

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050321\
 Data File : VY004694.D
 Acq On : 03 May 2021 15:53
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

Quant Time: May 04 01:14:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

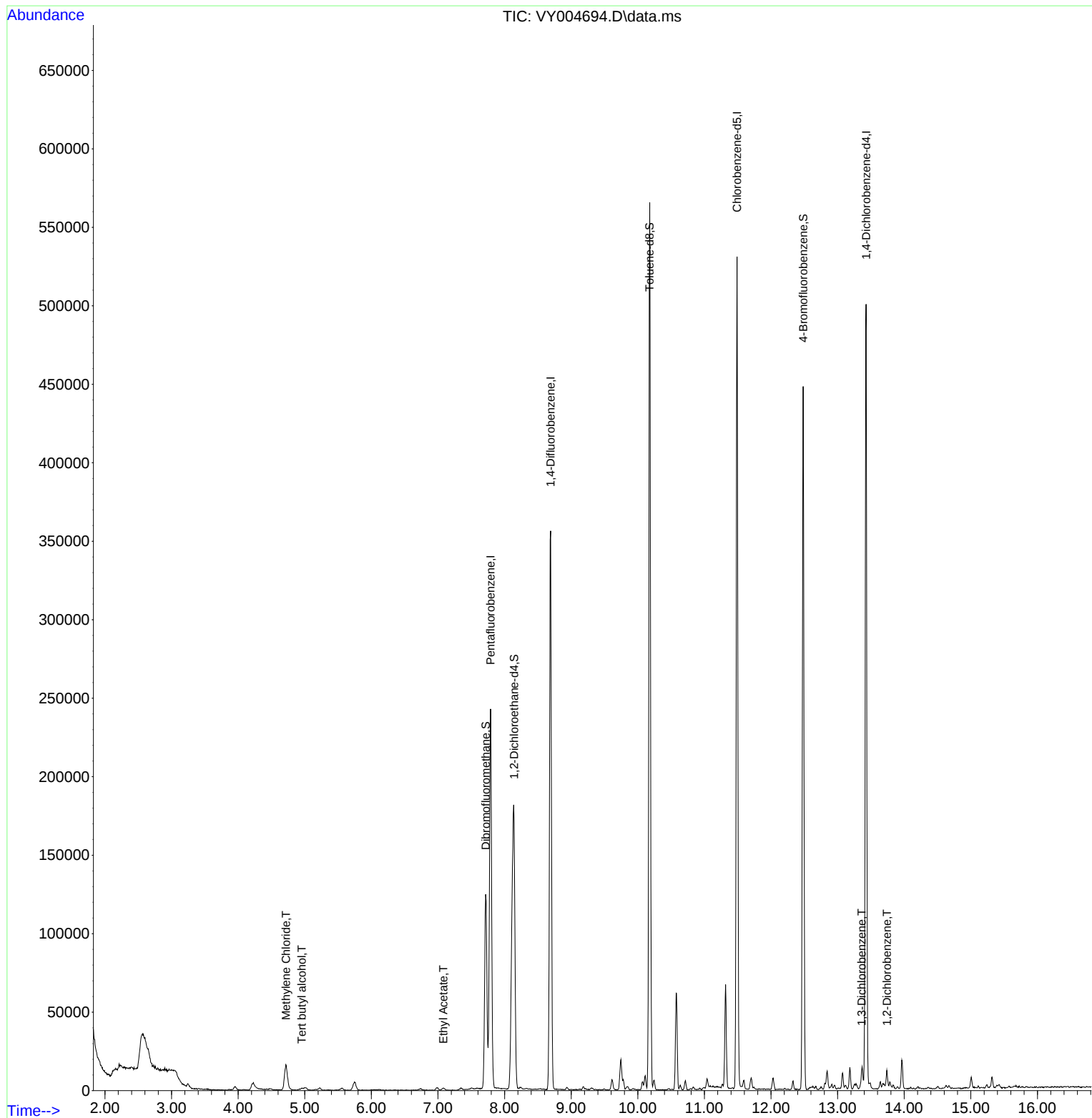
Internal Standards						
1) Pentafluorobenzene	7.789	168	177595	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	292976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	264349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	109467	55.48	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.96%	
35) Dibromofluoromethane	7.716	113	86753	53.36	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.72%	
50) Toluene-d8	10.179	98	349187	50.49	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.98%	
62) 4-Bromofluorobenzene	12.483	95	115190	49.08	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.16%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.954	59	2439	12.54	ug/l	# 86
20) Methylene Chloride	4.716	84	11551	6.06	ug/l	89
37) Ethyl Acetate	7.082	43	2245	1.20	ug/l	# 87
87) 1,3-Dichlorobenzene	13.361	146	4293	1.07	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	3898	1.10	ug/l	96

