

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006217.D
 Acq On : 29 Sep 2021 16:52
 Operator : SY/MD
 Sample : M3961-03
 Misc : 6.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 30 07:33:56 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)

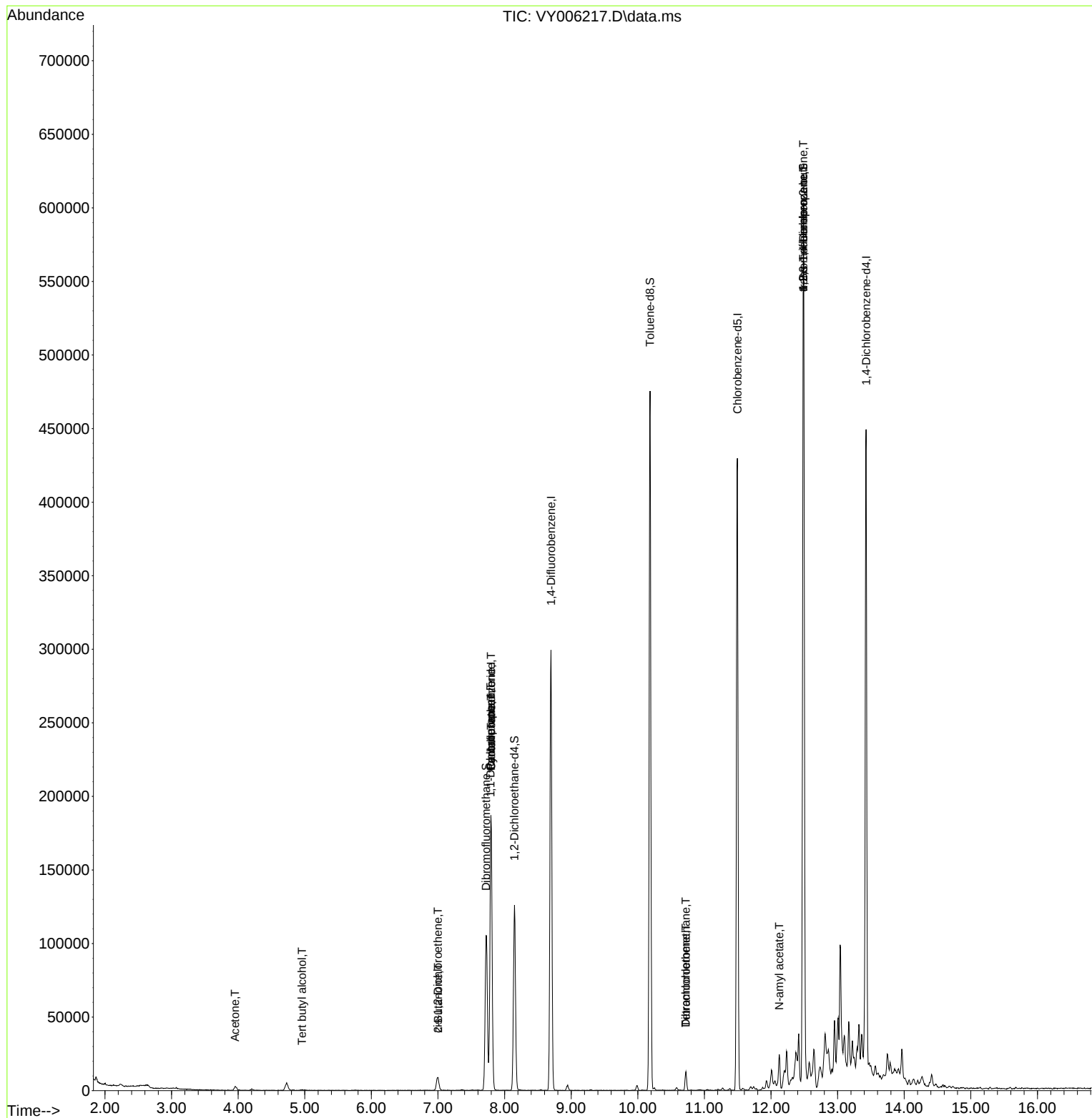
Internal Standards						
1) Pentafluorobenzene	7.795	168	146216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	244384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	226708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	99468	63.560	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.120%	
35) Dibromofluoromethane	7.722	113	73370	56.194	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.380%	
50) Toluene-d8	10.185	98	306678	56.123	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.240%	
62) 4-Bromofluorobenzene	12.483	95	105293	56.721	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	906	6.618	ug/l #	77
16) Acetone	3.954	43	4978	11.389	ug/l	94
20) Methylene Chloride	4.741	84	3545	Below Cal	#	75
25) 2-Butanone	7.003	43	610	1.002	ug/l #	70
27) cis-1,2-Dichloroethene	6.996	96	5464	3.213	ug/l	84
31) Cyclohexane	7.795	56	3193	1.077	ug/l #	4
36) 1,1-Dichloropropene	7.789	75	11373	4.677	ug/l #	52
38) Carbon Tetrachloride	7.795	117	13686	5.330	ug/l #	15
60) Dibromochloromethane	10.721	129	2118	1.370	ug/l #	11
64) Tetrachloroethene	10.721	164	2548	1.396	ug/l	87
74) N-amyl acetate	12.124	43	5810	2.374	ug/l #	72
76) 1,2,3-Trichloropropane	12.483	75	61264	57.256	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61264	112.517	ug/l #	8

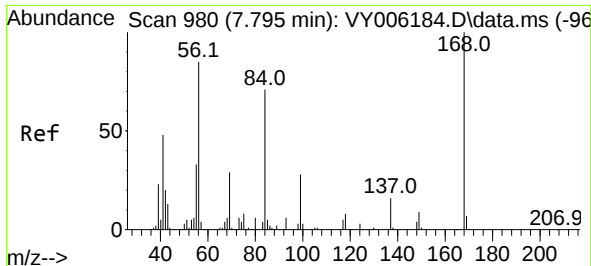
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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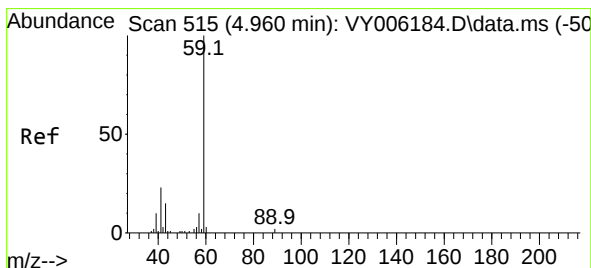
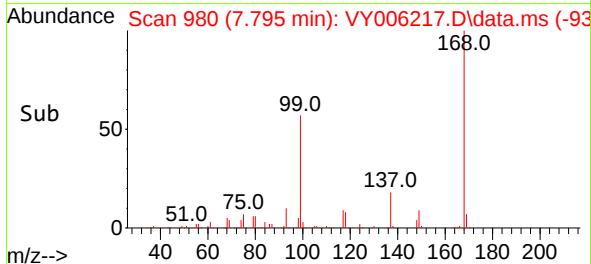
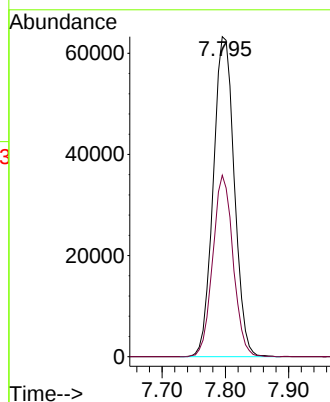
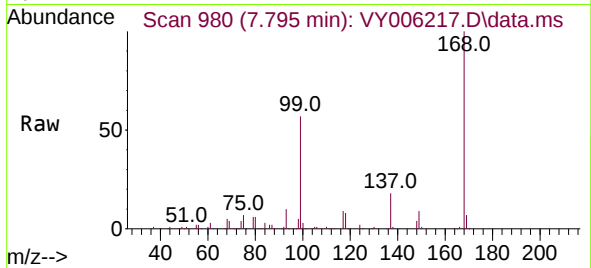




