

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006659.D
 Acq On : 05 Nov 2021 16:19
 Operator : SY/MD
 Sample : M4477-02
 Misc : 5.08G/10ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 20:40:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

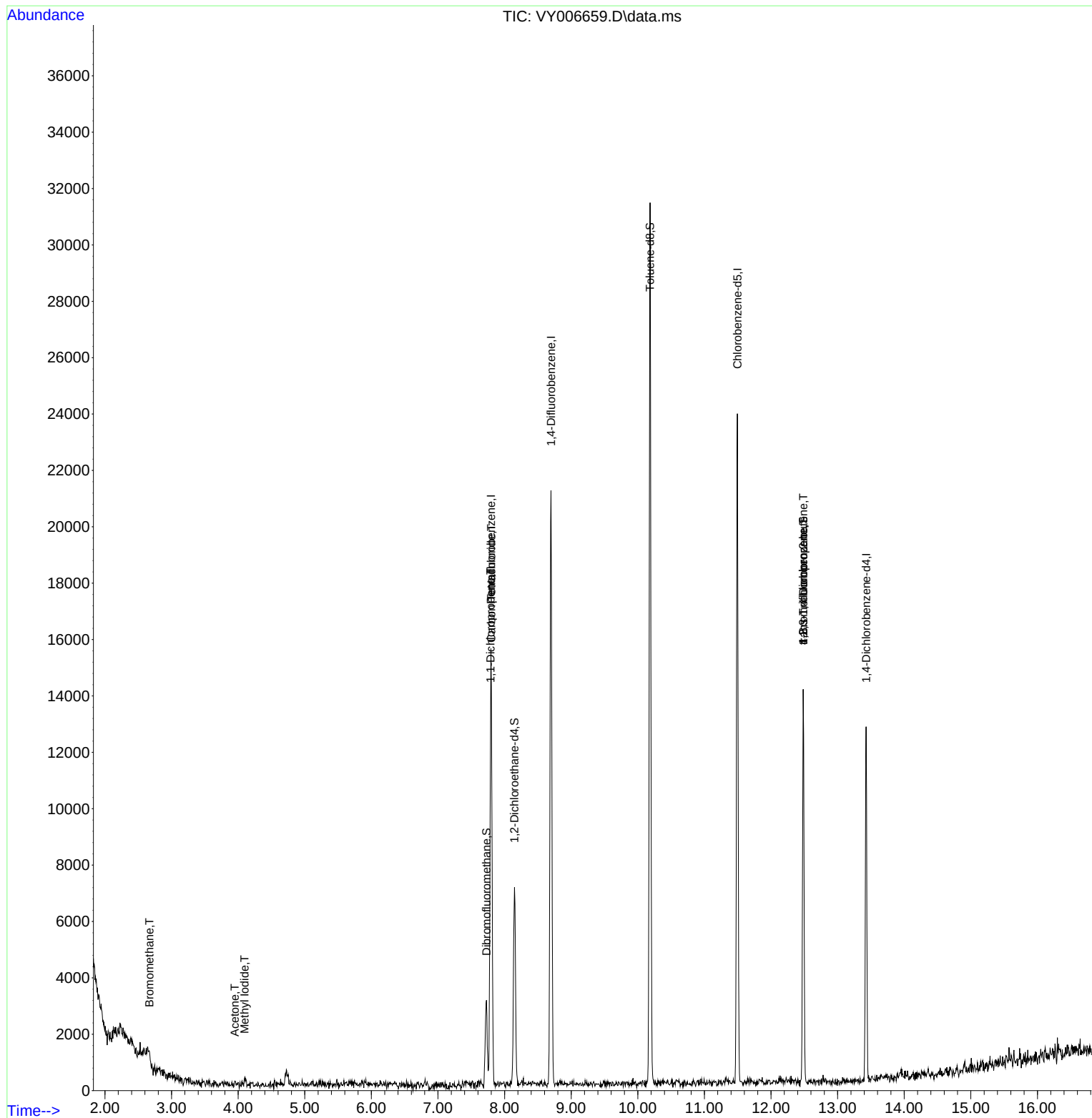
Internal Standards						
1) Pentafluorobenzene	7.795	168	12214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	16185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	12026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5858	38.975	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.960%
35) Dibromofluoromethane	7.728	113	2095	23.223	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	46.440%#
50) Toluene-d8	10.185	98	19154	50.087	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.180%
62) 4-Bromofluorobenzene	12.483	95	3978	30.880	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.760%
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	191	1.684	ug/l #	66
10) Methyl Iodide	4.094	142	346	7.645	ug/l #	56
16) Acetone	3.948	43	61	1.409	ug/l #	46
20) Methylene Chloride	4.728	84	387	Below Cal	#	73
36) 1,1-Dichloropropene	7.789	75	799	4.996	ug/l #	42
38) Carbon Tetrachloride	7.801	117	1142	6.473	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	2340	67.907	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2340	139.410	ug/l #	7

