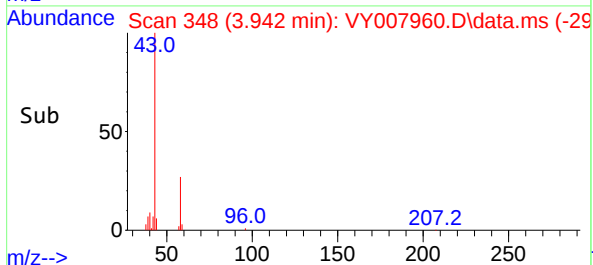
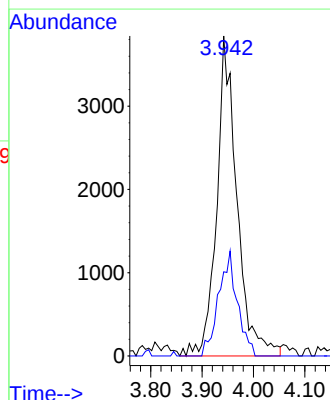
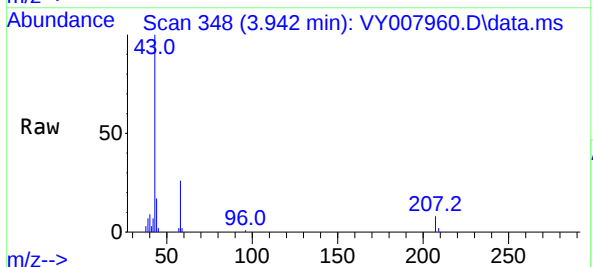
Instrument :
MSVOA_Y
ClientSampleId :
C-13-12-13RE

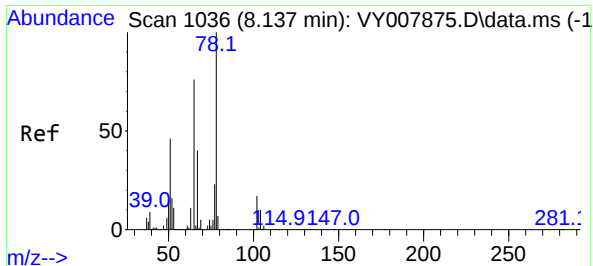
Tgt Ion:168 Resp: 98562
Ion Ratio Lower Upper
168 100
99 63.6 46.9 70.3



#16
Acetone
Concen: 35.324 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY007960.D
Acq: 21 Mar 2022 17:22

Tgt Ion: 43 Resp: 10531
Ion Ratio Lower Upper
43 100
58 26.3 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 54.816 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007960.D

Acq: 21 Mar 2022 17:22

Instrument :

MSVOA_Y

ClientSampleId :

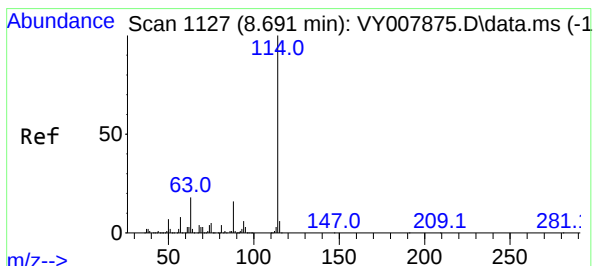
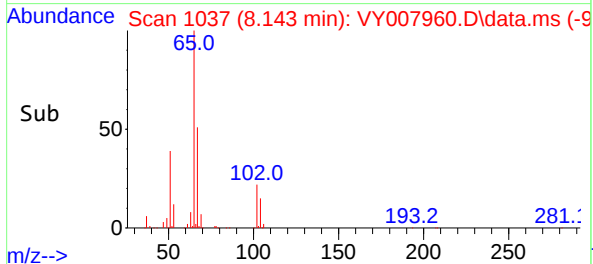
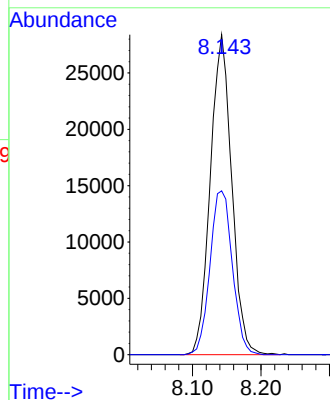
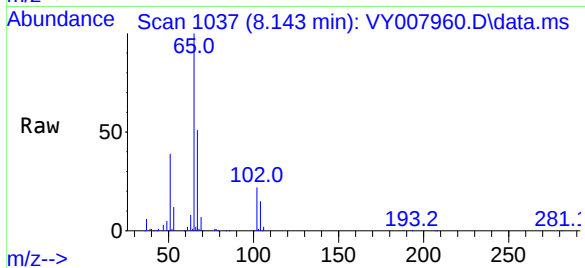
C-13-12-13RE