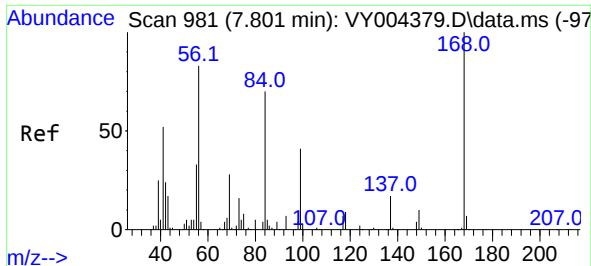
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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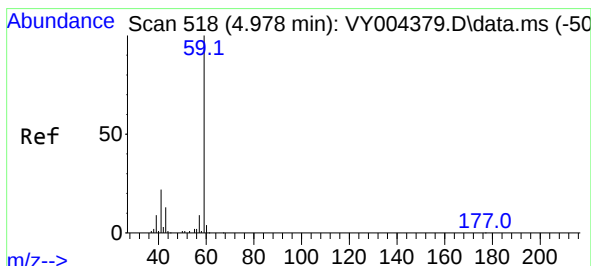
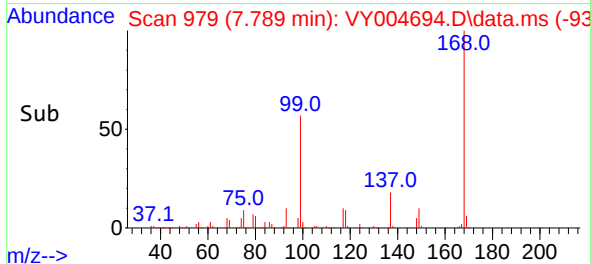
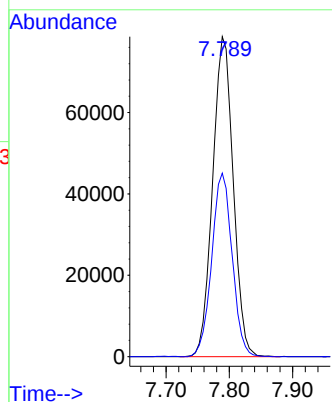
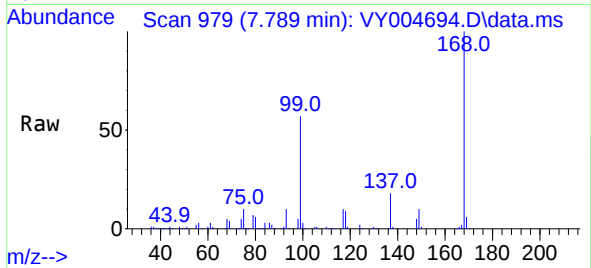




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.012 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

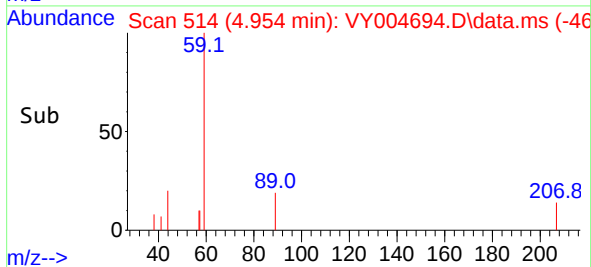
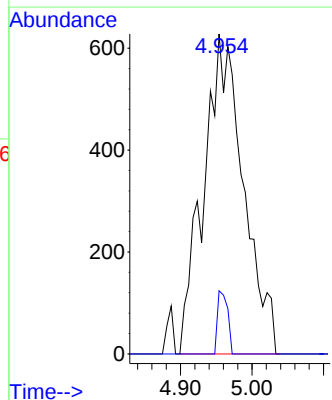
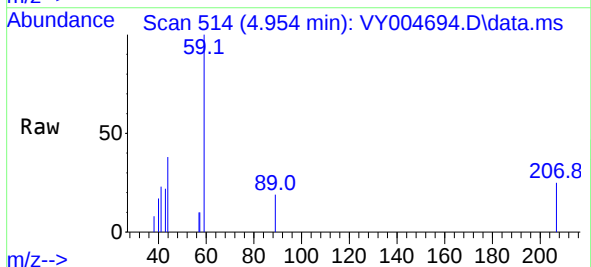
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

