

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008191.D
 Acq On : 04 Apr 2022 19:23
 Operator : SY/MD
 Sample : N2237-02
 Misc : 5.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A13015

Quant Time: Apr 05 04:43:37 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)

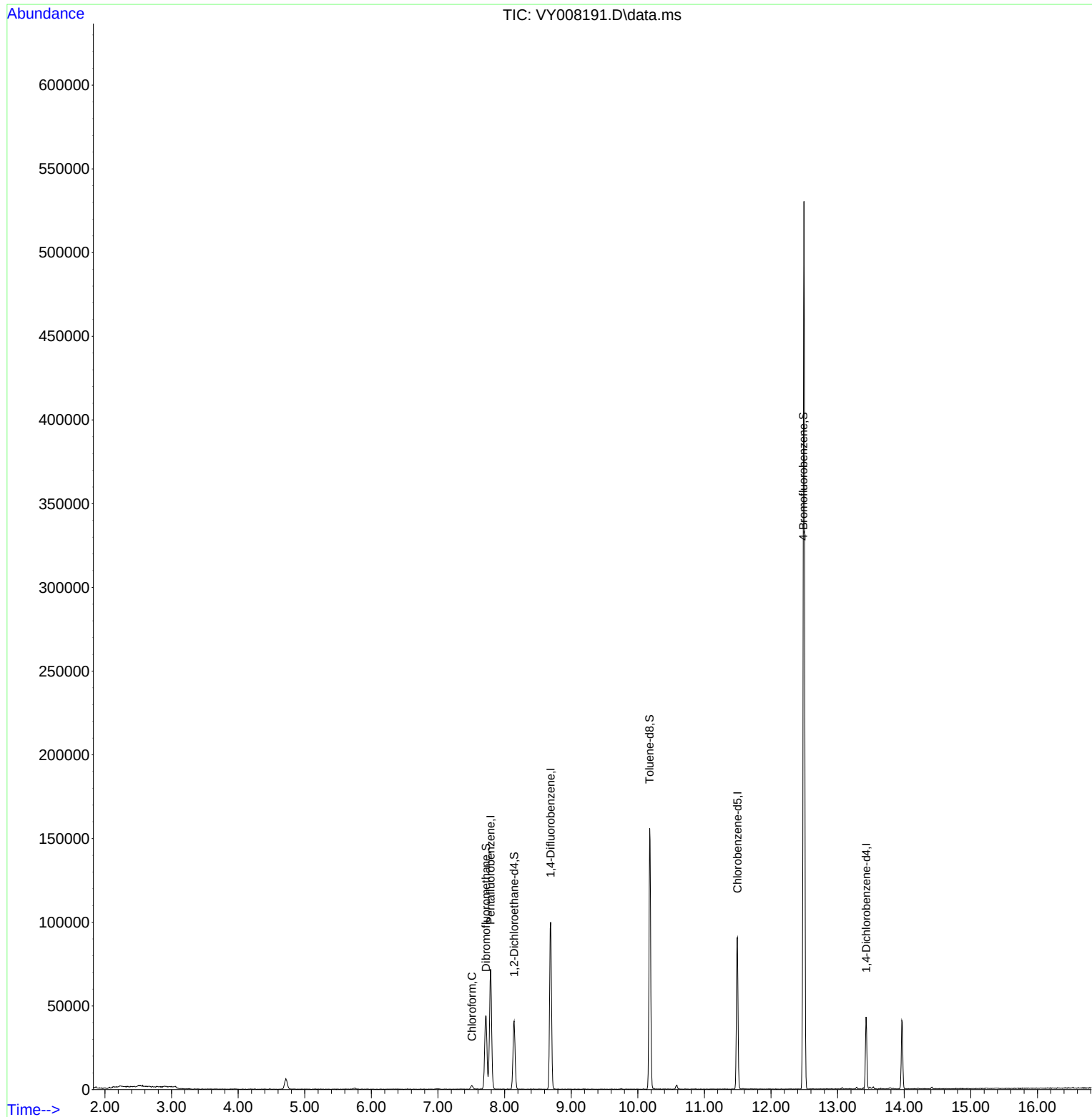
Internal Standards						
1) Pentafluorobenzene	7.789	168	55757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	91361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	52521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	31730	56.720	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.440%	
35) Dibromofluoromethane	7.722	113	32641	56.984	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.960%	
50) Toluene-d8	10.178	98	105604	48.935	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.860%	
62) 4-Bromofluorobenzene	12.483	95	15902	20.886	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 41.780%	
Target Compounds						
					Qvalue	
30) Chloroform	7.508	83	2062	1.718	ug/l	88

