

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006291.D
 Acq On : 04 Oct 2021 21:01
 Operator : SY/MD
 Sample : M4041-03
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-1

Quant Time: Oct 05 06:39:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

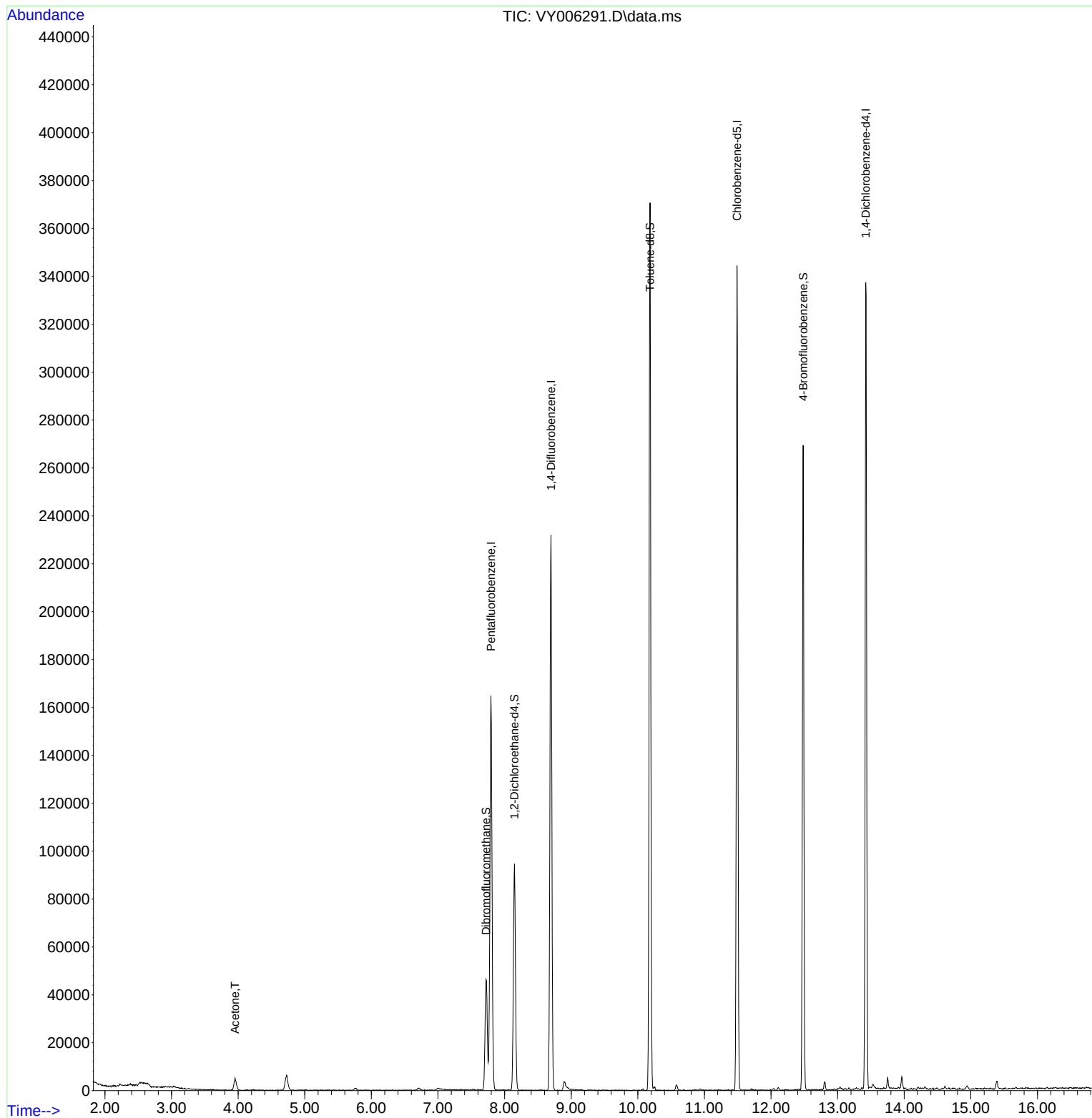
Internal Standards						
1) Pentafluorobenzene	7.795	168	124811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	187486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	177215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79027	59.16	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.32%
35) Dibromofluoromethane	7.722	113	31534	31.48	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	62.96%
50) Toluene-d8	10.185	98	235618	56.20	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.40%
62) 4-Bromofluorobenzene	12.483	95	72991	51.25	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.50%
Target Compounds						
16) Acetone	3.954	43	8231	22.06	ug/l	Qvalue 90

