

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008207.D
 Acq On : 05 Apr 2022 14:16
 Operator : SY/MD
 Sample : N2237-02RE
 Misc : 5.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A13015RE

Quant Time: Apr 06 03:57:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

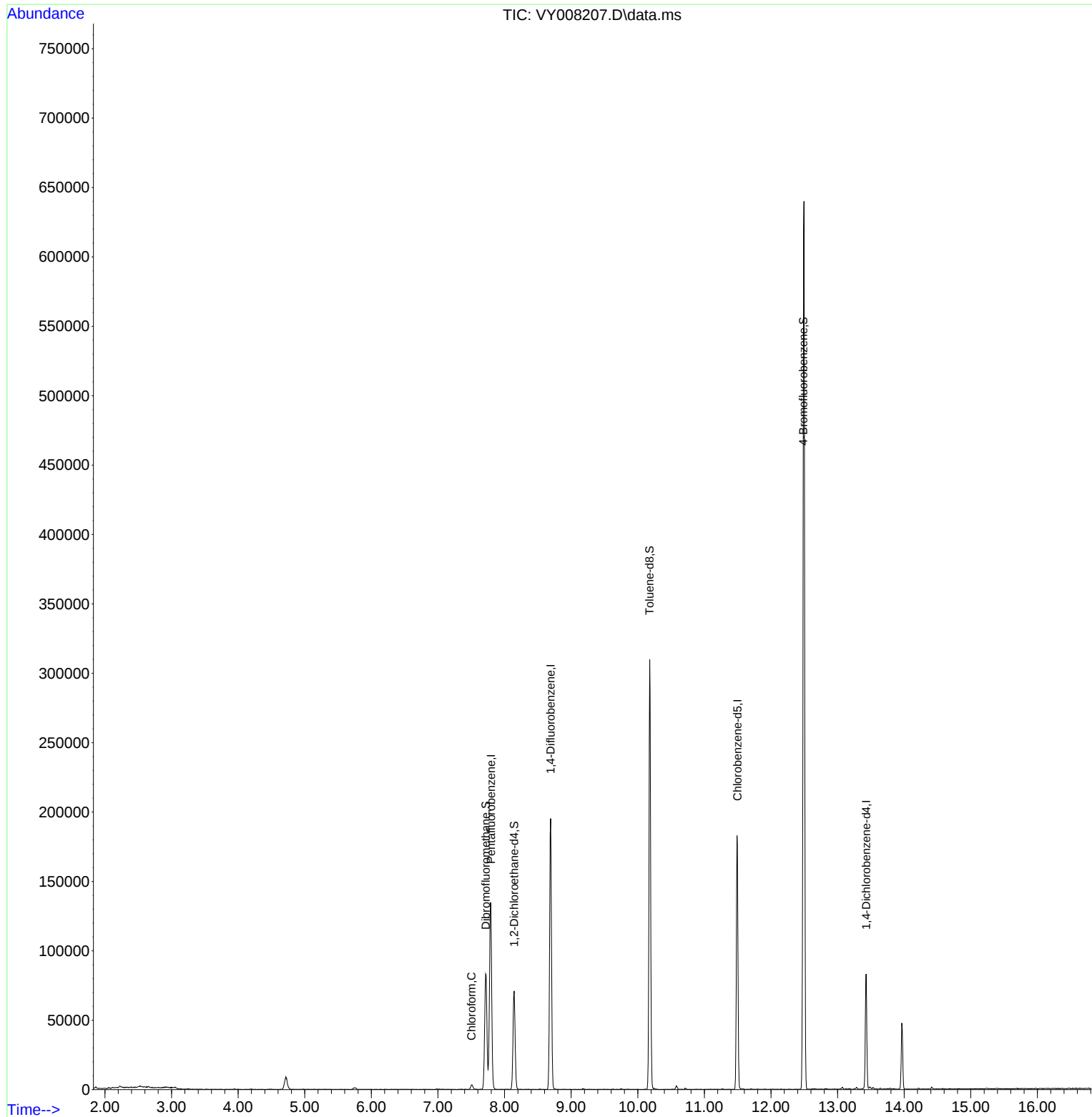
Internal Standards						
1) Pentafluorobenzene	7.795	168	107922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	175224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	103611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	21226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54035	49.904	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.800%
35) Dibromofluoromethane	7.716	113	60350	54.933	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.860%
50) Toluene-d8	10.179	98	206053	49.783	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.483	95	29836	20.432	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	40.860%
Target Compounds						
					Qvalue	
30) Chloroform	7.503	83	3359	1.446	ug/l	96