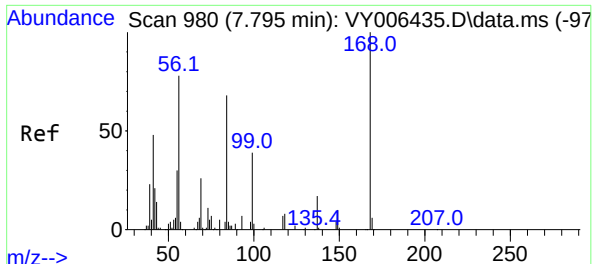
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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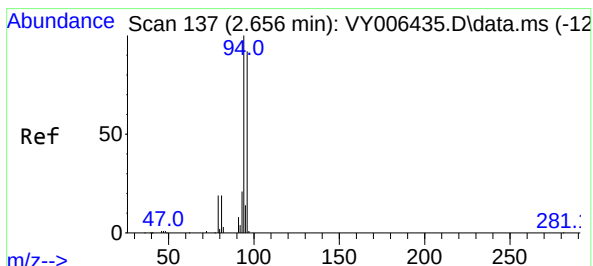
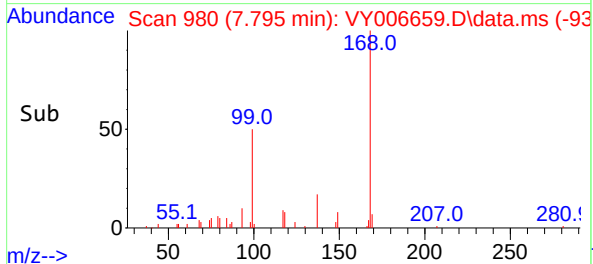
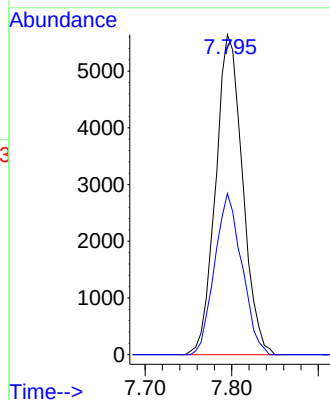
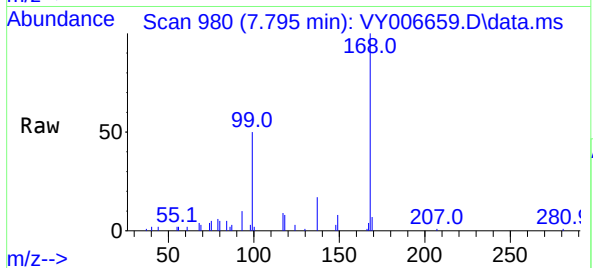




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006659.D
Acq: 05 Nov 2021 16:19

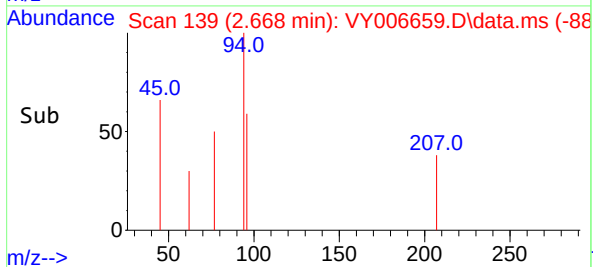
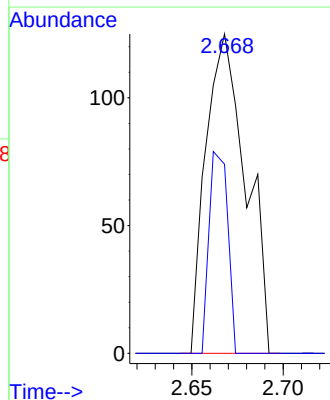
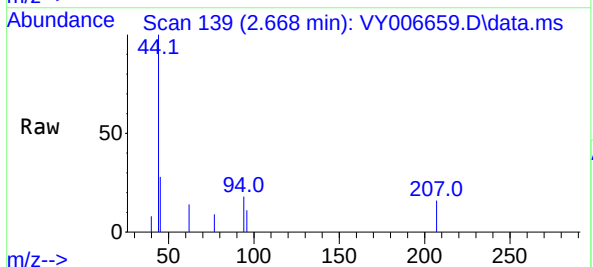
Instrument :
MSVOA_Y
ClientSampleId :

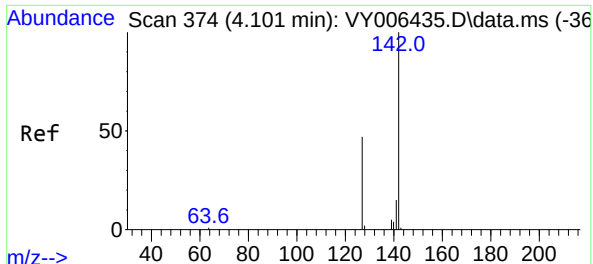
Tgt Ion:168 Resp: 12214
Ion Ratio Lower Upper
168 100
99 50.4 44.8 67.2



#5
Bromomethane
Concen: 1.684 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY006659.D
Acq: 05 Nov 2021 16:19