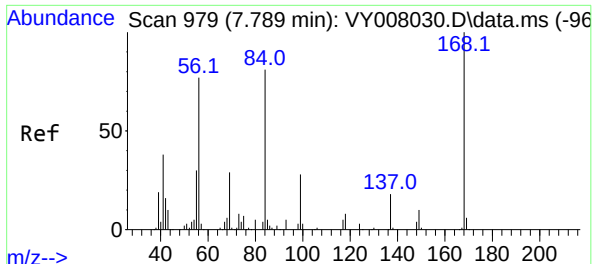
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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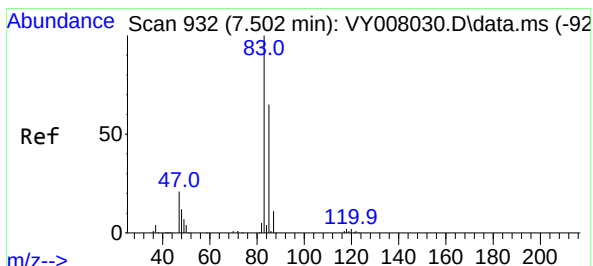
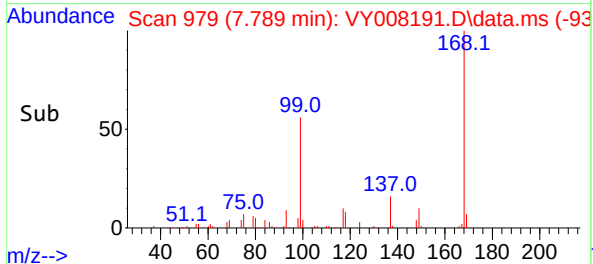
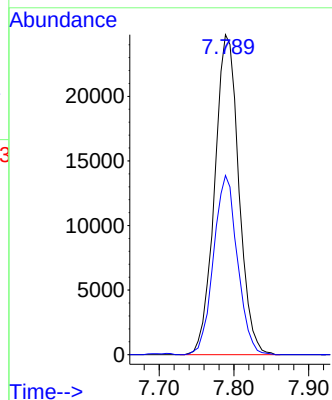
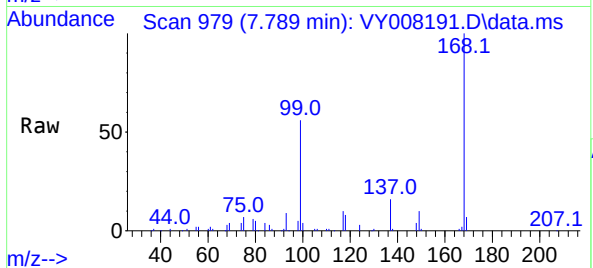




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008191.D
Acq: 04 Apr 2022 19:23

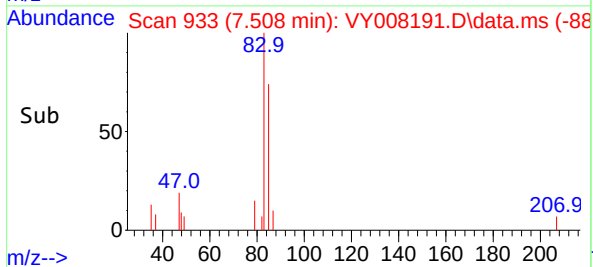
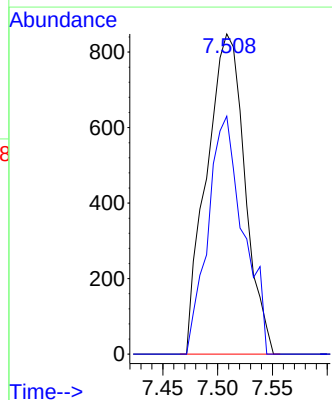
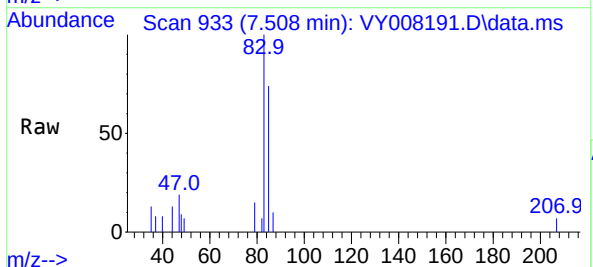
Instrument :
MSVOA_Y
ClientSampleId :
A13015