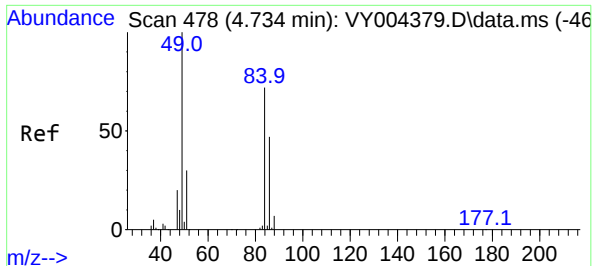
Tgt Ion:168 Resp: 177595
Ion Ratio Lower Upper
168 100
99 57.4 45.5 68.3



#11
Tert butyl alcohol
Concen: 12.54 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

Tgt Ion: 59 Resp: 2439
Ion Ratio Lower Upper
59 100
57 4.9 8.1 12.1#



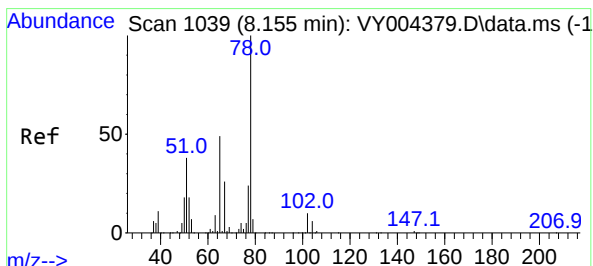
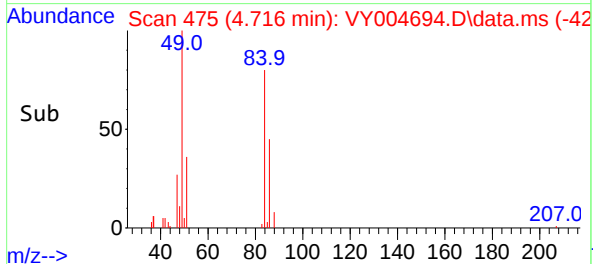
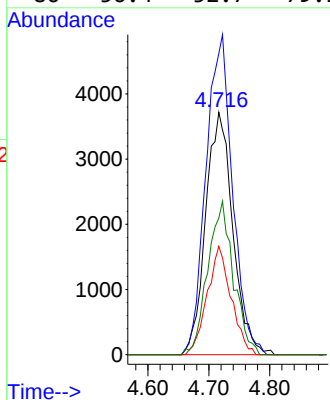
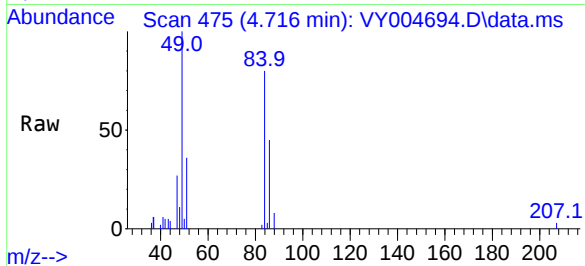


#20
Methylene Chloride
Concen: 6.06 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.018 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