Tgt Ion: 65 Resp: 61602

Ion Ratio Lower Upper

65 100

67 53.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007960.D

Acq: 21 Mar 2022 17:22

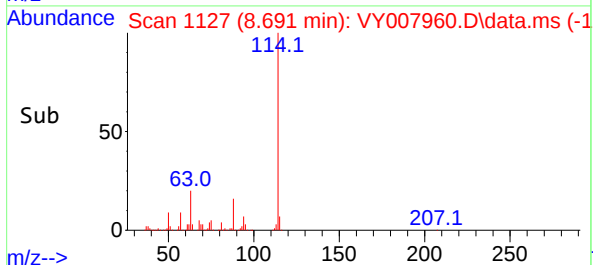
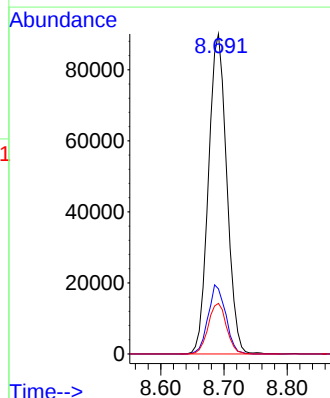
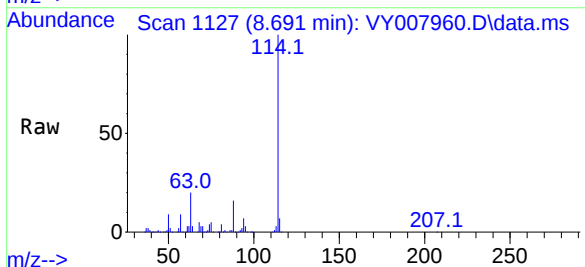
Tgt Ion: 114 Resp: 180770

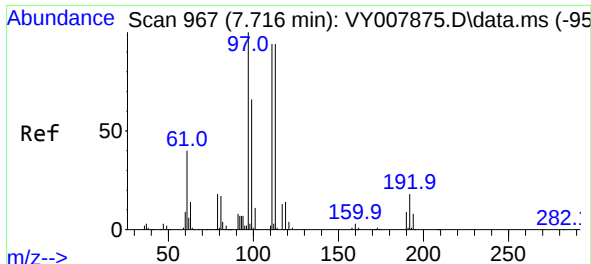
Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 15.8 0.0 31.8

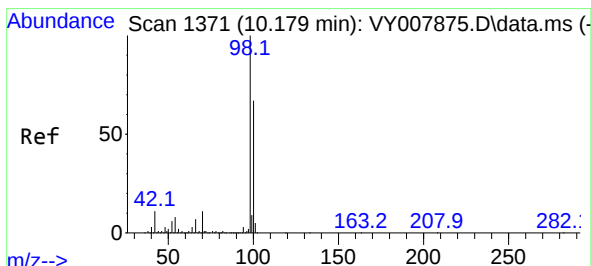
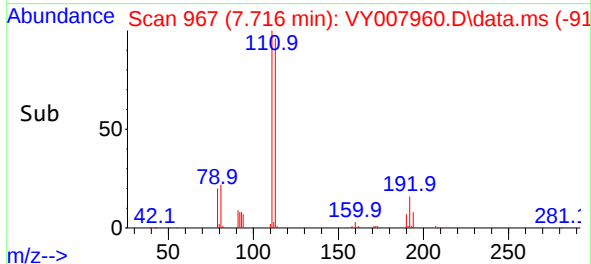
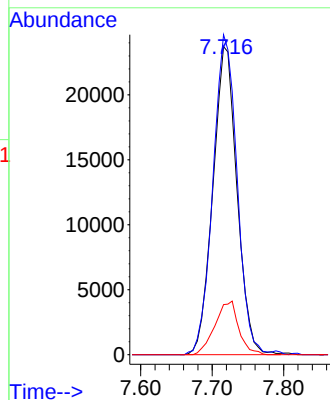
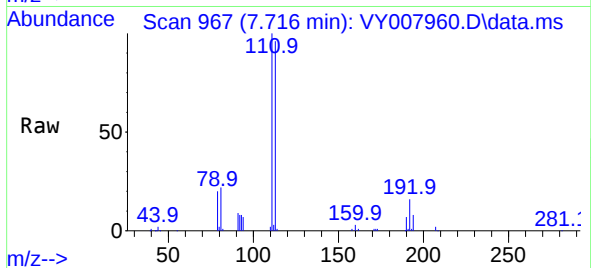




#35
Dibromofluoromethane
Concen: 43.792 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007960.D
Acq: 21 Mar 2022 17:22