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006217.D
Acq: 29 Sep 2021 16:52

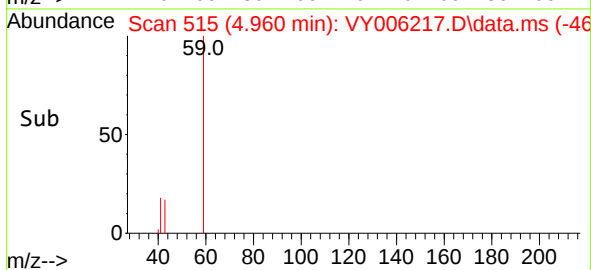
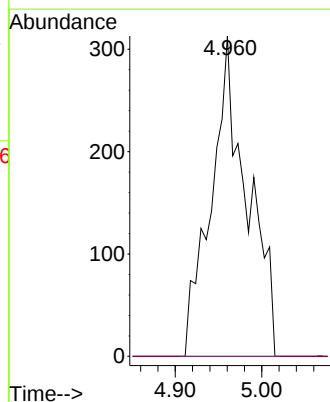
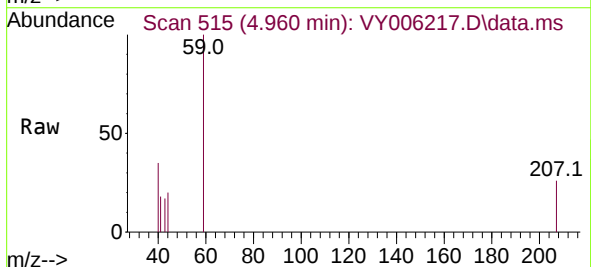
Instrument :
MSVOA_Y
ClientSampleId :

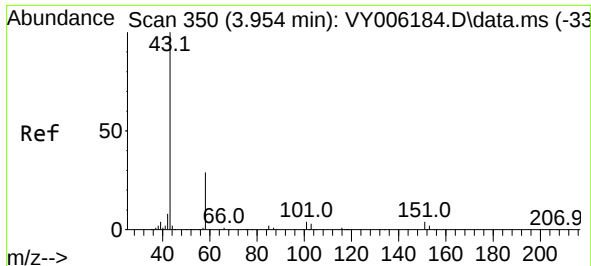
Tgt Ion:168 Resp: 146216
Ion Ratio Lower Upper
168 100
99 56.7 46.9 70.3



#11
Tert butyl alcohol
Concen: 6.618 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY006217.D
Acq: 29 Sep 2021 16:52

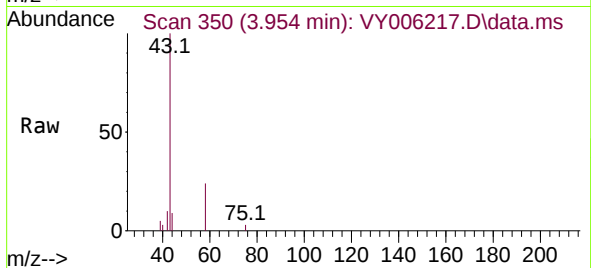
Tgt Ion: 59 Resp: 906
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



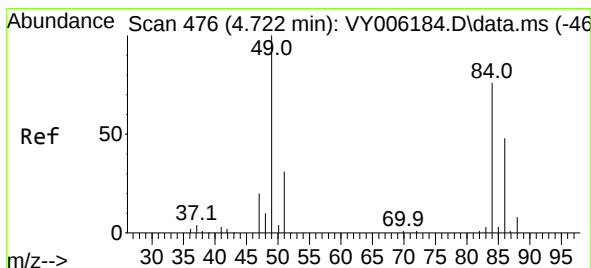
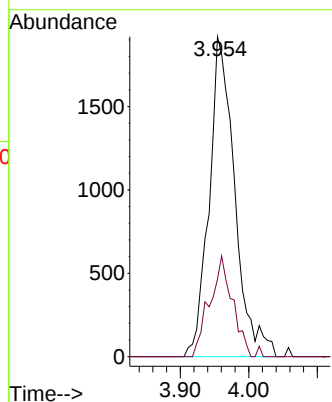
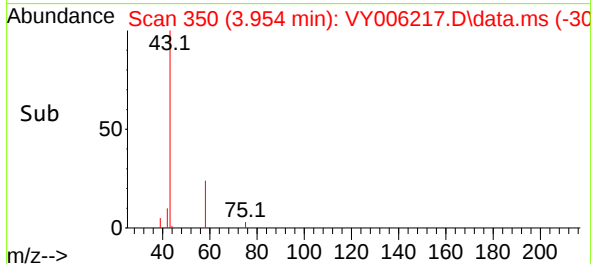


#16
Acetone
Concen: 11.389 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006217.D
Acq: 29 Sep 2021 16:52

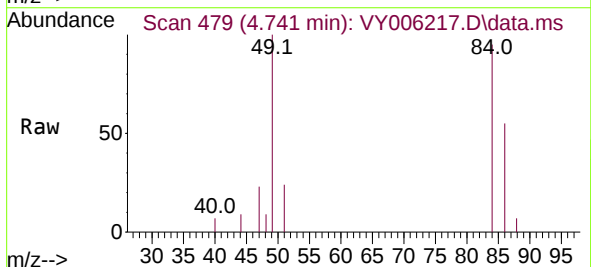
Instrument :
MSVOA_Y
ClientSampleId :