Instrument :
MSVOA_Y
ClientSampled :
IBLK

Tgt Ion: 84 Resp: 11551

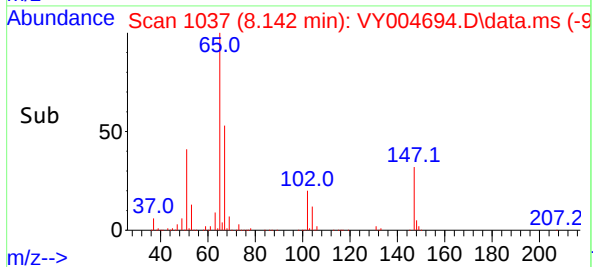
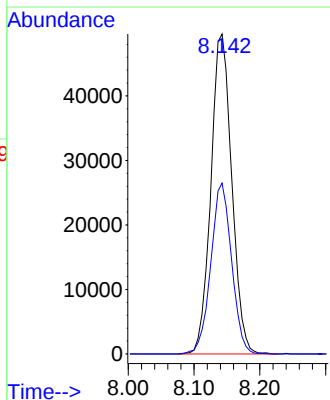
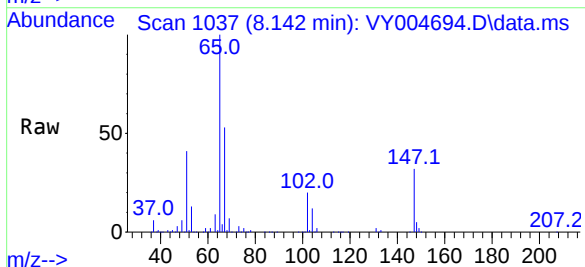
Ion	Ratio	Lower	Upper
84	100		
49	124.3	111.2	166.8
51	44.7	33.4	50.2
86	56.4	52.7	79.1

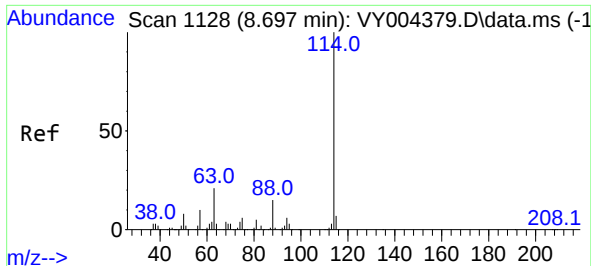


#33
1,2-Dichloroethane-d4
Concen: 55.48 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

Tgt Ion: 65 Resp: 109467

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.4



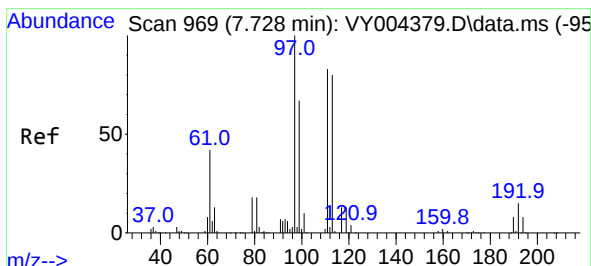
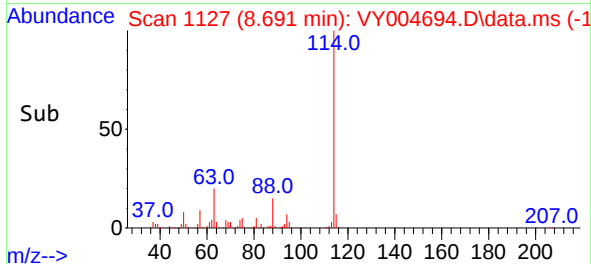
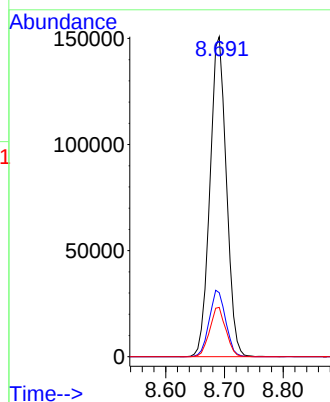
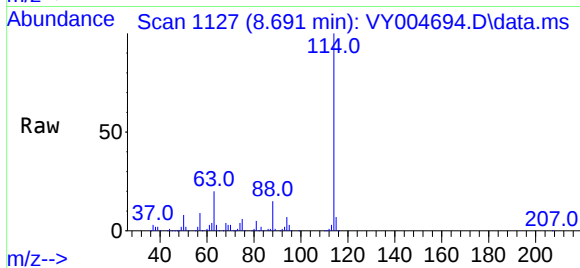