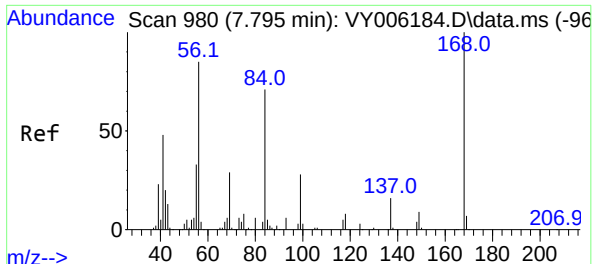
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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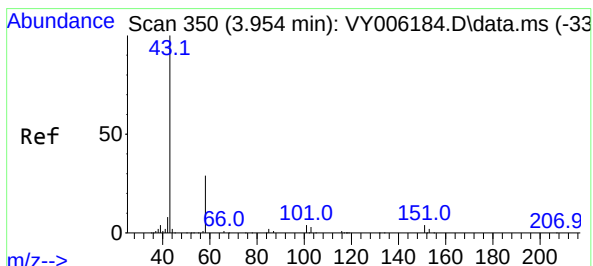
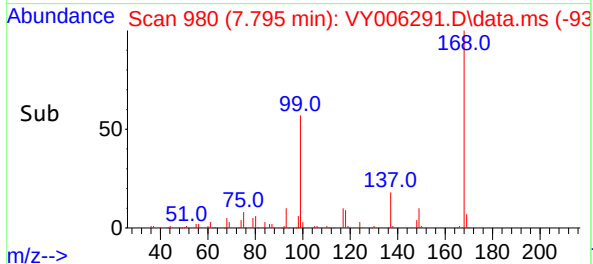
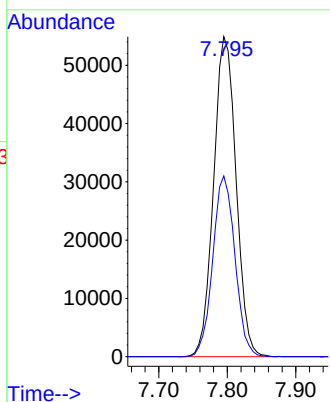
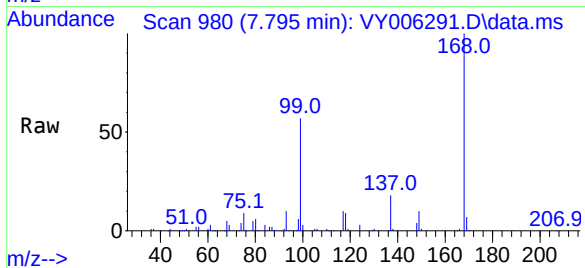




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006291.D
Acq: 04 Oct 2021 21:01

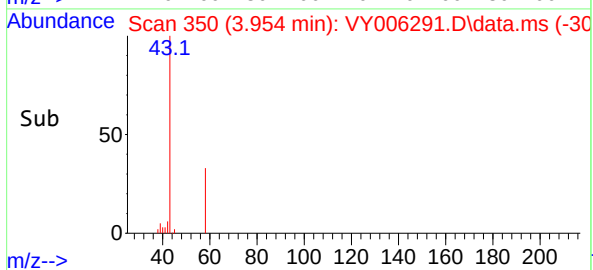
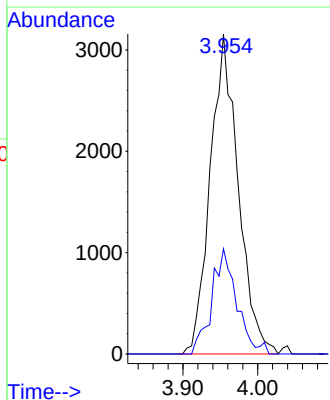
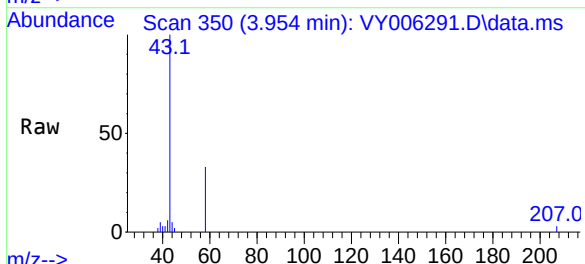
Instrument :
MSVOA_Y
ClientSampled :
S-1