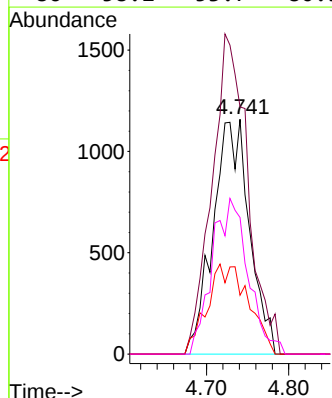
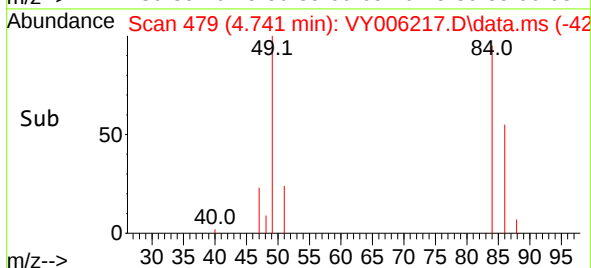
Tgt Ion: 43 Resp: 4978
Ion Ratio Lower Upper
43 100
58 24.2 22.0 33.0

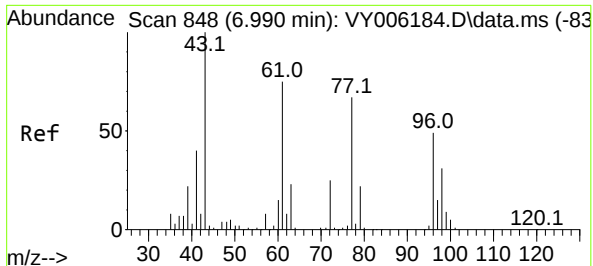


#20
Methylene Chloride
Concen: Below Cal
RT: 4.741 min Scan# 479
Delta R.T. 0.019 min
Lab File: VY006217.D
Acq: 29 Sep 2021 16:52



Tgt Ion: 84 Resp: 3545
Ion Ratio Lower Upper
84 100
49 105.3 114.4 171.6#
51 25.0 35.3 52.9#
86 58.2 53.7 80.5





#25

2-Butanone

Concen: 1.002 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY006217.D

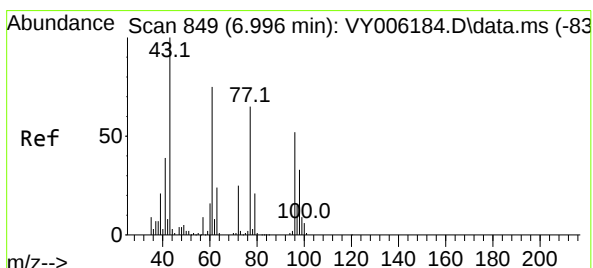
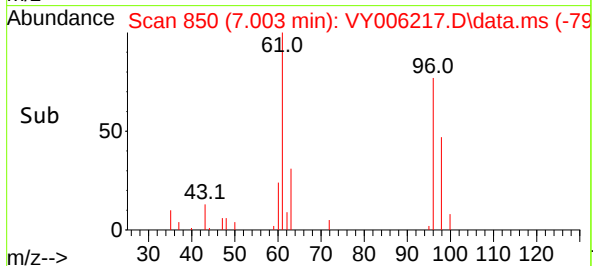
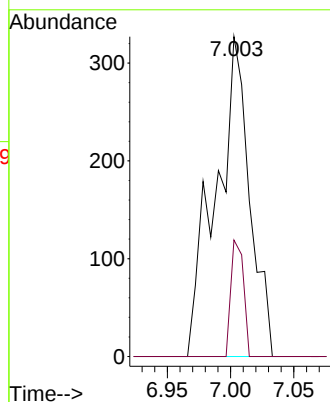
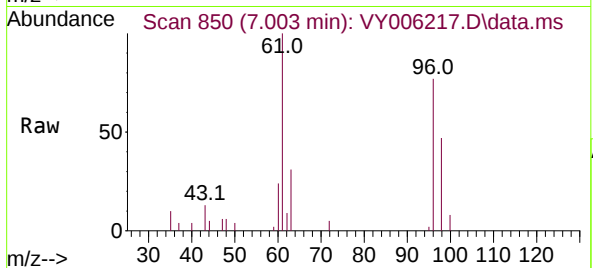
Acq: 29 Sep 2021 16:52

Tgt Ion: 43 Resp: 610

Ion Ratio Lower Upper

43 100

72 36.4 17.7 26.5#



#27

cis-1,2-Dichloroethene

Concen: 3.213 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY006217.D

Acq: 29 Sep 2021 16:52

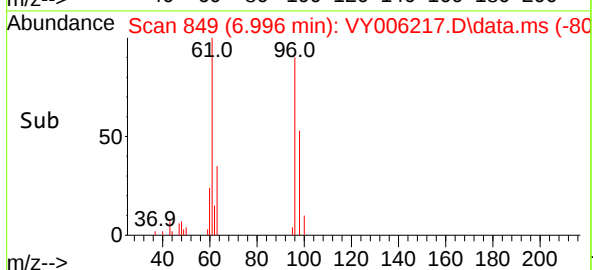
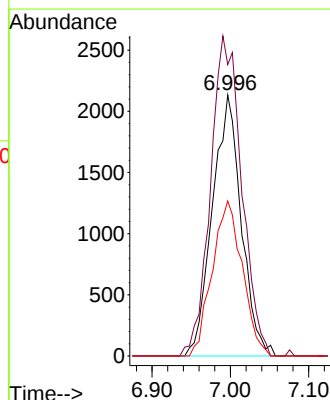
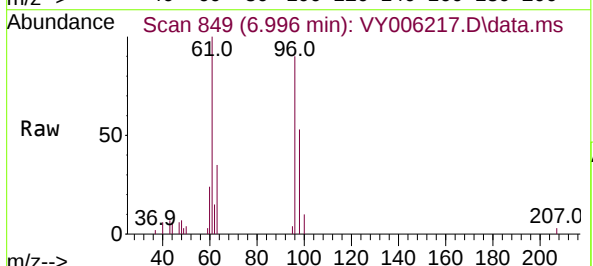
Tgt Ion: 96 Resp: 5464