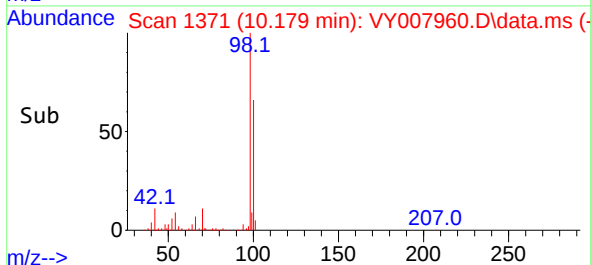
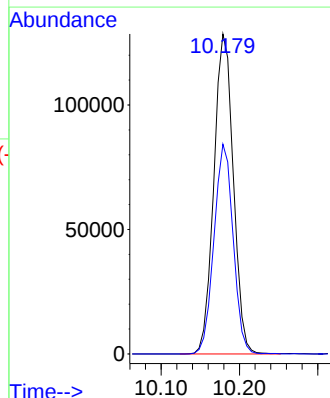
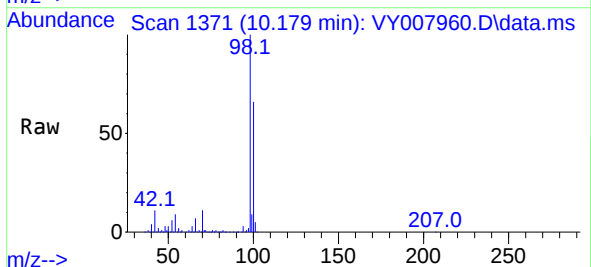
Instrument :
MSVOA_Y
ClientSampleId :
C-13-12-13RE

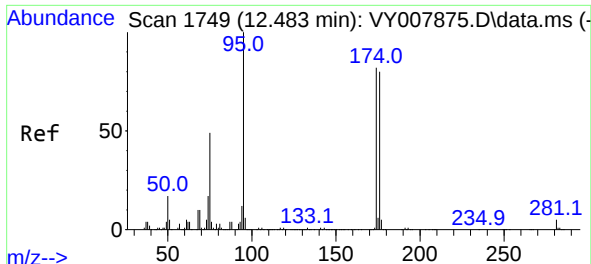
Tgt Ion:113 Resp: 55596
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 17.2 17.6 26.4#



#50
Toluene-d8
Concen: 58.899 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007960.D
Acq: 21 Mar 2022 17:22

Tgt Ion: 98 Resp: 221778
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

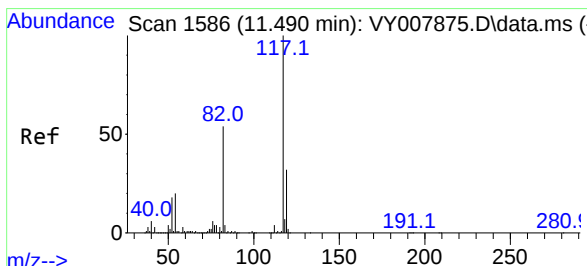
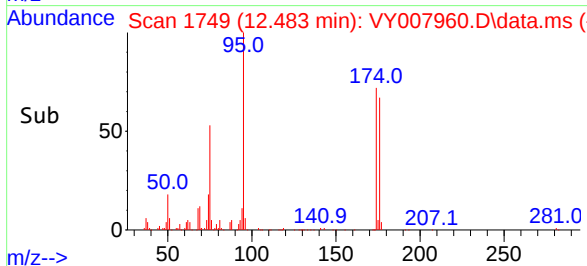
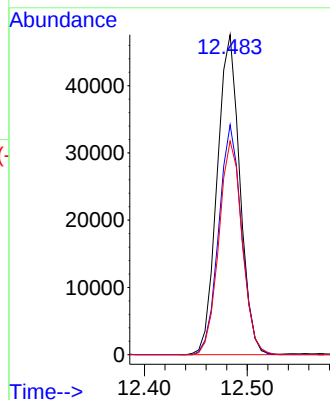
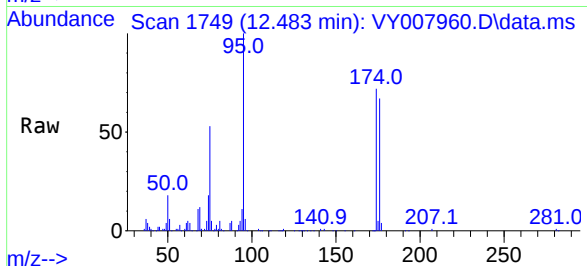




#62
4-Bromofluorobenzene
Concen: 40.034 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007960.D
Acq: 21 Mar 2022 17:22