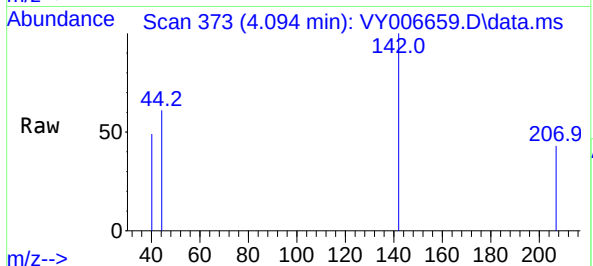
Tgt Ion: 94 Resp: 191
Ion Ratio Lower Upper
94 100
96 59.2 73.5 110.3#



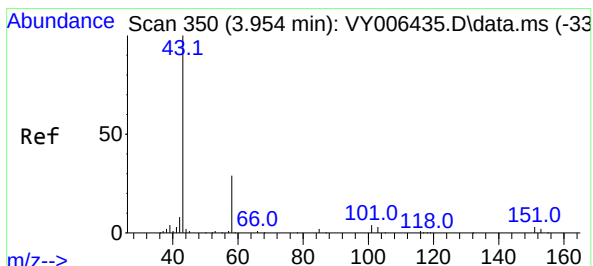
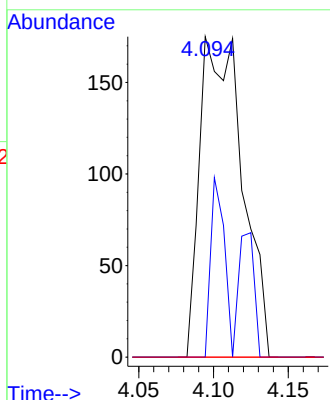
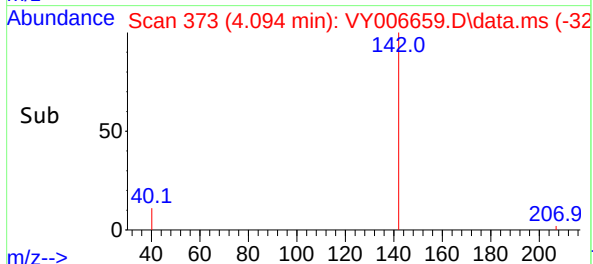


#10
Methyl Iodide
Concen: 7.645 ug/l
RT: 4.094 min Scan# 31
Delta R.T. -0.007 min
Lab File: VY006659.D
Acq: 05 Nov 2021 16:19

Instrument :
MSVOA_Y
ClientSampleId :

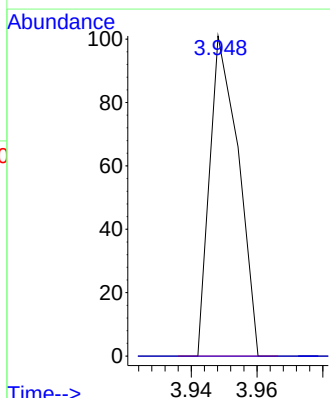
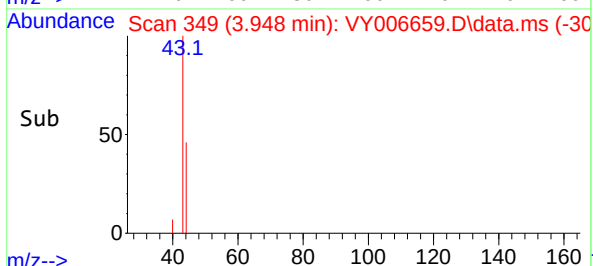
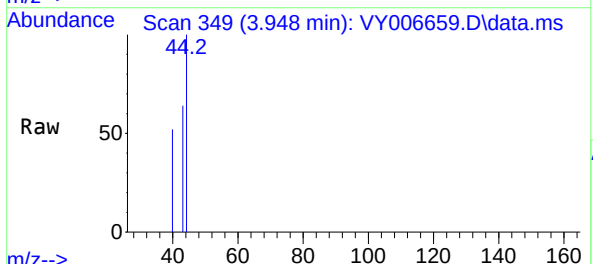


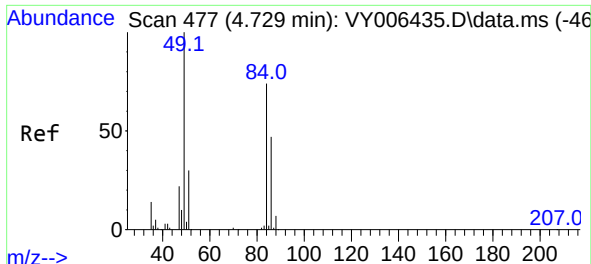
Tgt Ion:142 Resp: 346
Ion Ratio Lower Upper
142 100
127 17.9 40.1 60.1#
141 0.0 12.5 18.7#



#16
Acetone
Concen: 1.409 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006659.D
Acq: 05 Nov 2021 16:19

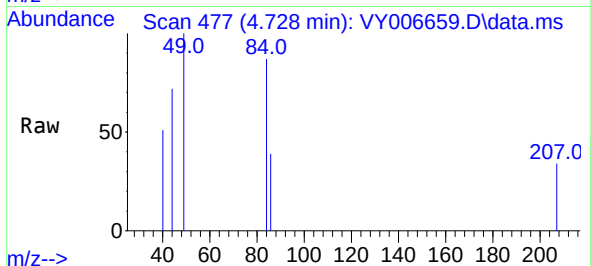
Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#