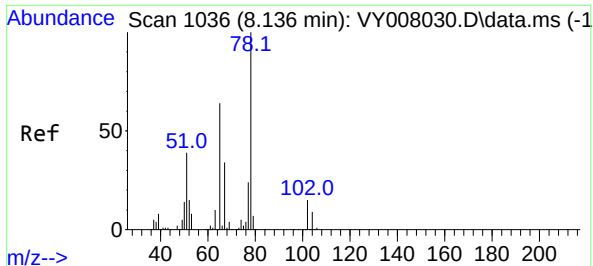
Tgt Ion:168 Resp: 55757
Ion Ratio Lower Upper
168 100
99 56.0 46.9 70.3



#30
Chloroform
Concen: 1.718 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.006 min
Lab File: VY008191.D
Acq: 04 Apr 2022 19:23

Tgt Ion: 83 Resp: 2062
Ion Ratio Lower Upper
83 100
85 74.3 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: 56.720 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY008191.D

Acq: 04 Apr 2022 19:23

Instrument :

MSVOA_Y

ClientSampleId :

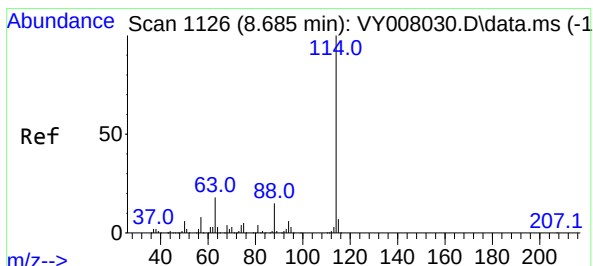
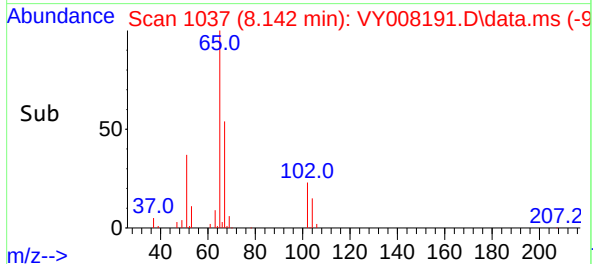
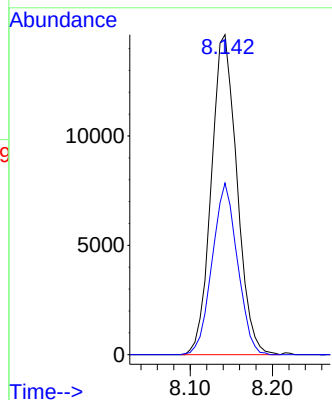
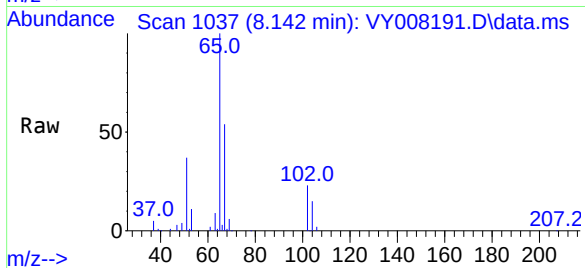
A13015