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

Instrument :
MSVOA_Y
ClientSampled :
IBLK

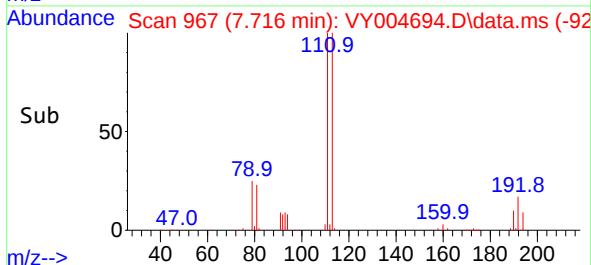
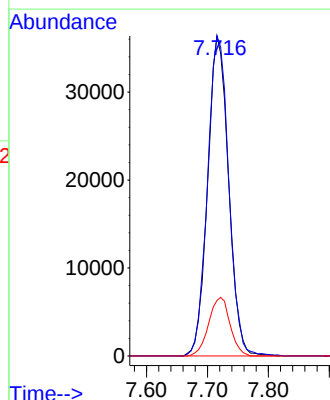
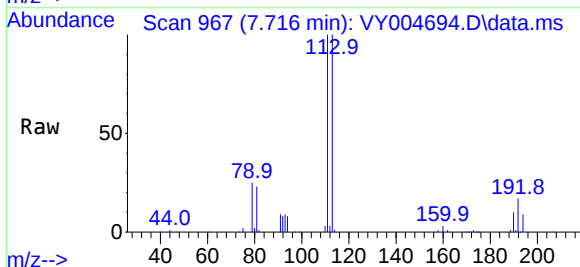
Tgt Ion:	114	Resp:	292976
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.4
88	15.4	0.0	30.8

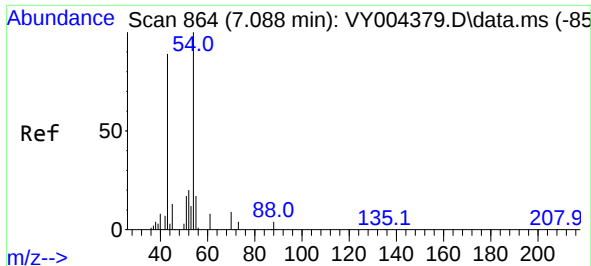


#35

Dibromofluoromethane
Concen: 53.36 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.012 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

Tgt Ion:	113	Resp:	86753
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	123.8
192	18.7	16.1	24.1





#37

Ethyl Acetate

Concen: 1.20 ug/l

RT: 7.082 min Scan# 863

Delta R.T. -0.006 min

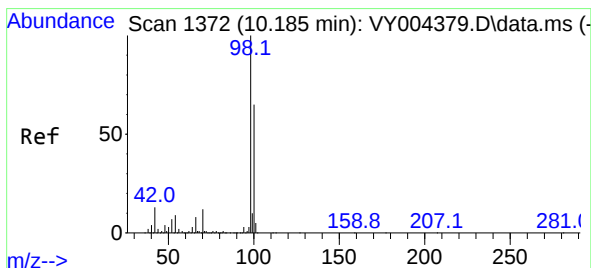
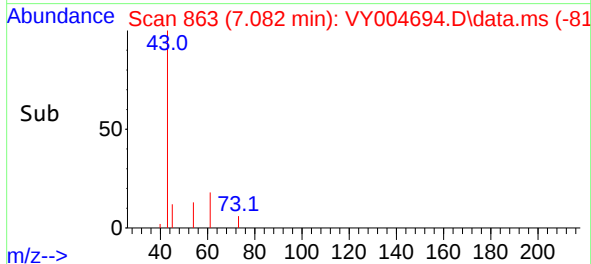
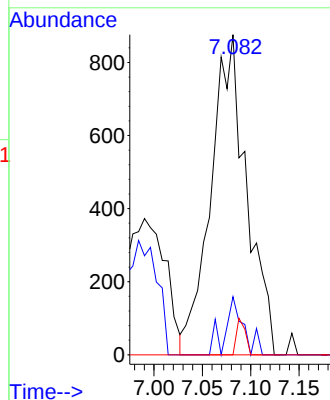
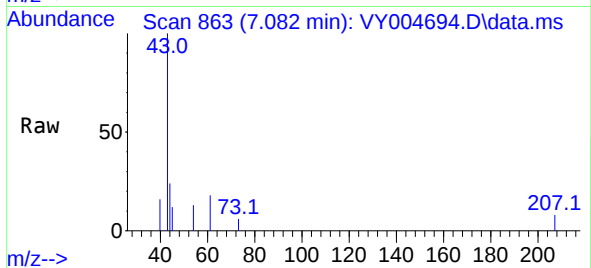
Lab File: VY004694.D