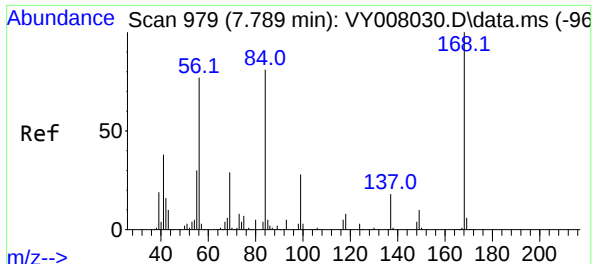
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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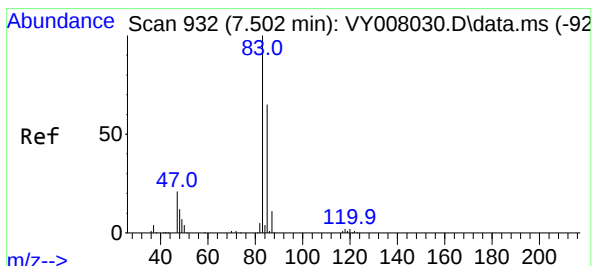
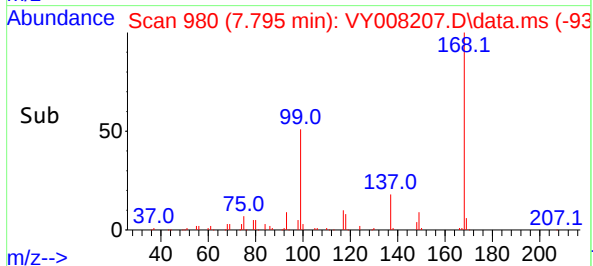
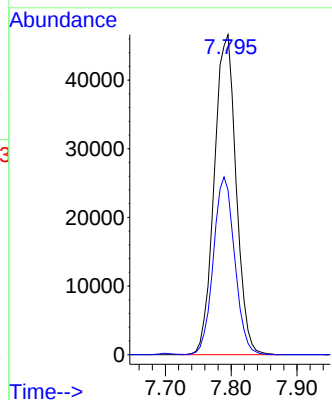
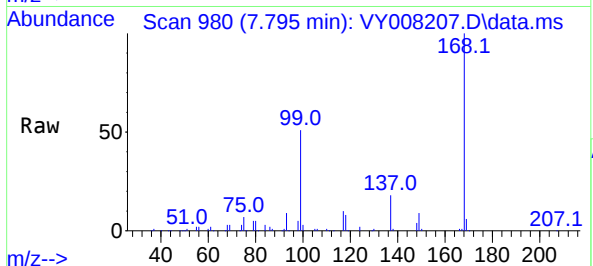




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008207.D
Acq: 05 Apr 2022 14:16

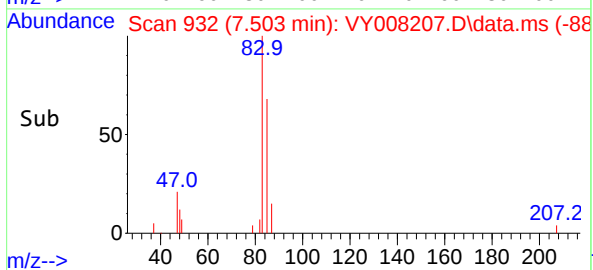
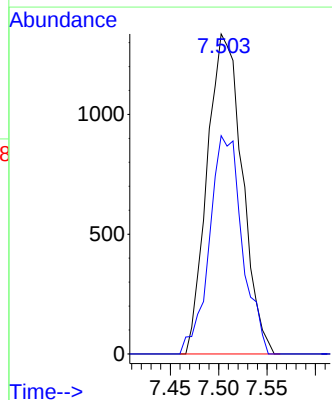
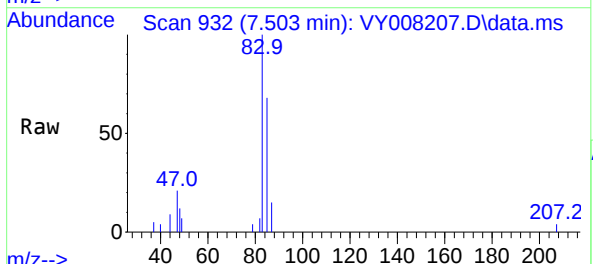
Instrument :
MSVOA_Y
ClientSampleId :
A13015RE