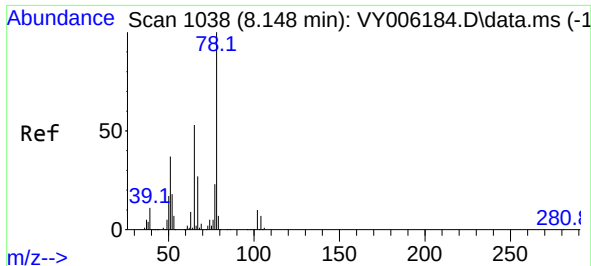
Tgt Ion:168 Resp: 124811
Ion Ratio Lower Upper
168 100
99 56.5 46.9 70.3



#16
Acetone
Concen: 22.06 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006291.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 43 Resp: 8231
Ion Ratio Lower Upper
43 100
58 32.8 22.0 33.0

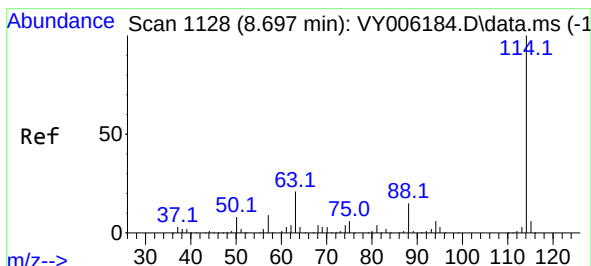
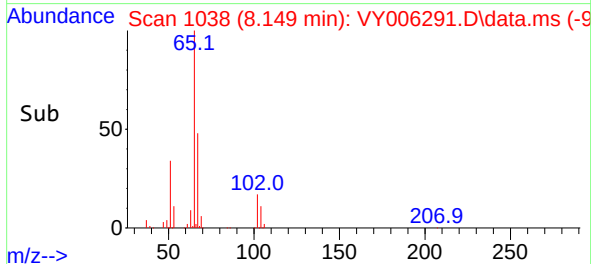
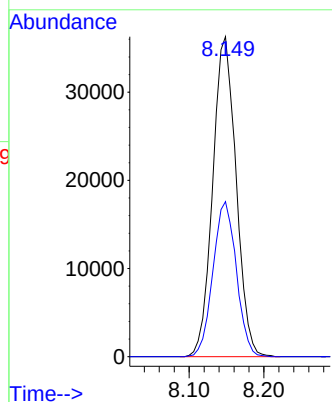
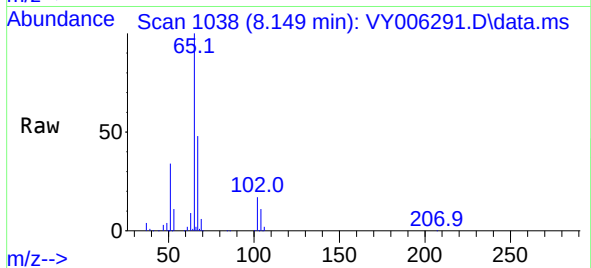




#33
1,2-Dichloroethane-d4
Concen: 59.16 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006291.D
Acq: 04 Oct 2021 21:01