Tgt Ion: 65 Resp: 31730

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: VY008191.D

Acq: 04 Apr 2022 19:23

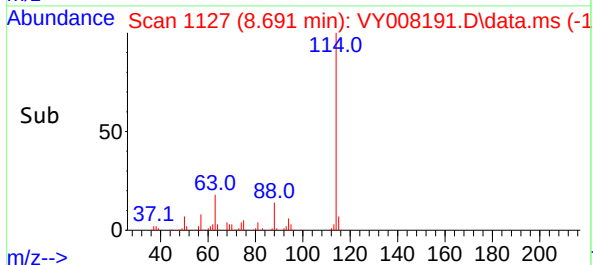
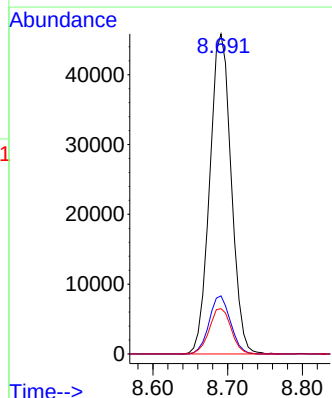
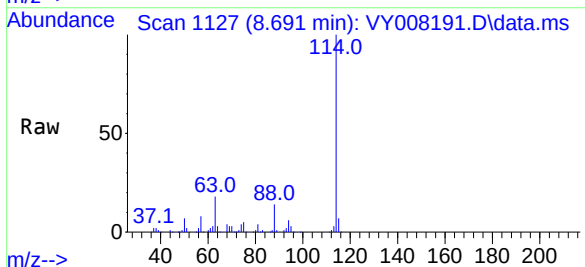
Tgt Ion: 114 Resp: 91361

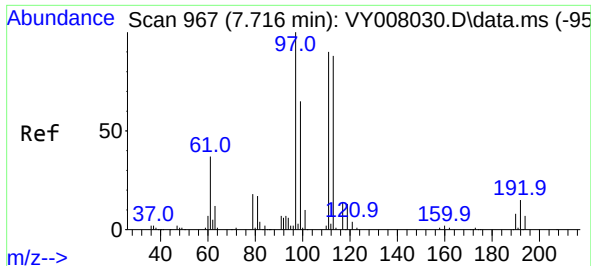
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.2 0.0 31.8



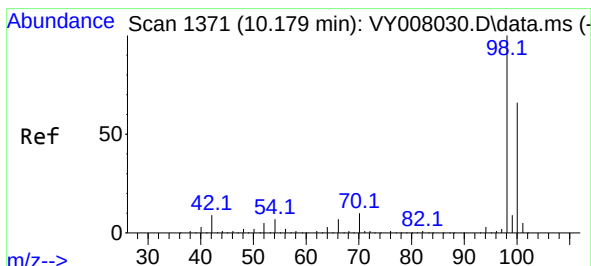
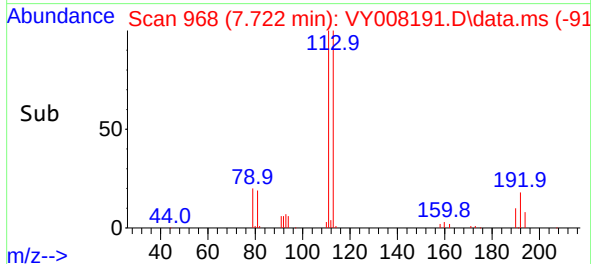
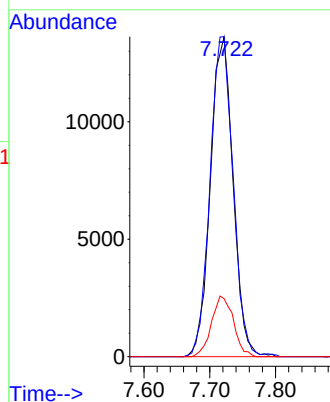
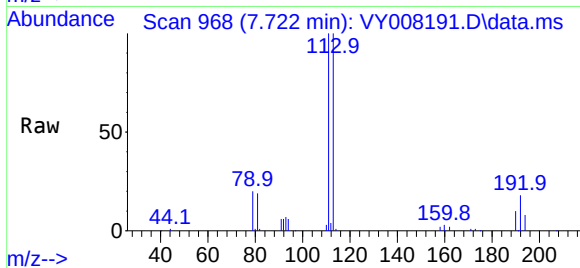