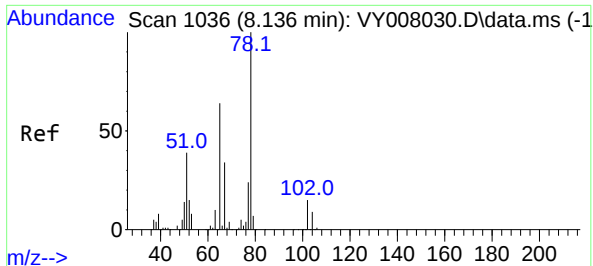
Tgt Ion:168 Resp: 107922
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#30
Chloroform
Concen: 1.446 ug/l
RT: 7.503 min Scan# 932
Delta R.T. 0.001 min
Lab File: VY008207.D
Acq: 05 Apr 2022 14:16

Tgt Ion: 83 Resp: 3359
Ion Ratio Lower Upper
83 100
85 68.2 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: 49.904 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008207.D

Acq: 05 Apr 2022 14:16

Instrument :

MSVOA_Y

ClientSampleId :

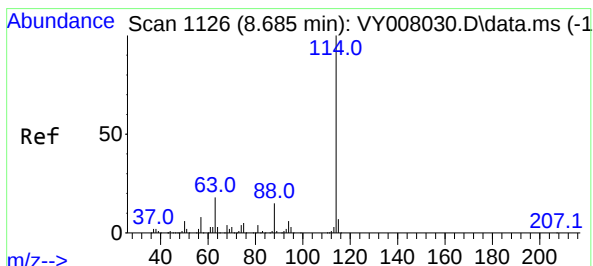
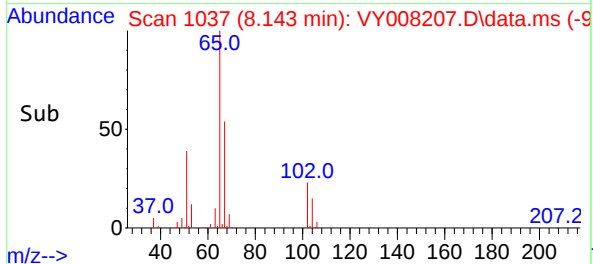
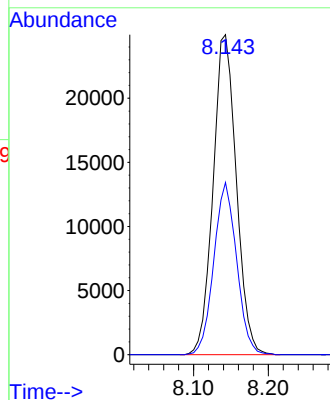
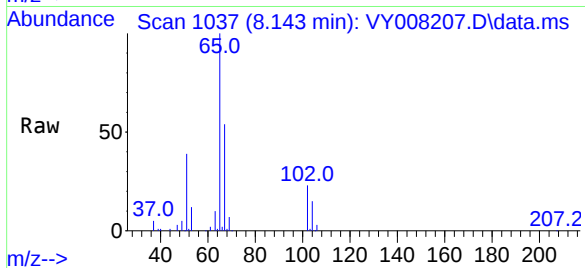
A13015RE

