

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
 Data File : VY006196.D
 Acq On : 28 Sep 2021 18:18
 Operator : SY/MD
 Sample : M3971-01
 Misc : 3.63G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-COMP-1

Quant Time: Sep 29 03:21:58 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)

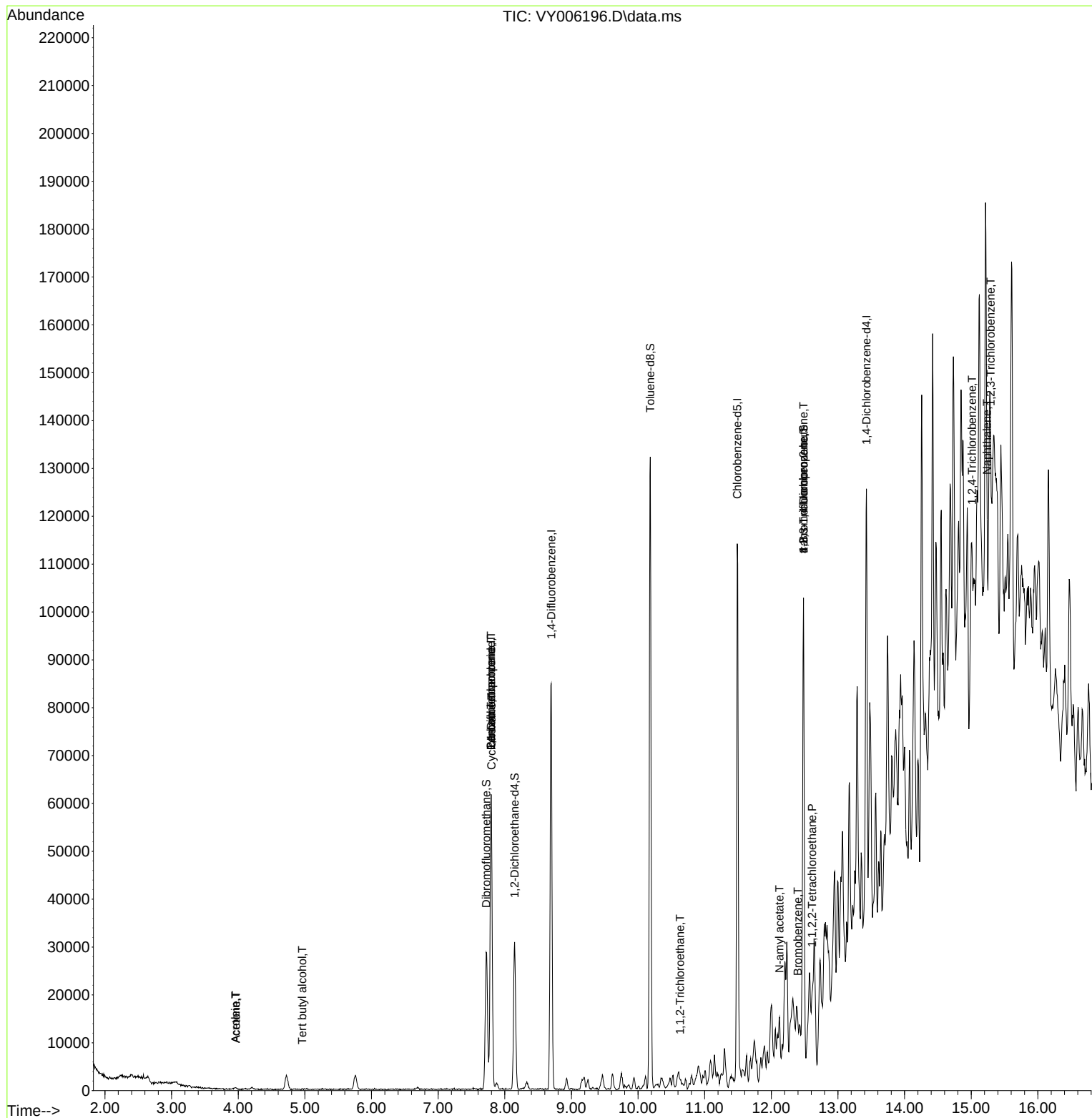
Internal Standards						
1) Pentafluorobenzene	7.795	168	46580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	69417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	57234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	25141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	25073	50.293	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.580%			
35) Dibromofluoromethane	7.722	113	19786	53.351	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.700%			
50) Toluene-d8	10.185	98	85163	54.868	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.740%			
62) 4-Bromofluorobenzene	12.483	95	24530	46.521	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.040%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	75	1.720	ug/l #	77
13) Acrolein	3.960	56	22	19.140	ug/l #	14
16) Acetone	3.966	43	611	4.388	ug/l #	87
31) Cyclohexane	7.801	56	1119	1.185	ug/l #	40
36) 1,1-Dichloropropene	7.795	75	3650	5.285	ug/l #	49
38) Carbon Tetrachloride	7.795	117	4635	6.355	ug/l #	15
55) 1,1,2-Trichloroethane	10.630	97	461	1.275	ug/l #	33
74) N-amyl acetate	12.124	43	3562	6.373	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.611	83	483	1.485	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	13911	56.929	ug/l #	100
77) Bromobenzene	12.398	156	1725	4.085	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	13911	111.873	ug/l #	9
93) 1,2,4-Trichlorobenzene	15.013	180	628	1.299	ug/l #	40
95) Naphthalene	15.239	128	2922	3.042	ug/l #	59
96) 1,2,3-Trichlorobenzene	15.294	180	799	1.865	ug/l	59