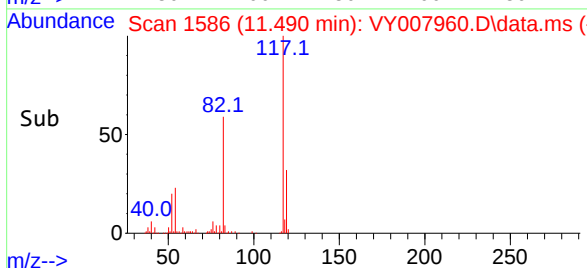
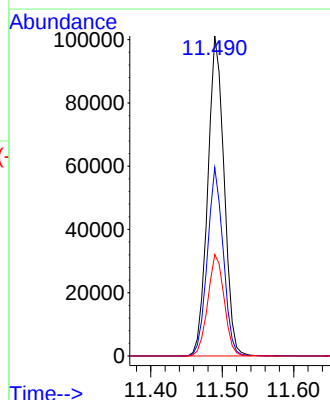
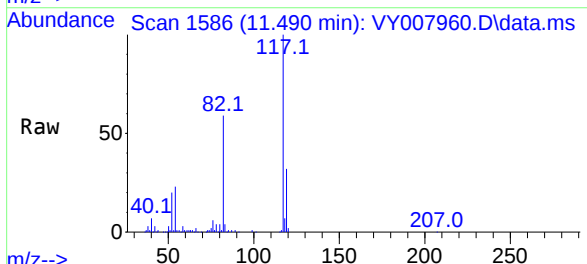
Instrument :
MSVOA_Y
ClientSampleId :
C-13-12-13RE

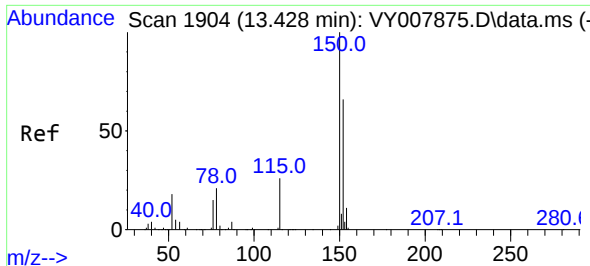
Tgt Ion: 95 Resp: 72942
Ion Ratio Lower Upper
95 100
174 72.2 0.0 177.0
176 68.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007960.D
Acq: 21 Mar 2022 17:22

Tgt Ion: 117 Resp: 160767
Ion Ratio Lower Upper
117 100
82 58.9 43.0 64.4
119 31.7 25.4 38.0

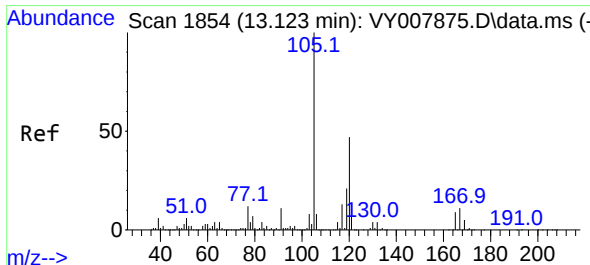
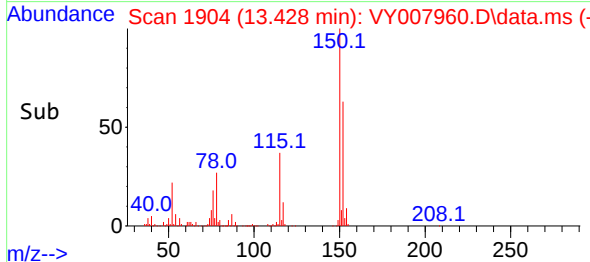
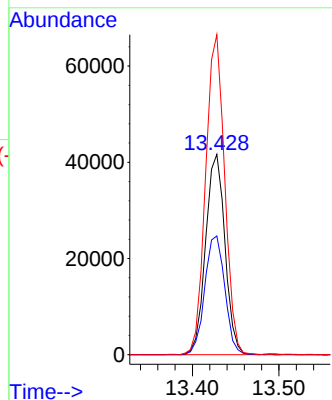
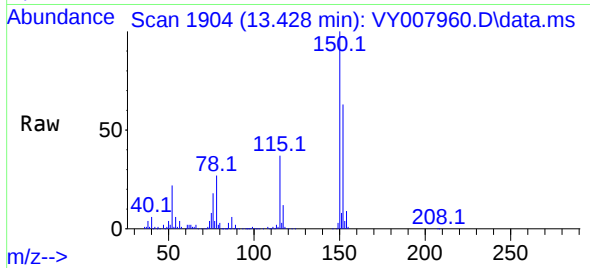




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY007960.D
 Acq: 21 Mar 2022 17:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-13-12-13RE

Tgt Ion:152 Resp: 64665
 Ion Ratio Lower Upper
 152 100
 115 61.7 28.2 84.7
 150 157.2 0.0 347.6



#84
 1,2,4-Trimethylbenzene
 Concen: 1.049 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: VY007960.D
 Acq: 21 Mar 2022 17:22

Tgt Ion:105 Resp: 4812
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.3 66.9