Tgt Ion: 65 Resp: 54035

Ion Ratio Lower Upper

65 100

67 52.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008207.D

Acq: 05 Apr 2022 14:16

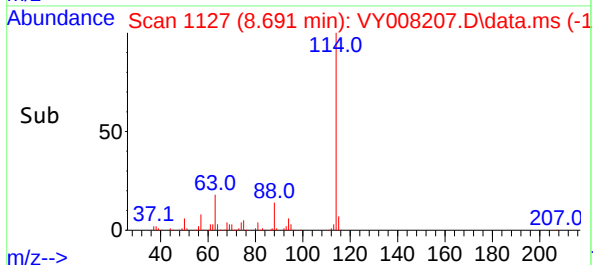
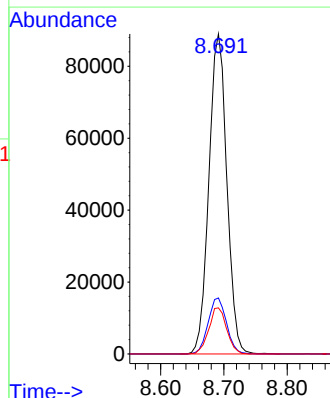
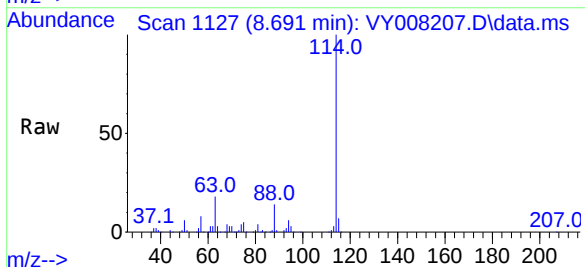
Tgt Ion: 114 Resp: 175224

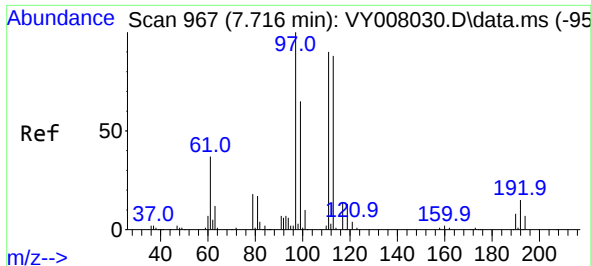
Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 14.4 0.0 31.8



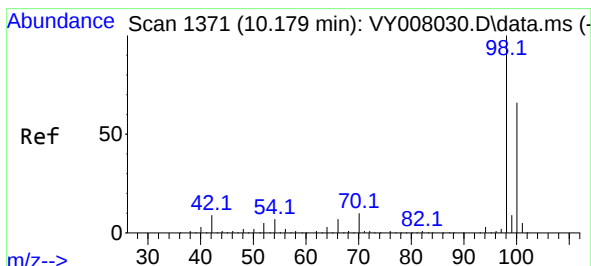
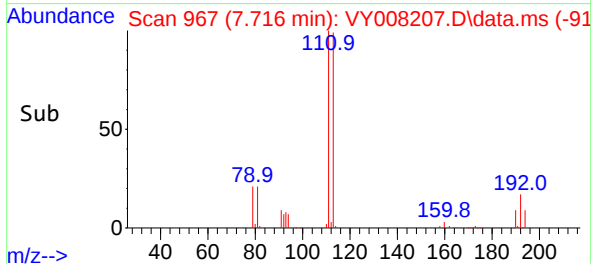
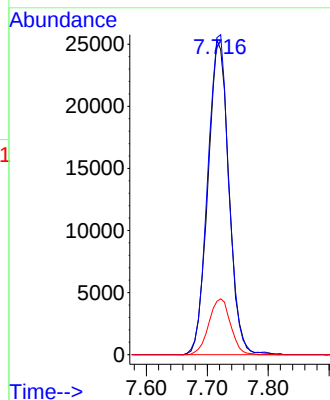
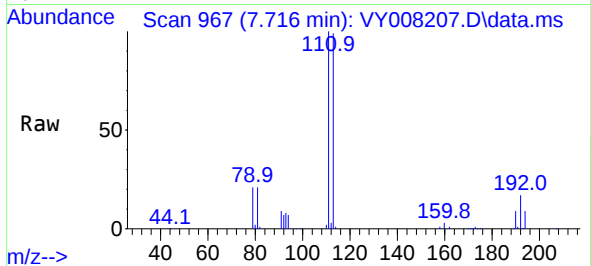