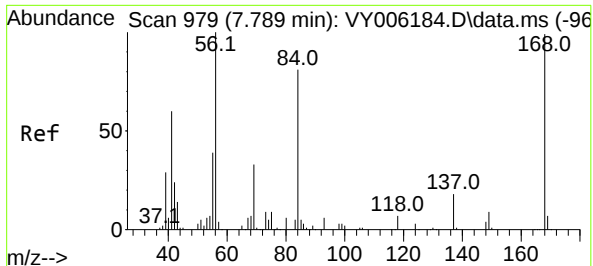
Ion Ratio Lower Upper

96 100

61 132.2 0.0 319.8

98 61.9 0.0 127.0

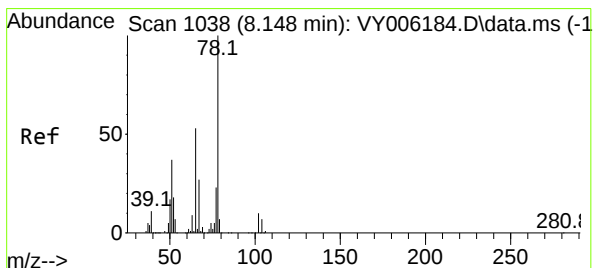
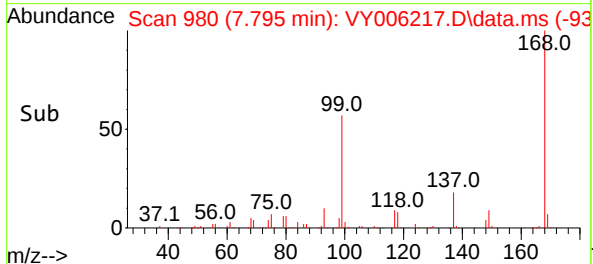
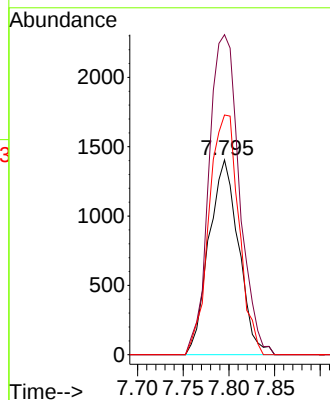
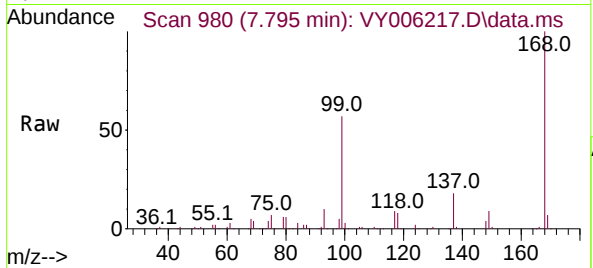




#31
Cyclohexane
Concen: 1.077 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006217.D
Acq: 29 Sep 2021 16:52

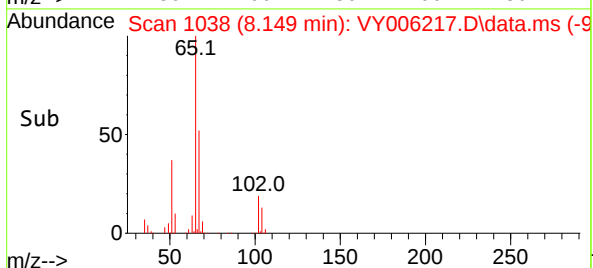
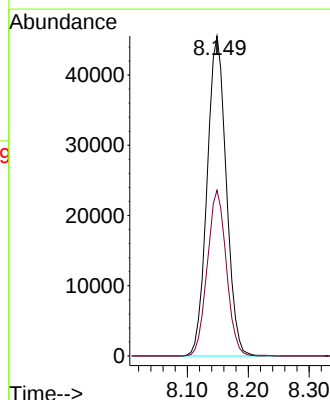
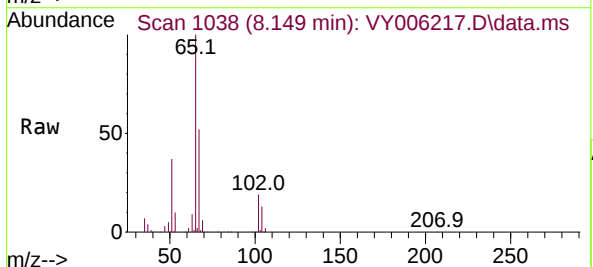
Instrument :
MSVOA_Y
ClientSampleId :

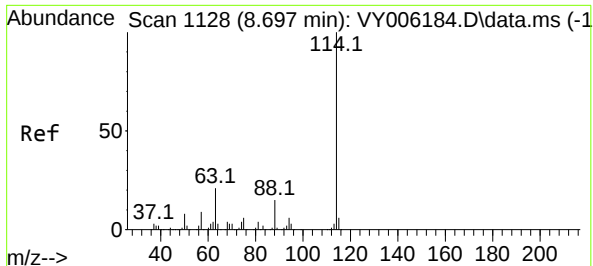
Tgt Ion: 56 Resp: 3193
Ion Ratio Lower Upper
56 100
69 164.4 26.7 40.1#
84 123.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 63.560 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006217.D
Acq: 29 Sep 2021 16:52

Tgt Ion: 65 Resp: 99468
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

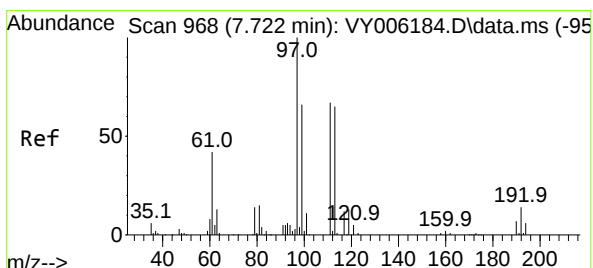
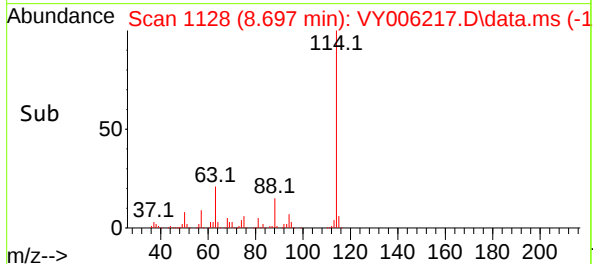
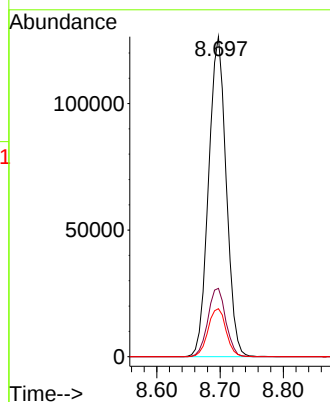
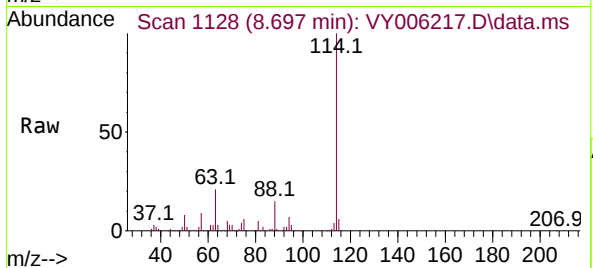
Delta R.T. 0.000 min