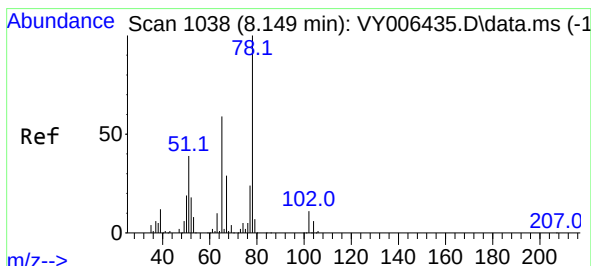
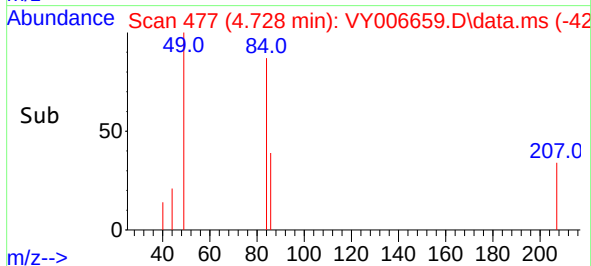
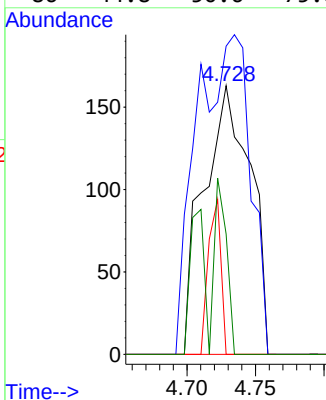
#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY006659.D
Acq: 05 Nov 2021 16:19

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 387

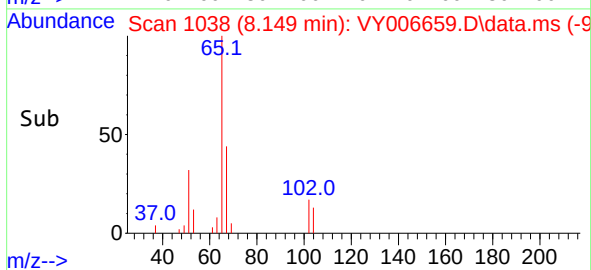
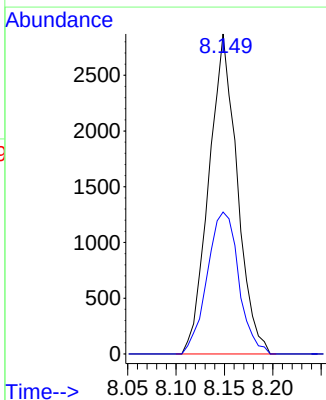
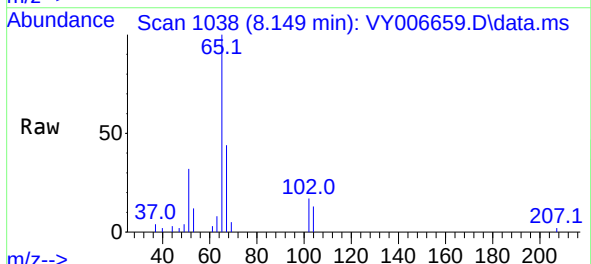
Ion	Ratio	Lower	Upper
84	100		
49	114.7	107.8	161.8
51	0.0	32.8	49.2#
86	44.8	50.6	75.8#

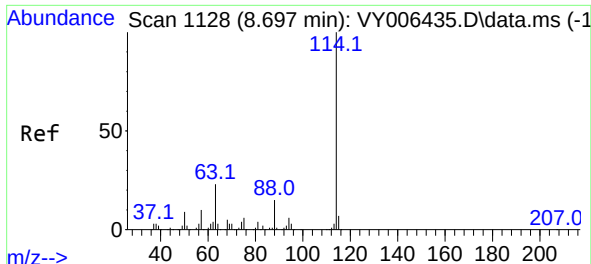


#33
1,2-Dichloroethane-d4
Concen: 38.975 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006659.D
Acq: 05 Nov 2021 16:19