Acq: 03 May 2021 15:53

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion: 43 Resp: 2245

Ion	Ratio	Lower	Upper
43	100		
61	9.5	10.4	15.6#
70	2.8	7.5	11.3#



#50

Toluene-d8

Concen: 50.49 ug/l

RT: 10.179 min Scan# 1371

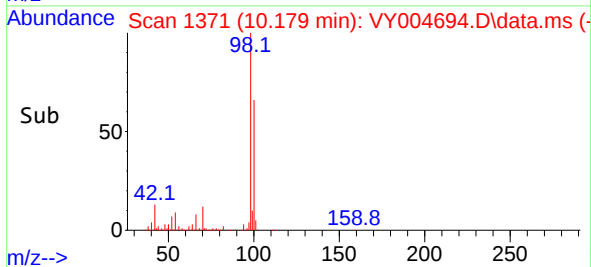
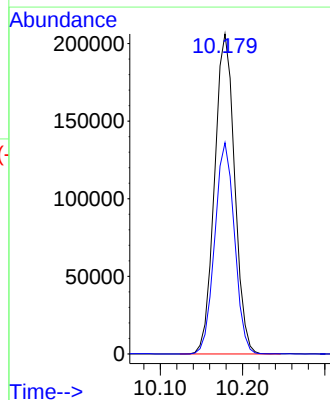
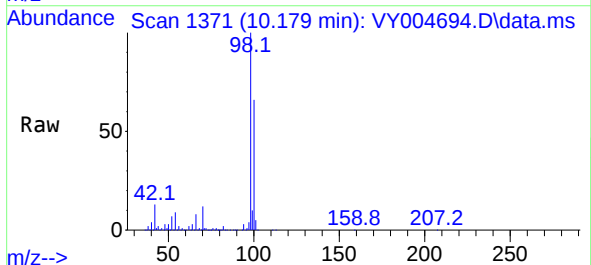
Delta R.T. -0.006 min

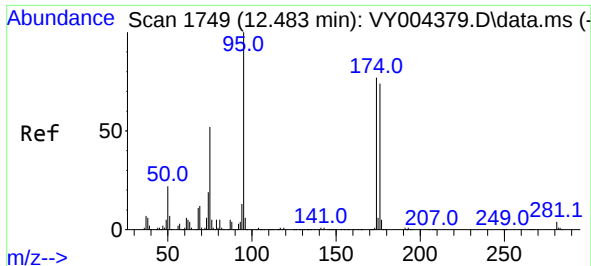
Lab File: VY004694.D

Acq: 03 May 2021 15:53

Tgt Ion: 98 Resp: 349187

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.8	77.6



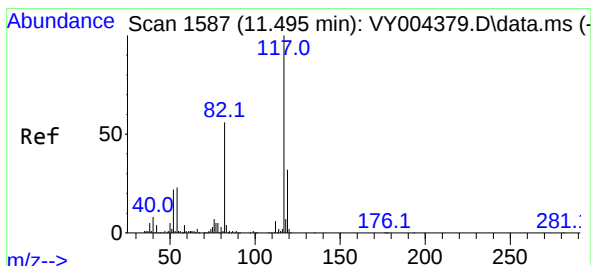
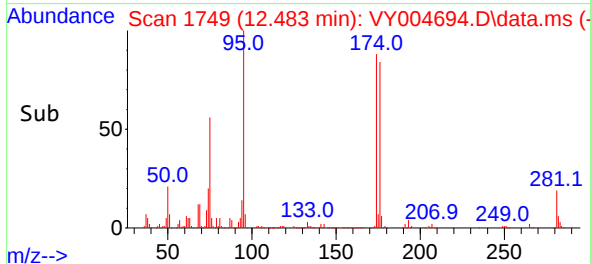
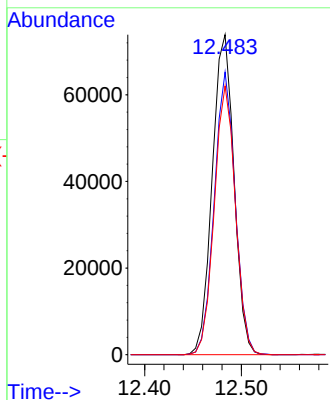
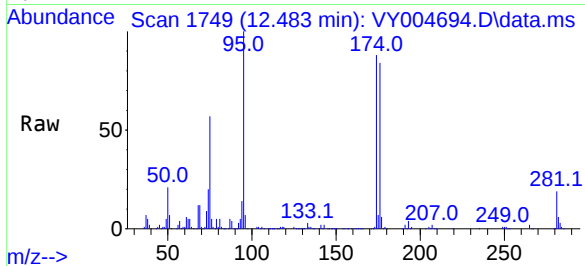