Lab File: VY006217.D

Acq: 29 Sep 2021 16:52

Tgt Ion:	114	Resp:	244384
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.2
88	15.0	0.0	31.8

Instrument :
MSVOA_Y
ClientSampleId :



#35

Dibromofluoromethane

Concen: 56.194 ug/l

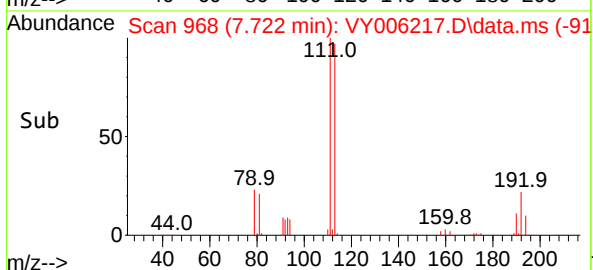
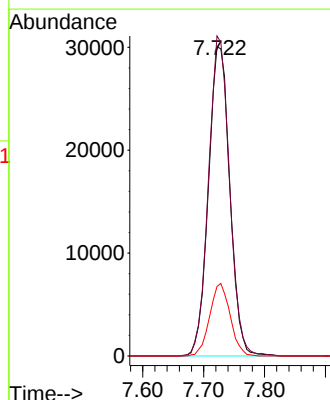
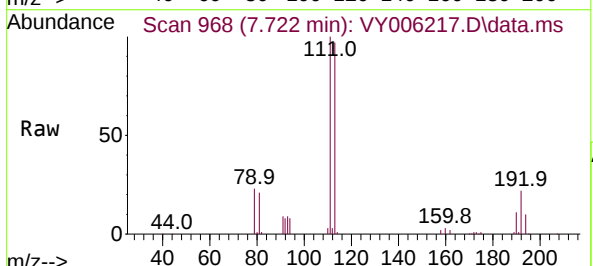
RT: 7.722 min Scan# 968

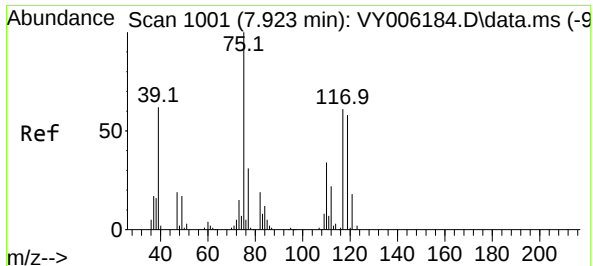
Delta R.T. 0.000 min

Lab File: VY006217.D

Acq: 29 Sep 2021 16:52

Tgt Ion:	113	Resp:	73370
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	124.0
192	22.5	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.677 ug/l

RT: 7.789 min Scan# 979

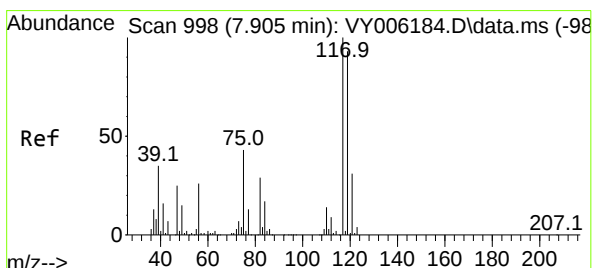
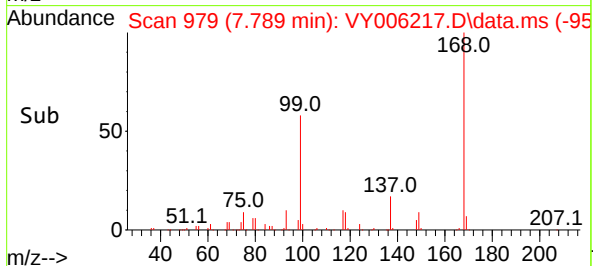
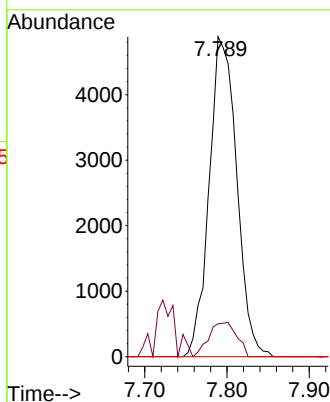
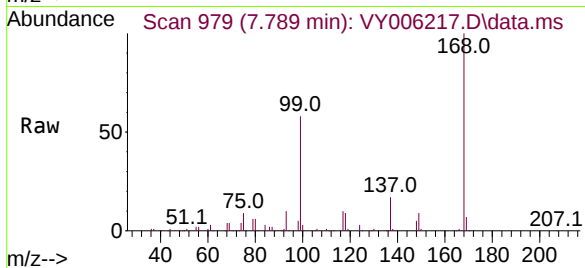
Delta R.T. -0.134 min

Lab File: VY006217.D

Acq: 29 Sep 2021 16:52

Tgt Ion:	75	Resp:	11373
Ion	Ratio	Lower	Upper
75	100		
110	10.9	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.330 ug/l

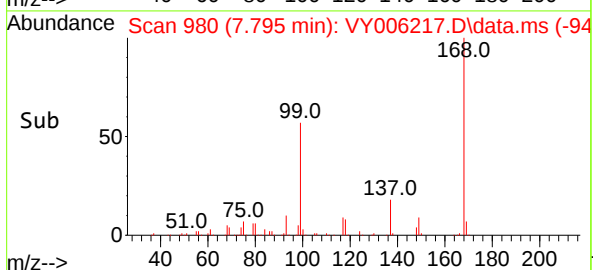
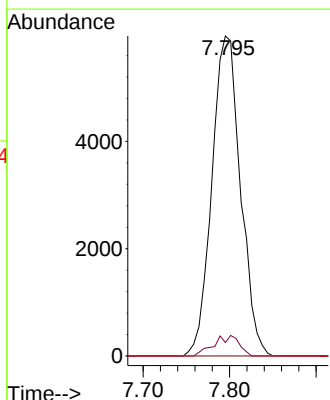
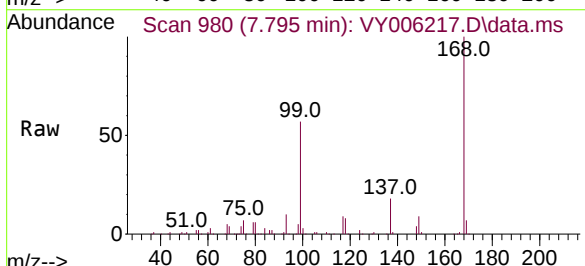
RT: 7.795 min Scan# 980