Tgt Ion: 65 Resp: 5858

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006659.D

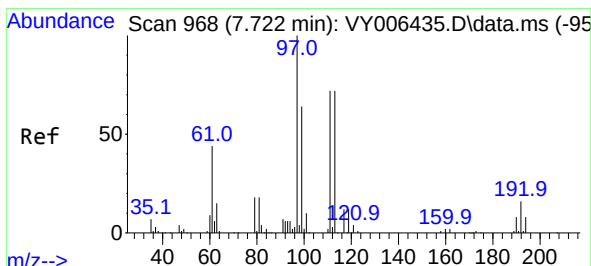
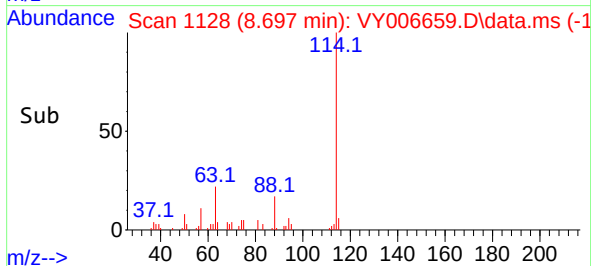
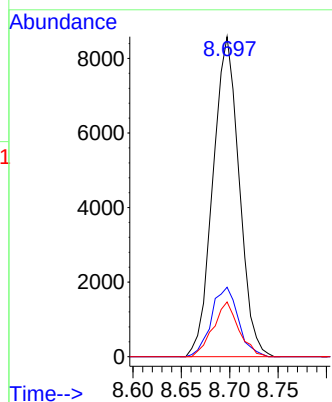
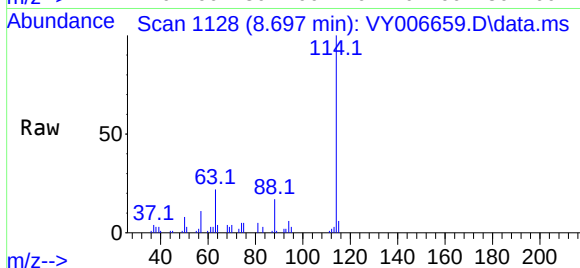
Acq: 05 Nov 2021 16:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	16185
Ion	Ratio	Lower Upper
114	100	
63	21.7	0.0 45.0
88	17.1	0.0 30.6



#35

Dibromofluoromethane

Concen: 23.223 ug/l

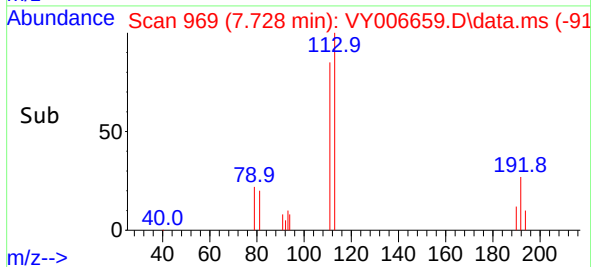
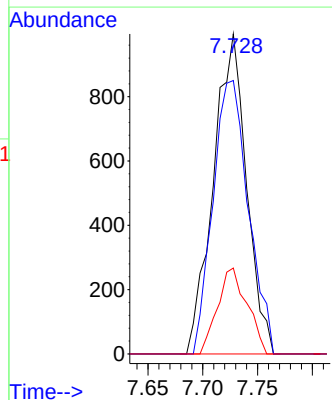
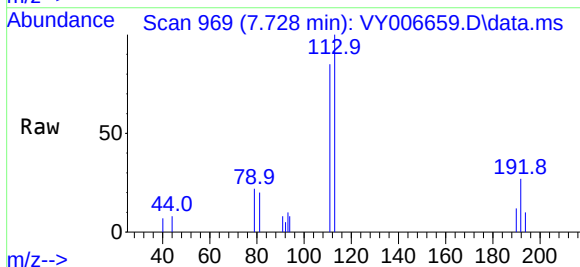
RT: 7.728 min Scan# 969

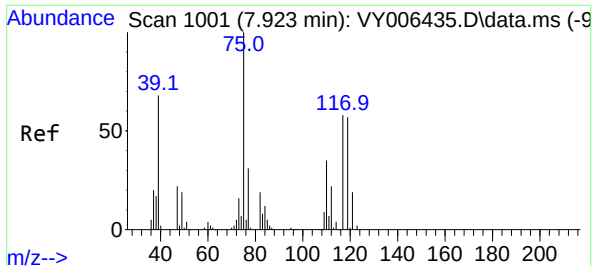
Delta R.T. 0.006 min

Lab File: VY006659.D

Acq: 05 Nov 2021 16:19

Tgt Ion:113	Resp:	2095
Ion	Ratio	Lower Upper
113	100	
111	91.2	82.3 123.5
192	23.9	17.4 26.2