#35
 Dibromofluoromethane
 Concen: 54.933 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY008207.D
 Acq: 05 Apr 2022 14:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 A13015RE

Tgt Ion:113 Resp: 60350

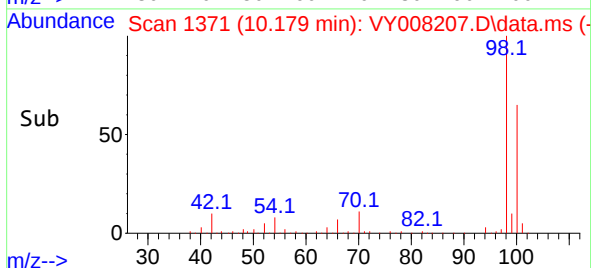
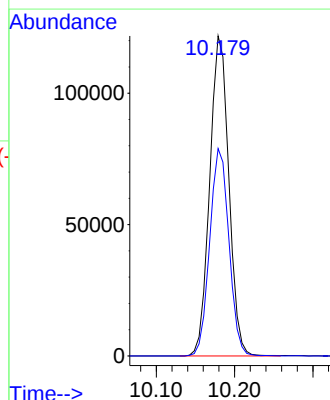
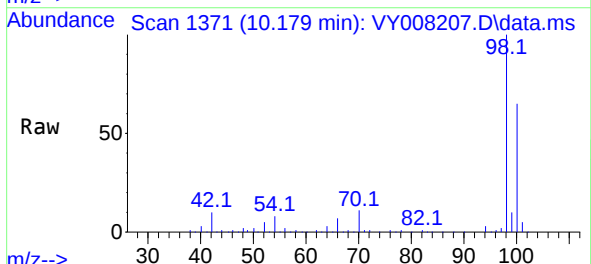
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	124.0
192	18.4	17.6	26.4

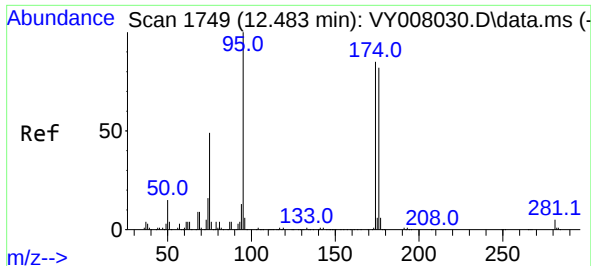


#50
 Toluene-d8
 Concen: 49.783 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY008207.D
 Acq: 05 Apr 2022 14:16

Tgt Ion: 98 Resp: 206053

Ion	Ratio	Lower	Upper
98	100		
100	65.2	50.2	75.2

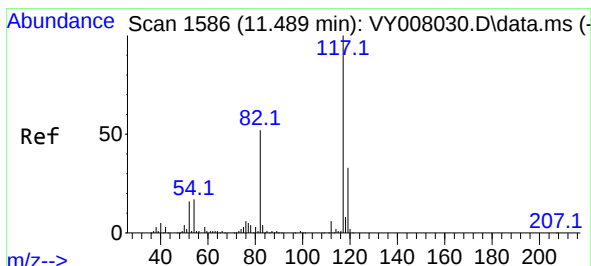
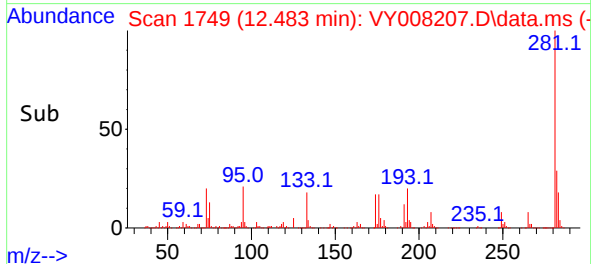
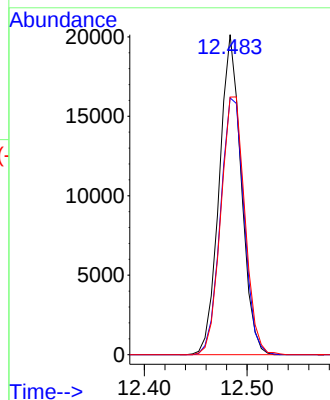
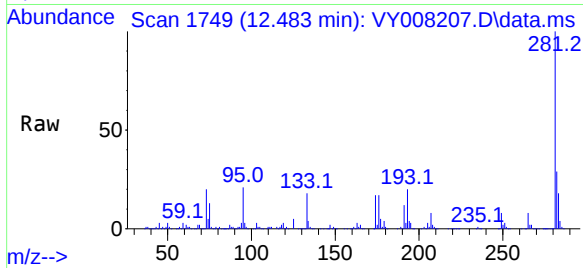