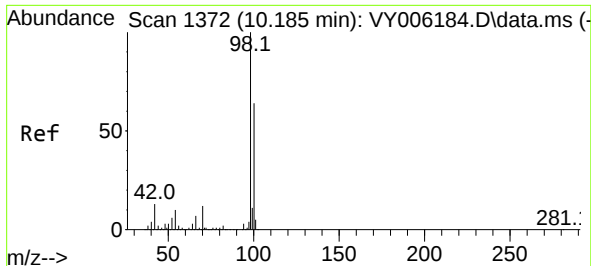
Delta R.T. -0.110 min

Lab File: VY006217.D

Acq: 29 Sep 2021 16:52

Tgt Ion:	117	Resp:	13686
Ion	Ratio	Lower	Upper
117	100		
119	4.2	77.9	116.9#
121	0.0	24.8	37.2#

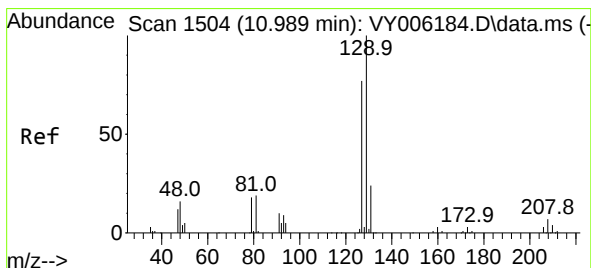
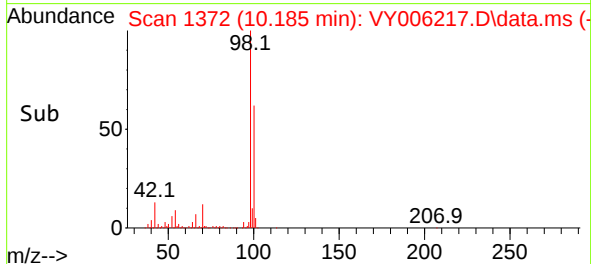
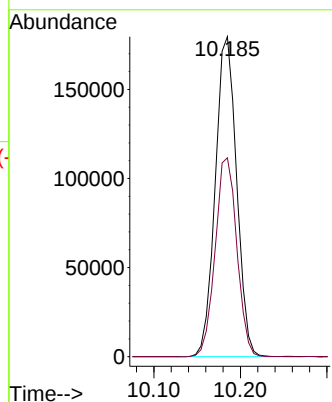
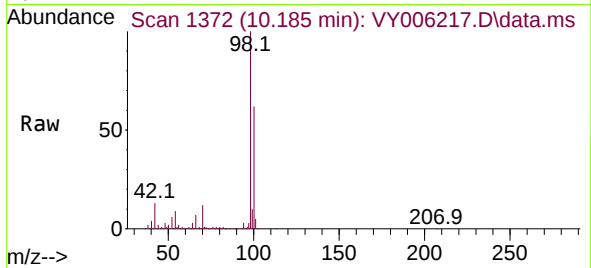




#50
Toluene-d8
Concen: 56.123 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006217.D
Acq: 29 Sep 2021 16:52

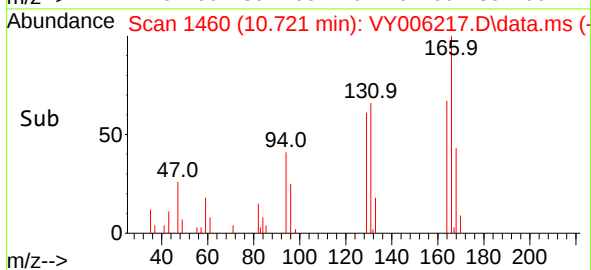
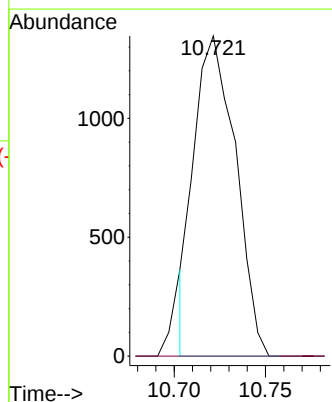
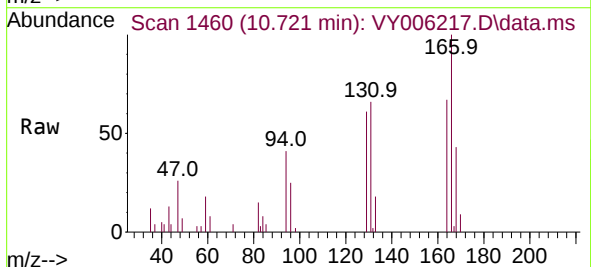
Instrument :
MSVOA_Y
ClientSampleId :

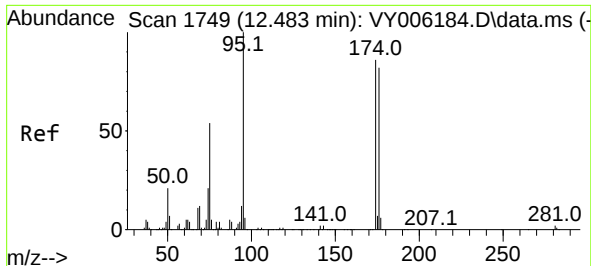
Tgt Ion: 98 Resp: 306678
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#60
Dibromochloromethane
Concen: 1.370 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.268 min
Lab File: VY006217.D
Acq: 29 Sep 2021 16:52

Tgt Ion: 129 Resp: 2118
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

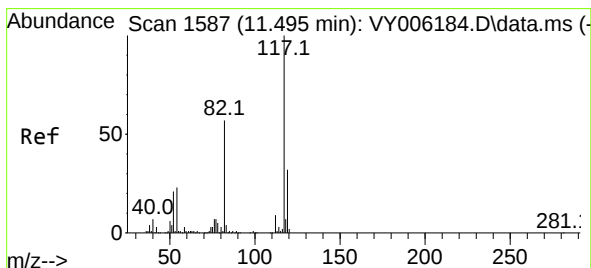
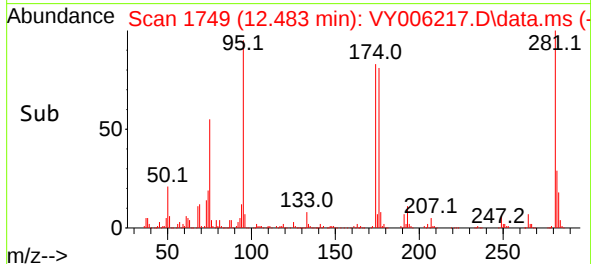
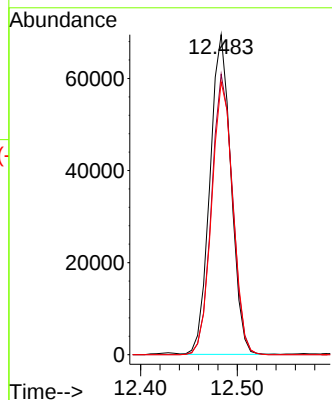
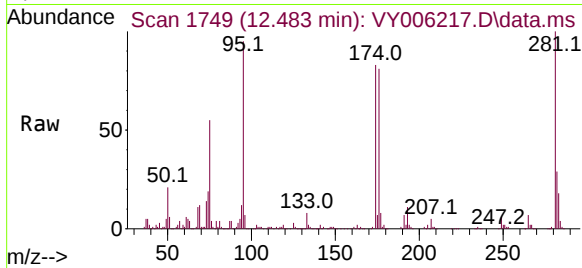