#36

1,1-Dichloropropene

Concen: 4.996 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY006659.D

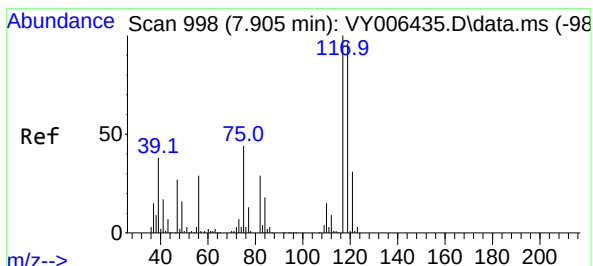
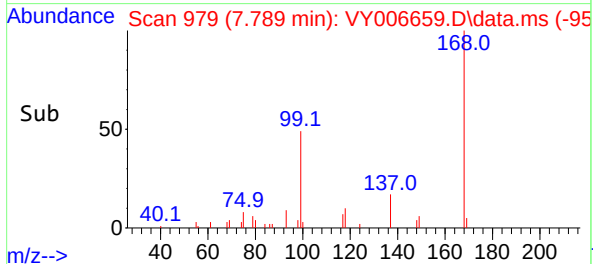
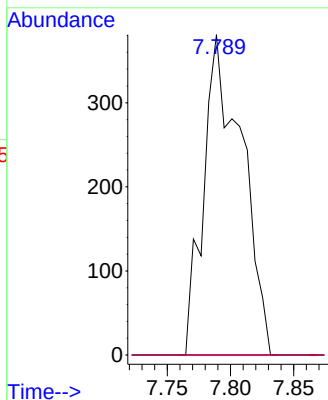
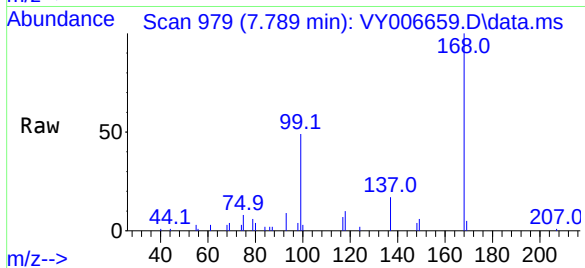
Acq: 05 Nov 2021 16:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	799
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 6.473 ug/l

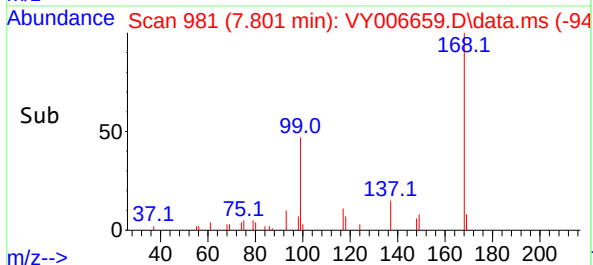
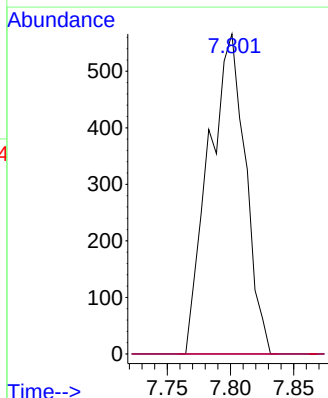
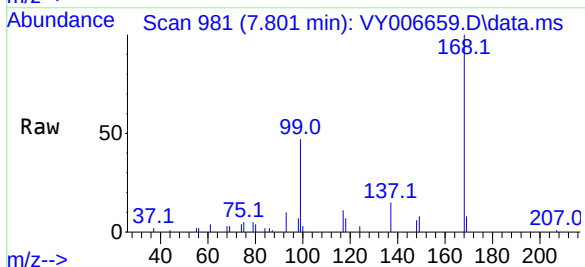
RT: 7.801 min Scan# 981

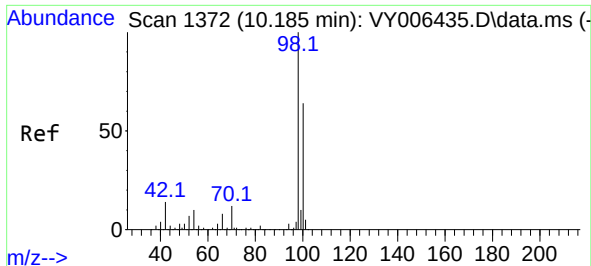
Delta R.T. -0.104 min

Lab File: VY006659.D

Acq: 05 Nov 2021 16:19

Tgt Ion:	117	Resp:	1142
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.6	115.0#
121	0.0	24.7	37.1#

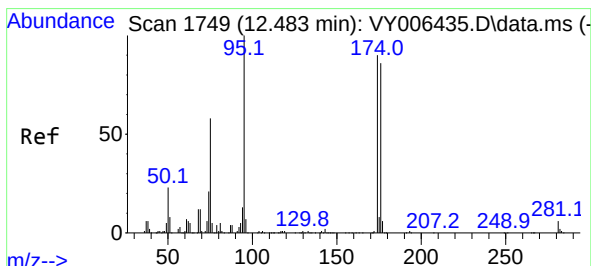
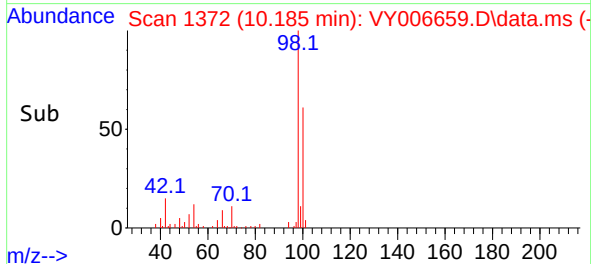
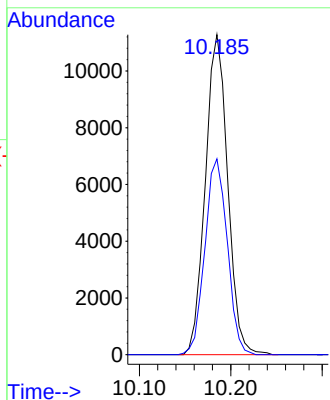
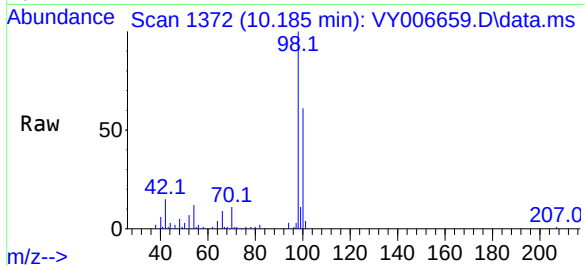