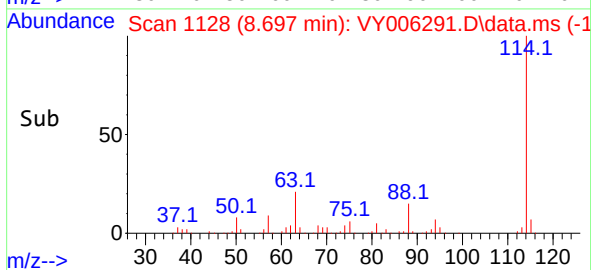
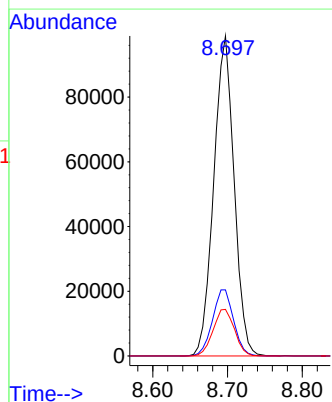
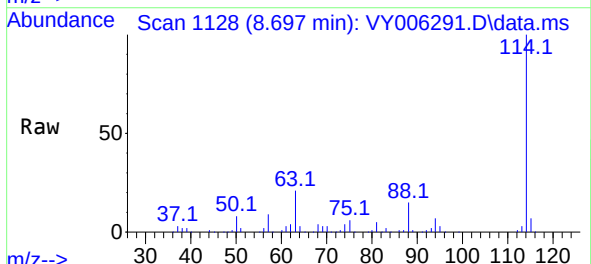
Instrument :
MSVOA_Y
ClientSampled :
S-1

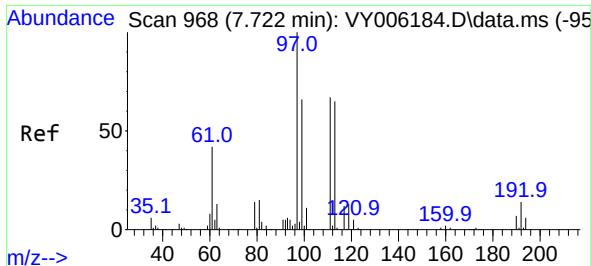
Tgt Ion: 65 Resp: 79027
Ion Ratio Lower Upper
65 100
67 48.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006291.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 114 Resp: 187486
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.2
88 14.6 0.0 31.8



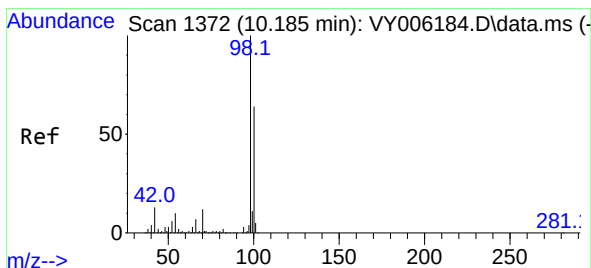
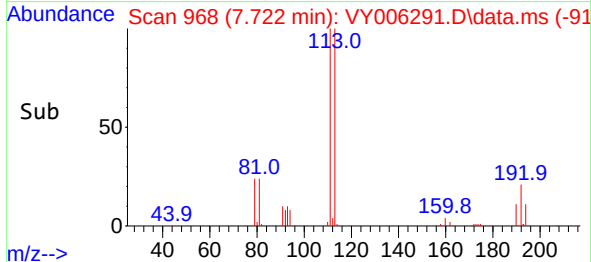
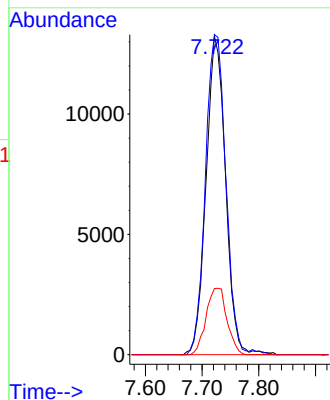
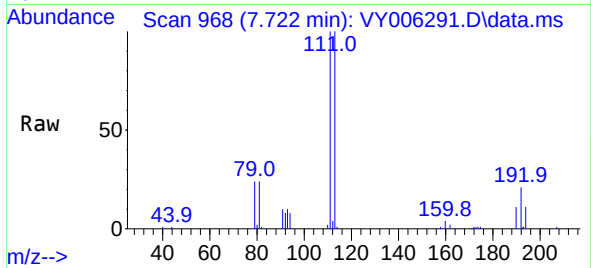