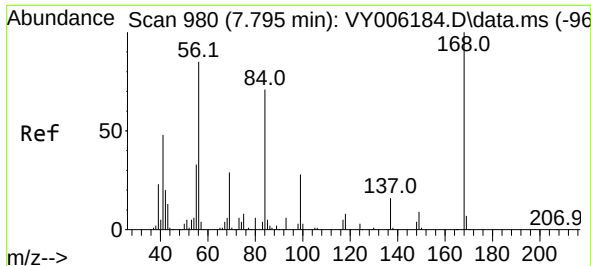
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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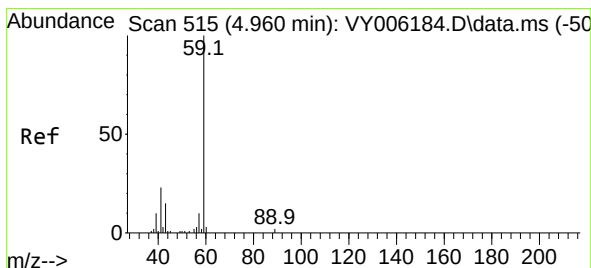
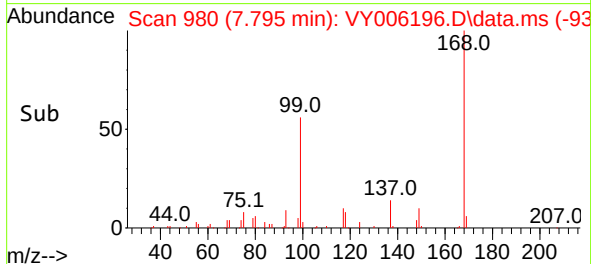
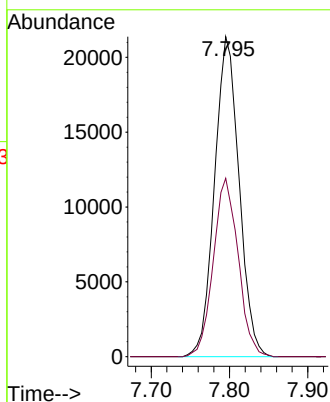
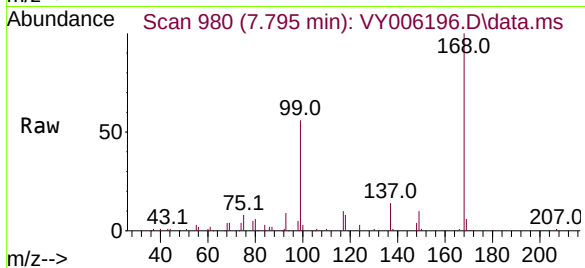




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006196.D
Acq: 28 Sep 2021 18:18

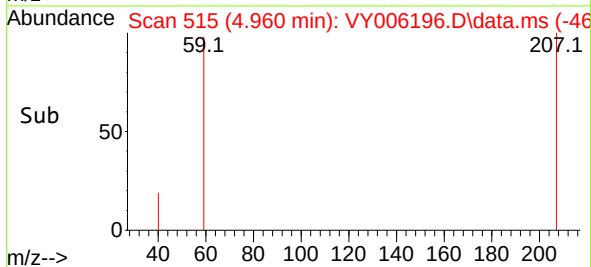
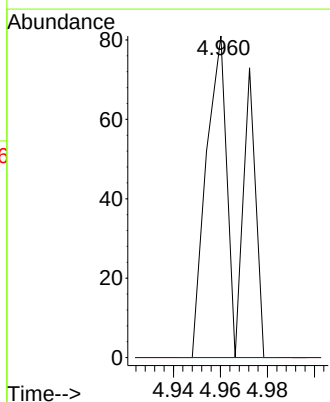
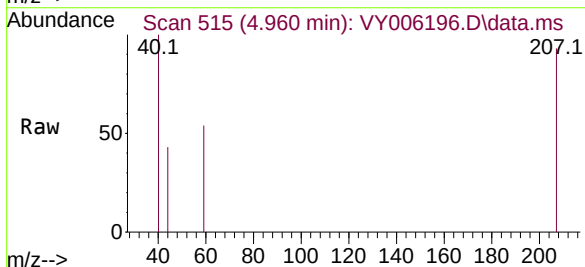
Instrument :
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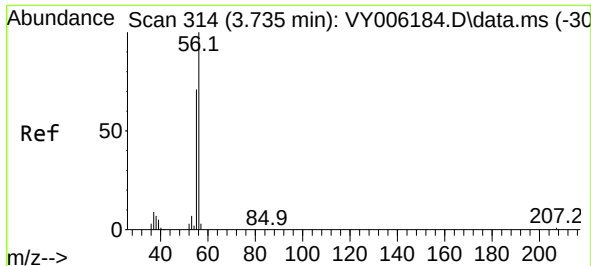
Tgt Ion:168 Resp: 46580
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.720 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY006196.D
Acq: 28 Sep 2021 18:18