#62
4-Bromofluorobenzene
Concen: 49.08 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

Instrument :
MSVOA_Y
ClientSampled :
IBLK

Tgt Ion: 95 Resp: 115190

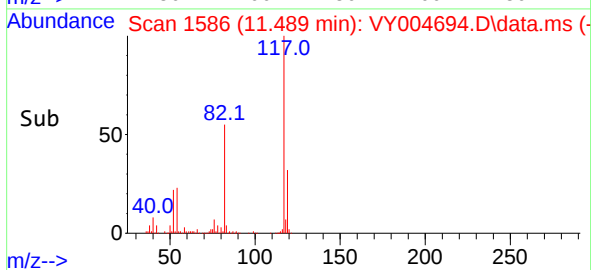
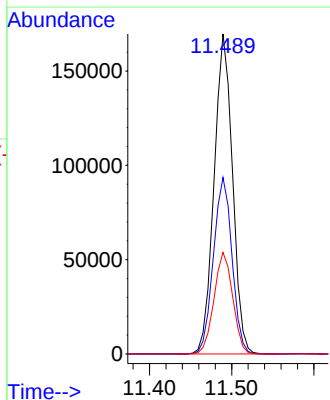
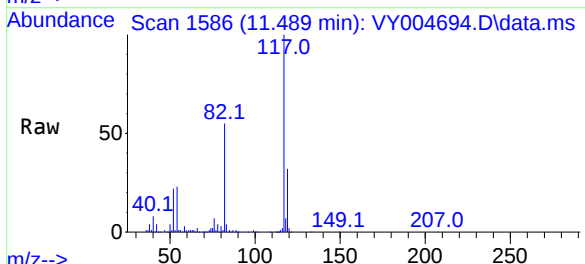
Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	162.4
176	81.7	0.0	156.0