#35
Dibromofluoromethane
Concen: 31.48 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006291.D
Acq: 04 Oct 2021 21:01

Instrument :
MSVOA_Y
ClientSampled :
S-1

Tgt Ion:113 Resp: 31534

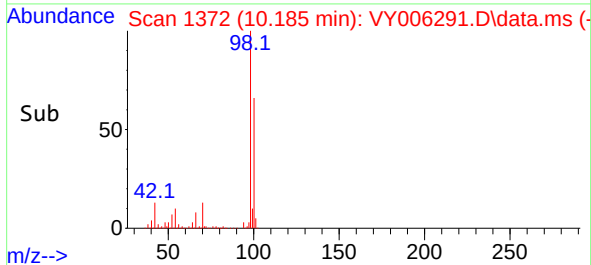
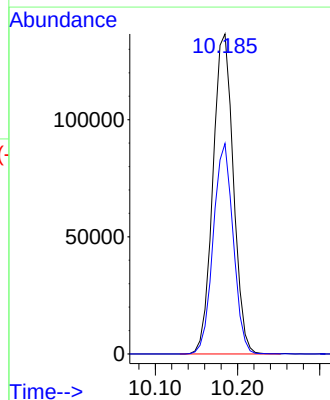
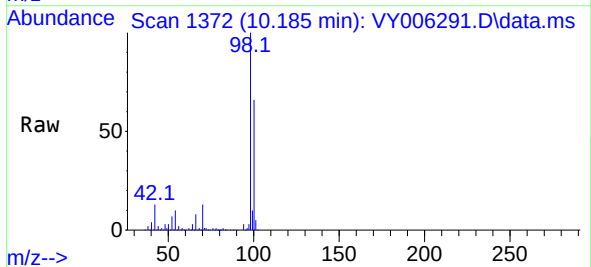
Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.6	124.0
192	22.3	17.6	26.4

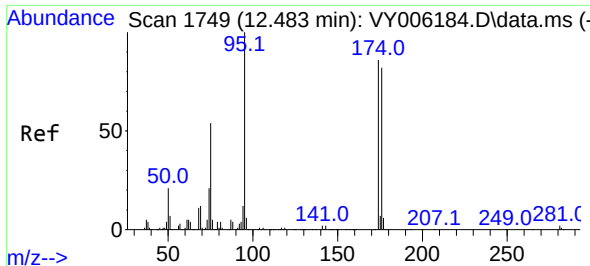


#50
Toluene-d8
Concen: 56.20 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006291.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 98 Resp: 235618

Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.2	75.2



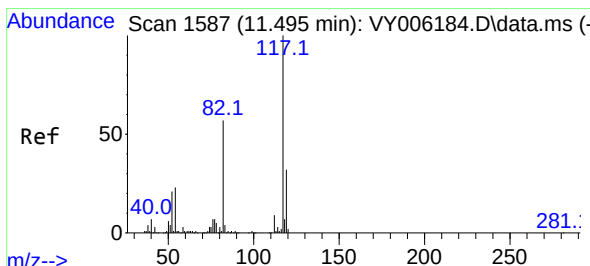
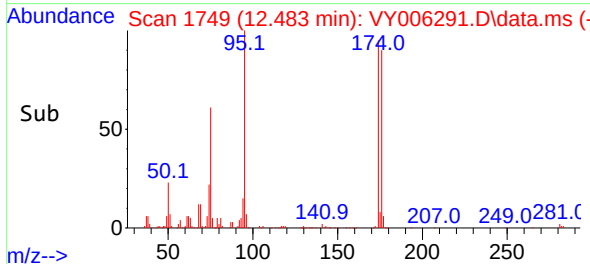
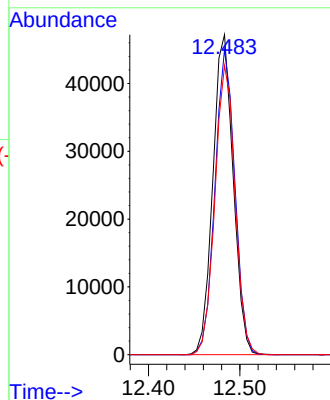
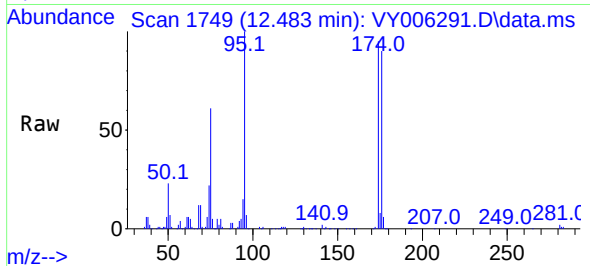