#35
 Dibromofluoromethane
 Concen: 56.984 ug/l
 RT: 7.722 min Scan# 968
 Delta R.T. 0.006 min
 Lab File: VY008191.D
 Acq: 04 Apr 2022 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 A13015

Tgt Ion:113 Resp: 32641

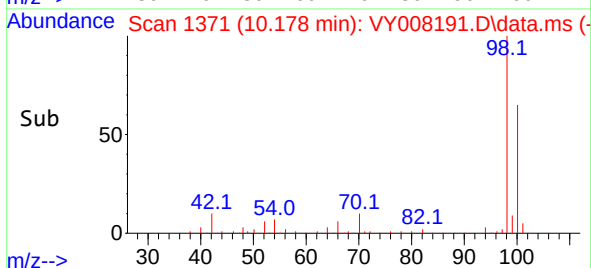
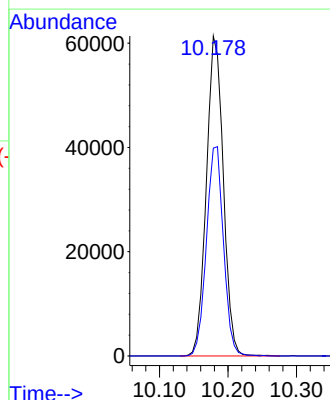
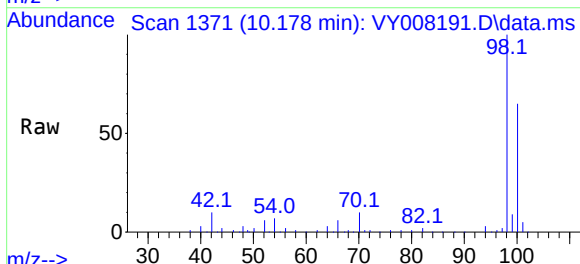
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	124.0
192	18.3	17.6	26.4

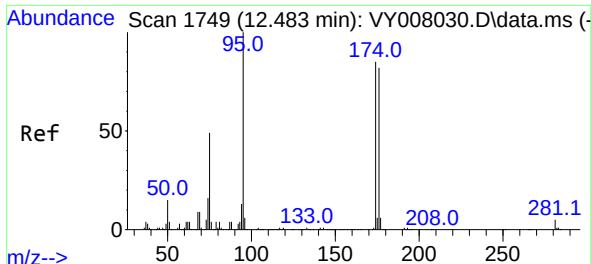


#50
 Toluene-d8
 Concen: 48.935 ug/l
 RT: 10.178 min Scan# 1371
 Delta R.T. -0.001 min
 Lab File: VY008191.D
 Acq: 04 Apr 2022 19:23

Tgt Ion: 98 Resp: 105604

Ion	Ratio	Lower	Upper
98	100		
100	65.9	50.2	75.2

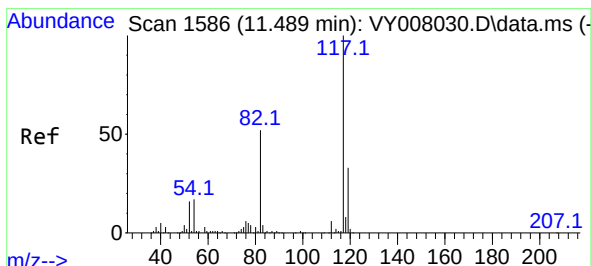
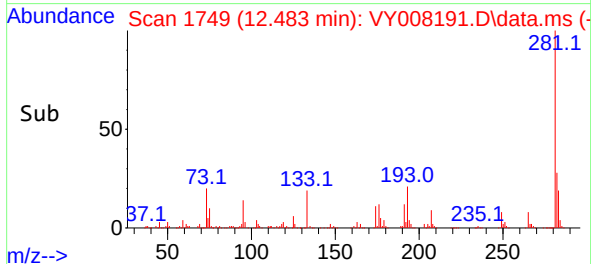
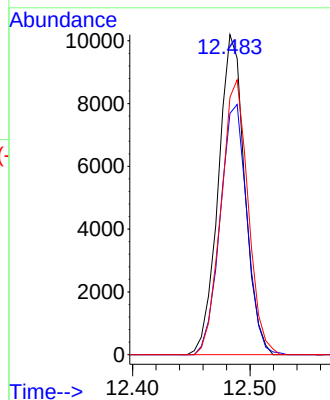
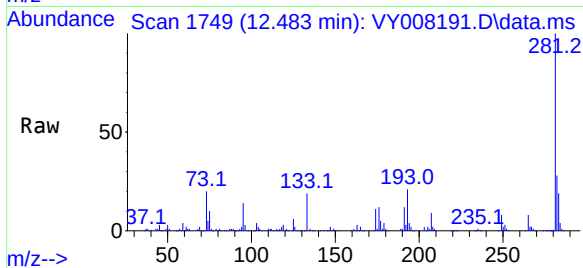