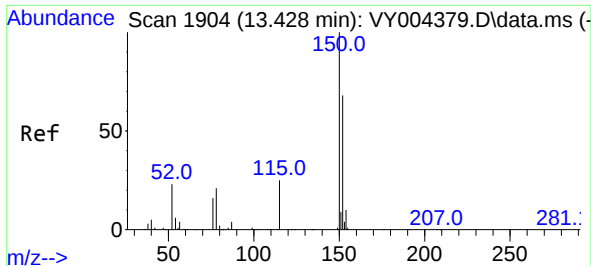


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

Tgt Ion: 117 Resp: 264349

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.9	67.3
119	31.7	25.4	38.0

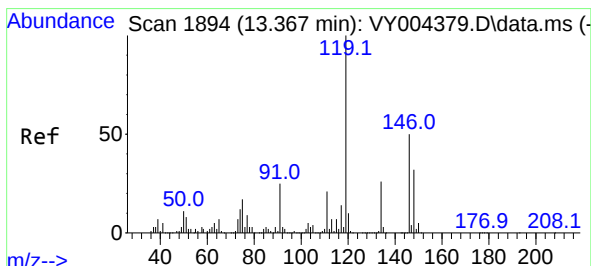
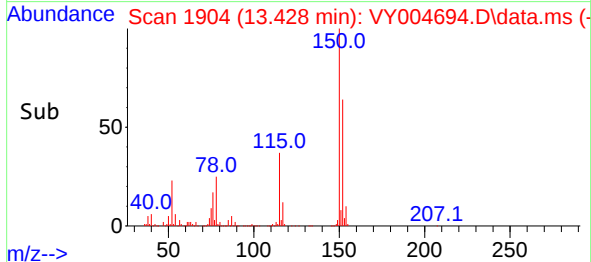
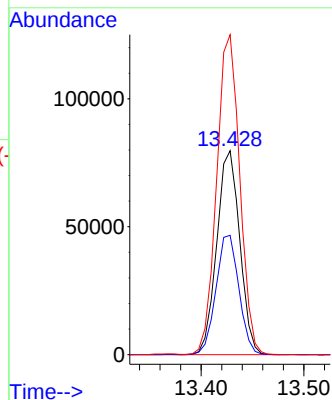
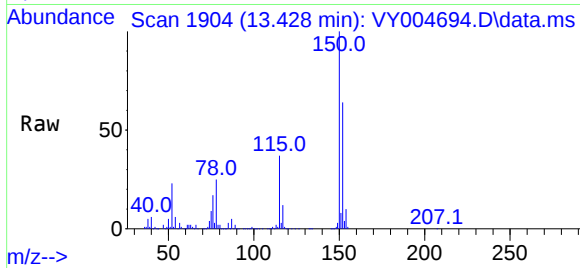




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

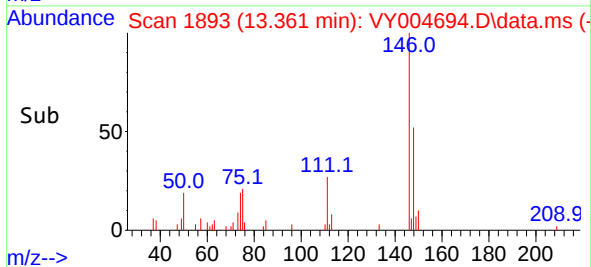
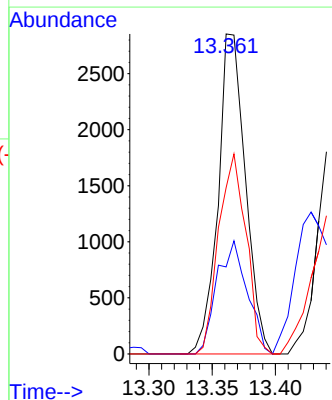
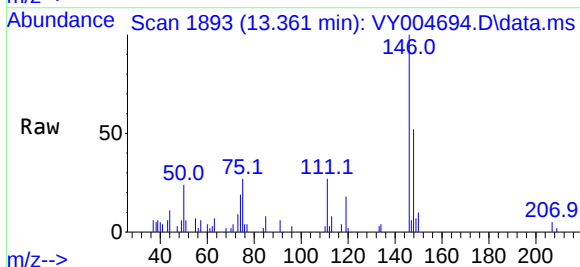
Instrument :
MSVOA_Y
ClientSampled :
IBLK

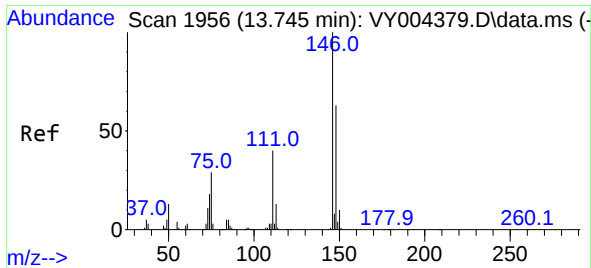
Tgt Ion:152 Resp: 123687
Ion Ratio Lower Upper
152 100
115 58.5 29.6 88.8
150 157.6 0.0 348.4



#87
1,3-Dichlorobenzene
Concen: 1.07 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY004694.D
Acq: 03 May 2021 15:53

Tgt Ion:146 Resp: 4293
Ion Ratio Lower Upper
146 100
111 39.3 20.4 61.2
148 62.4 32.1 96.5





#91
 1,2-Dichlorobenzene
 Concen: 1.10 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.006 min
 Lab File: VY004694.D
 Acq: 03 May 2021 15:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

Tgt Ion:	146	Resp:	3898
Ion	Ratio	Lower	Upper
146	100		
111	43.7	20.9	62.7
148	67.8	31.9	95.5