#62
4-Bromofluorobenzene
Concen: 51.25 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006291.D
Acq: 04 Oct 2021 21:01

Instrument :
MSVOA_Y
ClientSampleId :
S-1

Tgt Ion: 95 Resp: 72991

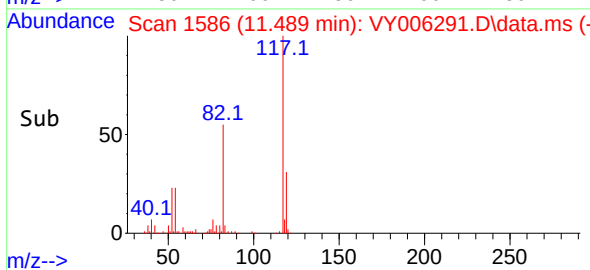
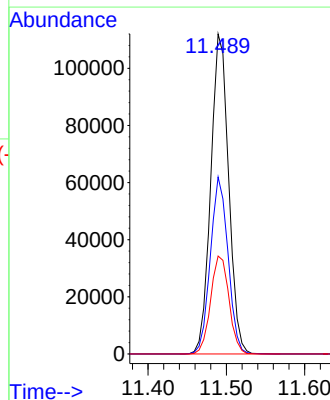
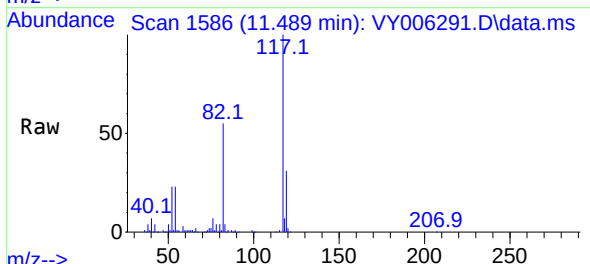
Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	177.0
176	89.4	0.0	175.8

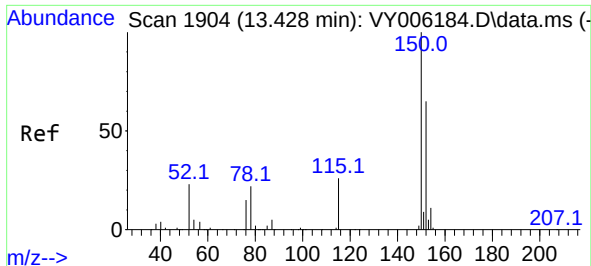


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006291.D
Acq: 04 Oct 2021 21:01

Tgt Ion: 117 Resp: 177215

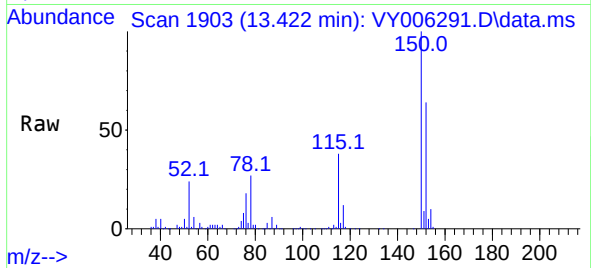
Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.0	64.4
119	30.6	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY006291.D
 Acq: 04 Oct 2021 21:01

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:152 Resp: 83268

Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.2	84.7
150	155.8	0.0	347.6