#50
Toluene-d8
Concen: 50.087 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006659.D
Acq: 05 Nov 2021 16:19

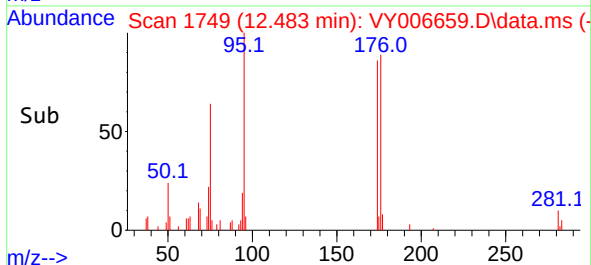
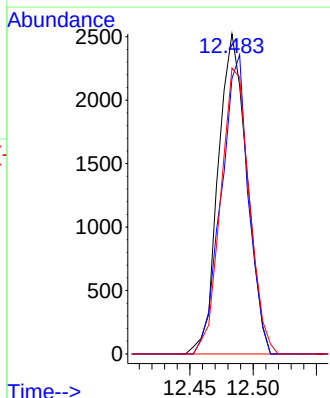
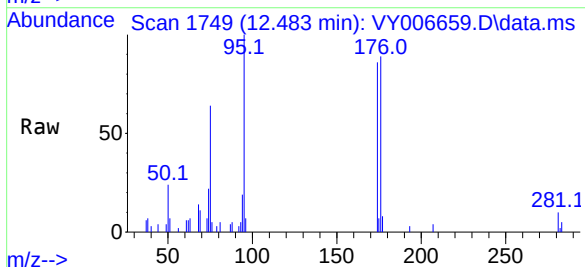
Instrument :
MSVOA_Y
ClientSampleId :

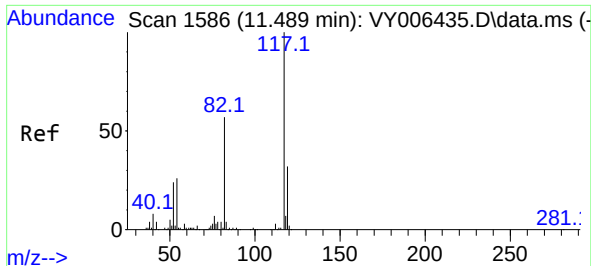
Tgt Ion: 98 Resp: 19154
Ion Ratio Lower Upper
98 100
100 61.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 30.880 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006659.D
Acq: 05 Nov 2021 16:19

Tgt Ion: 95 Resp: 3978
Ion Ratio Lower Upper
95 100
174 88.0 0.0 177.0
176 88.9 0.0 169.4

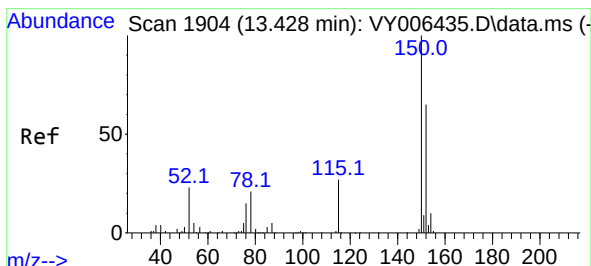
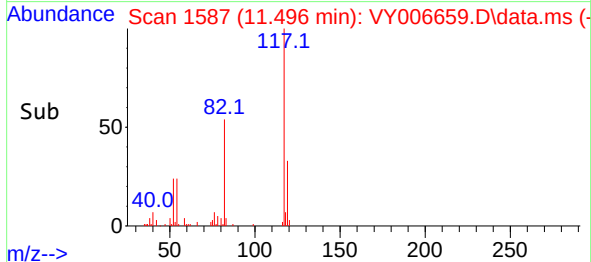
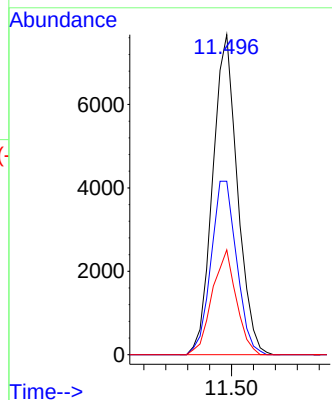
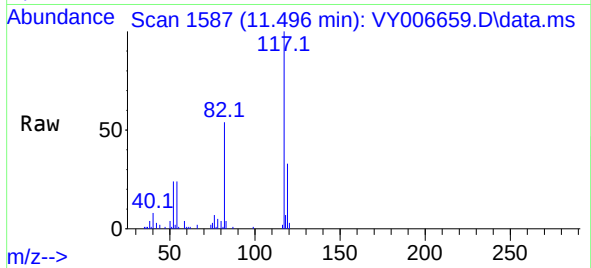