#62
4-Bromofluorobenzene
Concen: 20.432 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008207.D
Acq: 05 Apr 2022 14:16

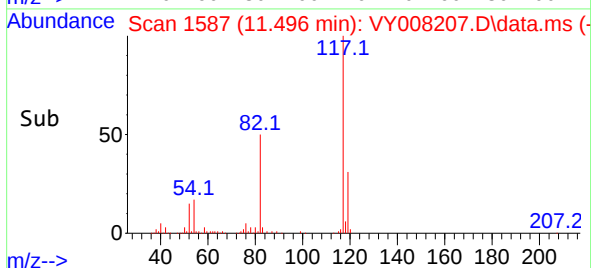
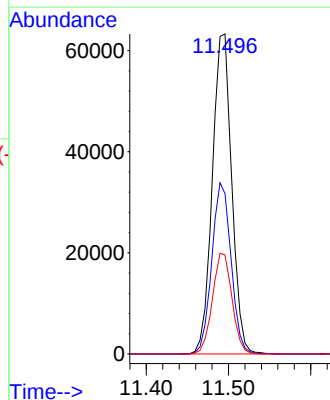
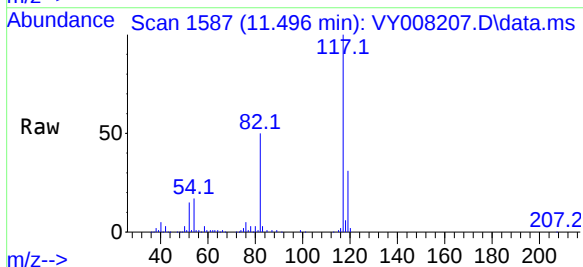
Instrument :
MSVOA_Y
ClientSampleId :
A13015RE

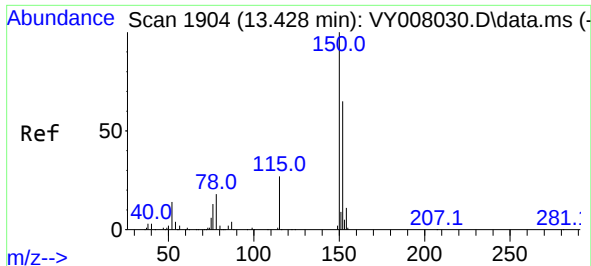
Tgt Ion: 95 Resp: 29836
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 87.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008207.D
Acq: 05 Apr 2022 14:16

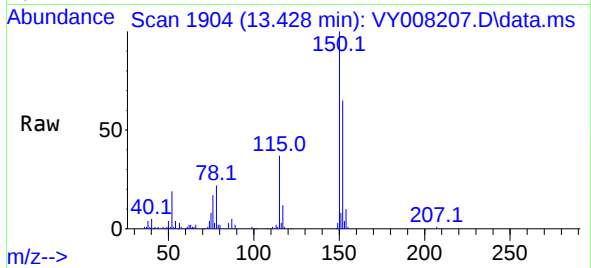
Tgt Ion: 117 Resp: 103611
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 30.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008207.D
 Acq: 05 Apr 2022 14:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 A13015RE



Tgt Ion:152 Resp: 21226
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.2 84.7
 150 157.0 0.0 347.6