#62
4-Bromofluorobenzene
Concen: 20.886 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008191.D
Acq: 04 Apr 2022 19:23

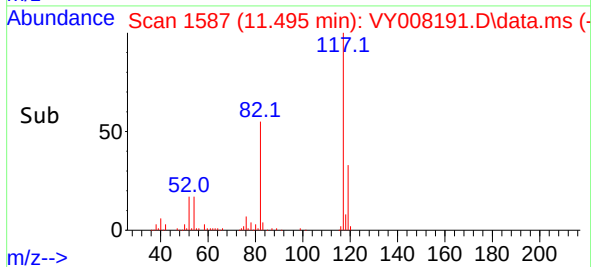
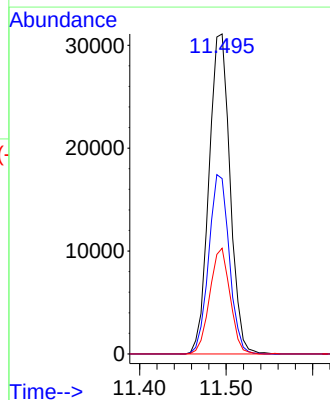
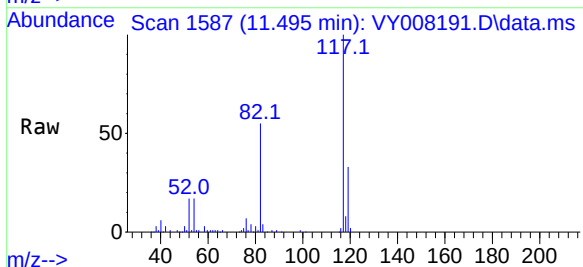
Instrument :
MSVOA_Y
ClientSampleId :
A13015

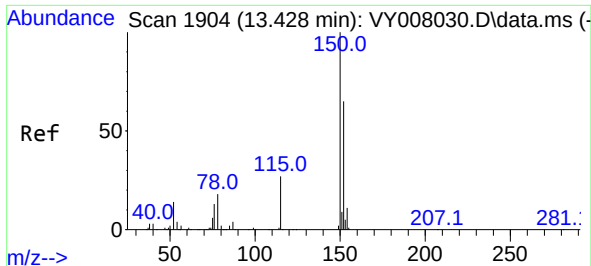
Tgt Ion:	95	Resp:	15902
Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	177.0
176	87.9	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY008191.D
Acq: 04 Apr 2022 19:23

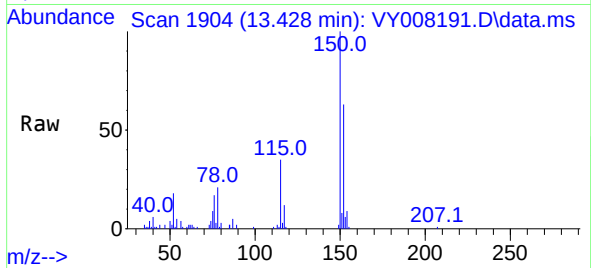
Tgt Ion:	117	Resp:	52521
Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.0	64.4
119	33.1	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008191.D
 Acq: 04 Apr 2022 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 A13015



Tgt Ion:152 Resp: 10879

Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.2	84.7
150	158.3	0.0	347.6