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006659.D
Acq: 05 Nov 2021 16:19

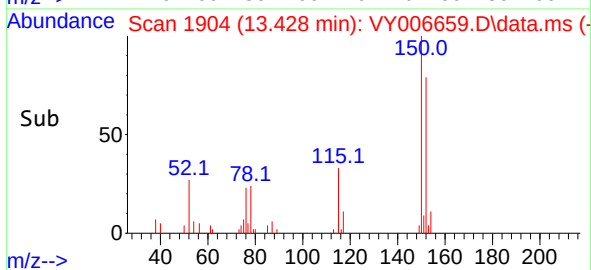
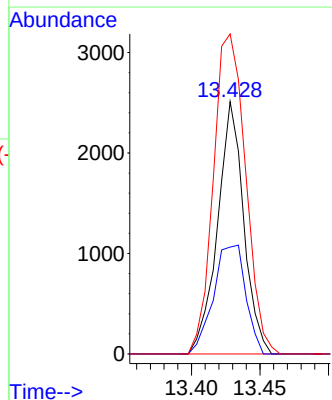
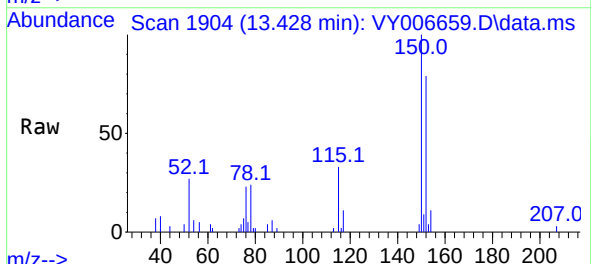
Instrument :
MSVOA_Y
ClientSampleId :

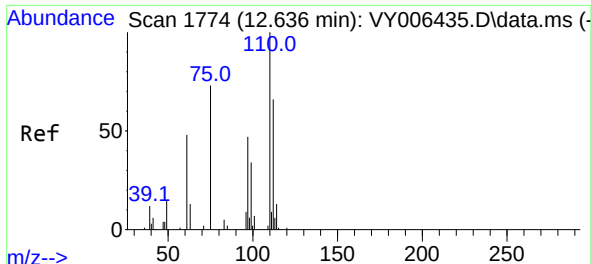
Tgt Ion:117	Resp:	12026
Ion	Ratio	Lower Upper
117	100	
82	54.2	45.7 68.5
119	32.7	25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006659.D
Acq: 05 Nov 2021 16:19

Tgt Ion:152	Resp:	3344
Ion	Ratio	Lower Upper
152	100	
115	53.0	28.5 85.5
150	155.3	0.0 348.2

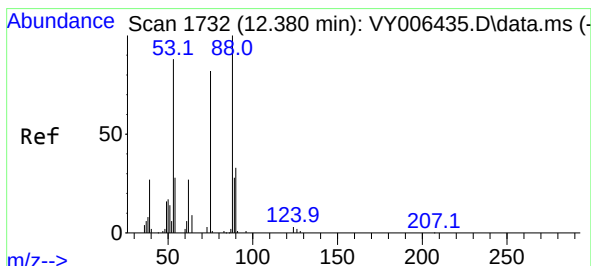
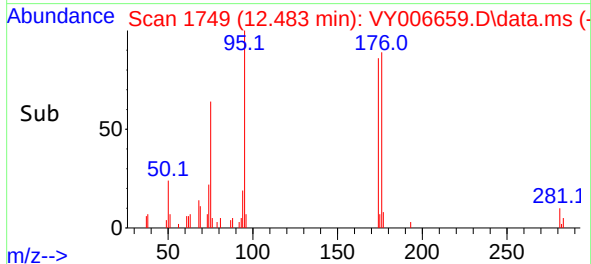
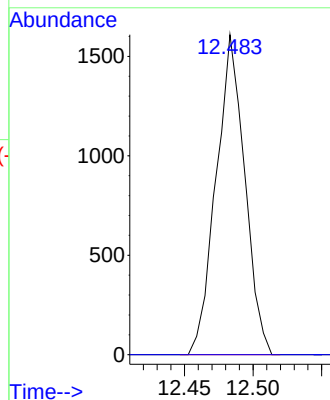
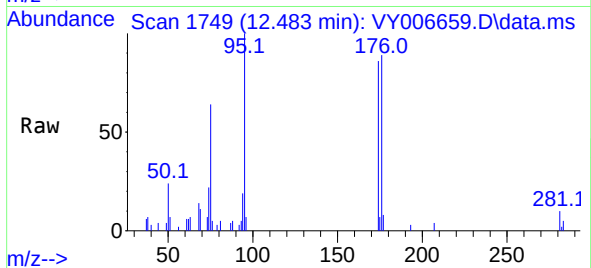




#76
1,2,3-Trichloropropane
Concen: 67.907 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006659.D
Acq: 05 Nov 2021 16:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 2340
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 139.410 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006659.D
Acq: 05 Nov 2021 16:19

Tgt Ion: 75 Resp: 2340
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