#62
4-Bromofluorobenzene
Concen: 56.721 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006217.D
Acq: 29 Sep 2021 16:52

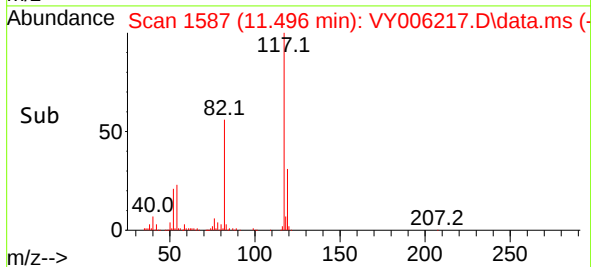
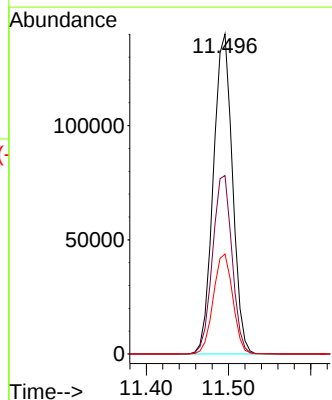
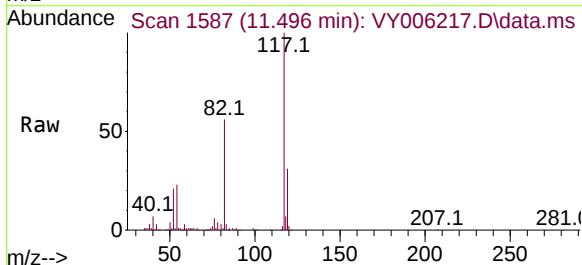
Instrument :
MSVOA_Y
ClientSampleId :

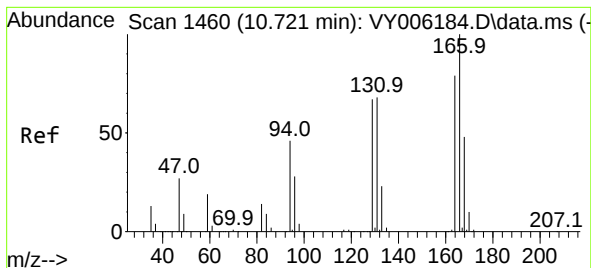
Tgt Ion: 95 Resp: 105293
Ion Ratio Lower Upper
95 100
174 87.7 0.0 177.0
176 85.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006217.D
Acq: 29 Sep 2021 16:52

Tgt Ion: 117 Resp: 226708
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 31.2 25.4 38.0



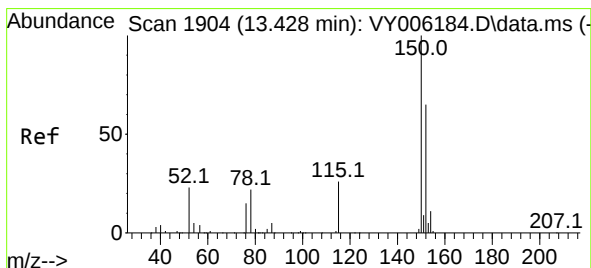
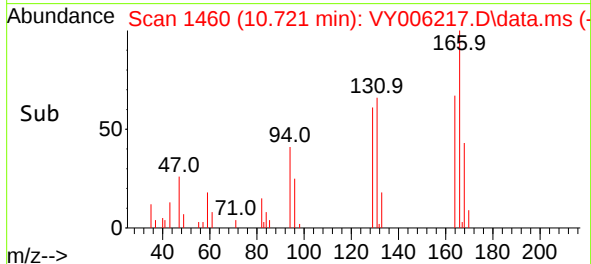
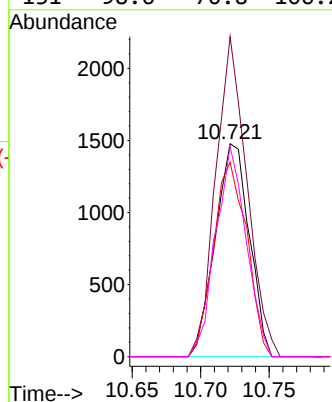
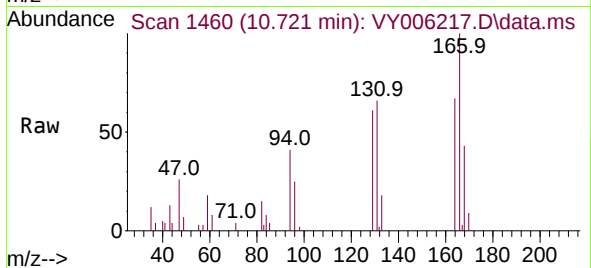


#64
Tetrachloroethene
Concen: 1.396 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006217.D
Acq: 29 Sep 2021 16:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:164 Resp: 2548

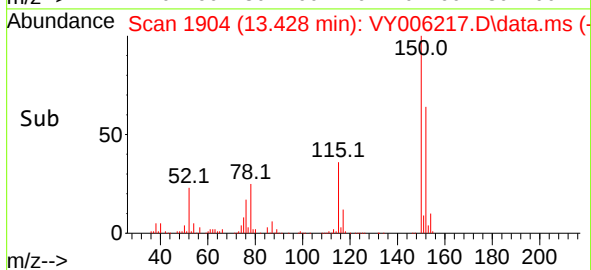
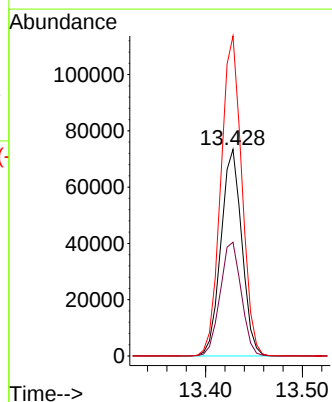
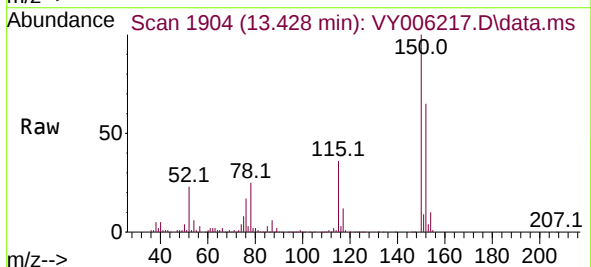
Ion	Ratio	Lower	Upper
164	100		
166	150.3	100.4	150.6
129	91.2	71.4	107.0
131	98.6	70.8	106.2

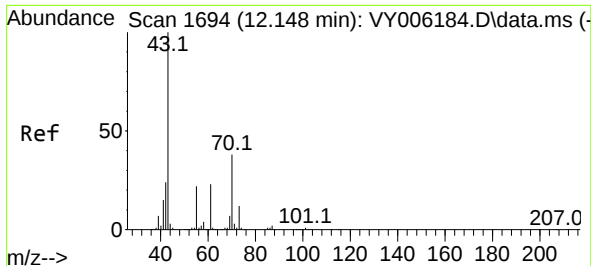


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006217.D
Acq: 29 Sep 2021 16:52

Tgt Ion:152 Resp: 110088

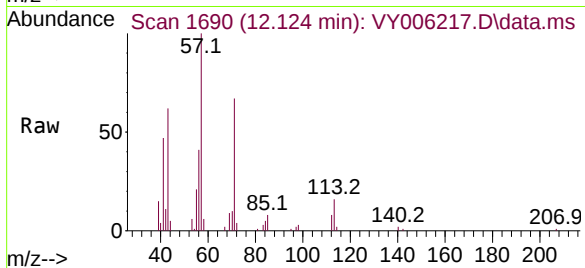
Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.2	84.7
150	155.3	0.0	347.6



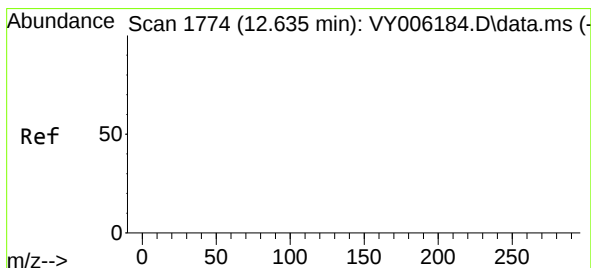
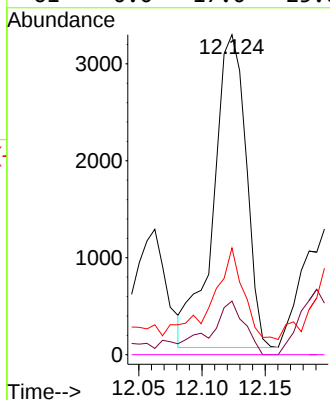
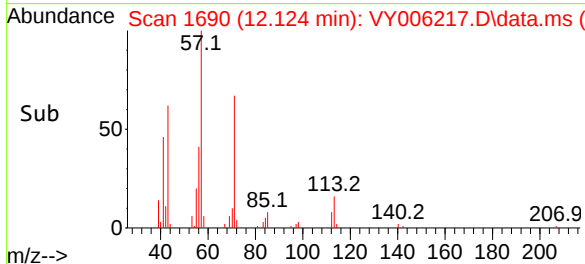


#74
N-amy1 acetate
Concen: 2.374 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.024 min
Lab File: VY006217.D
Acq: 29 Sep 2021 16:52

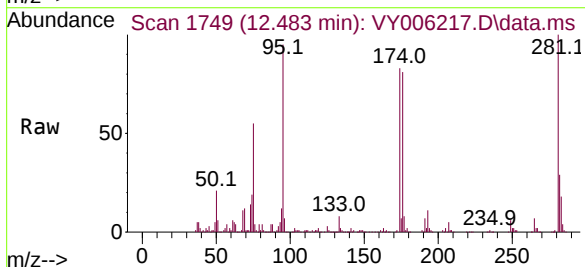
Instrument :
MSVOA_Y
ClientSampleId :



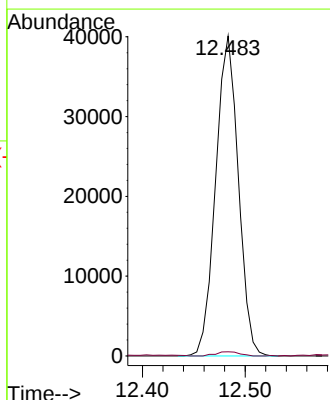
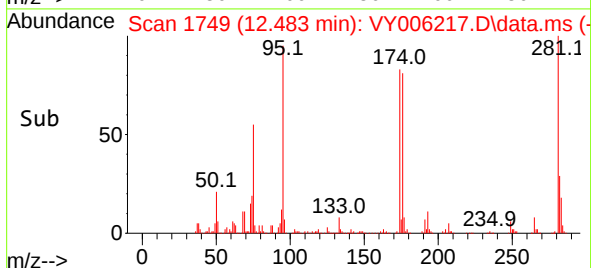
Tgt Ion: 43 Resp: 5810
Ion Ratio Lower Upper
43 100
70 20.5 28.7 43.1#
55 28.3 17.3 25.9#
61 0.0 17.0 25.6#

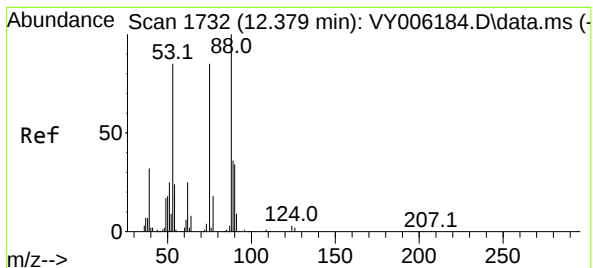


#76
1,2,3-Trichloropropane
Concen: 57.256 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006217.D
Acq: 29 Sep 2021 16:52



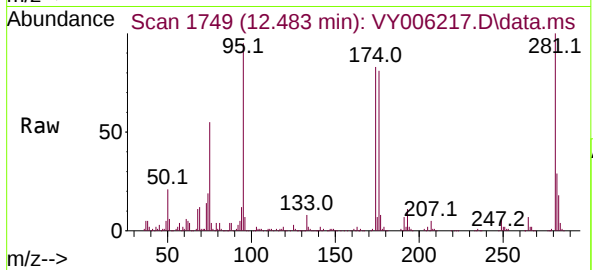
Tgt Ion: 75 Resp: 61264
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.517 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006217.D
 Acq: 29 Sep 2021 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 61264
 Ion Ratio Lower Upper
 75 100
 53 0.7 85.3 127.9#
 89 1.1 37.0 55.4#