Tgt Ion: 59 Resp: 75
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

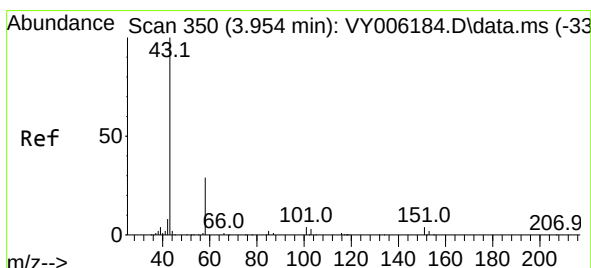
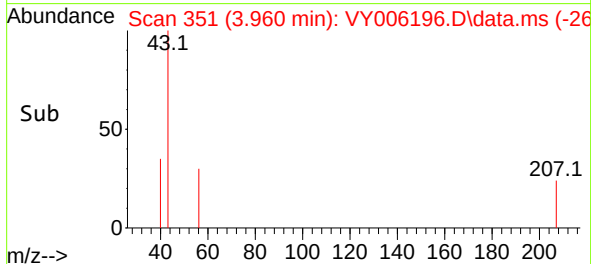
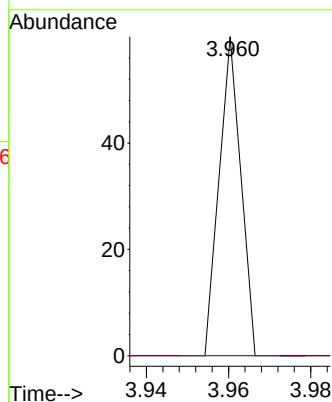
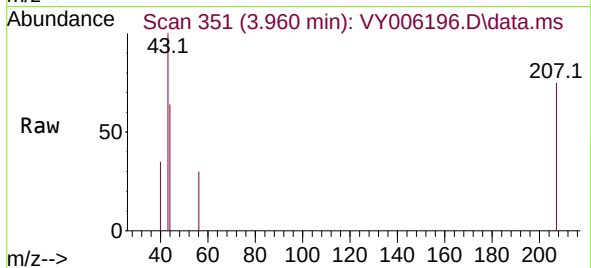




#13
Acrolein
Concen: 19.140 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.225 min
Lab File: VY006196.D
Acq: 28 Sep 2021 18:18

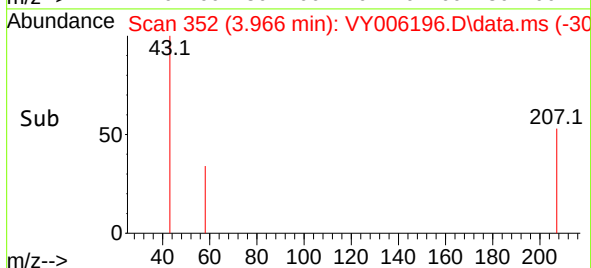
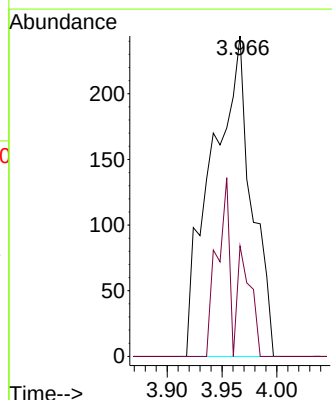
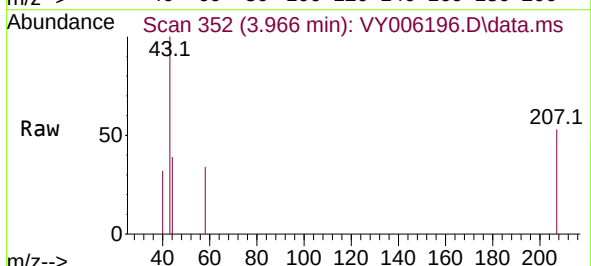
Instrument :
MSVOA_Y
ClientSampleId :
RO-COMP-1

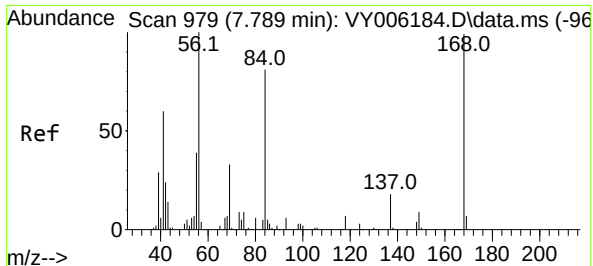
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 4.388 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY006196.D
Acq: 28 Sep 2021 18:18

Tgt Ion: 43 Resp: 611
Ion Ratio Lower Upper
43 100
58 34.4 22.0 33.0#

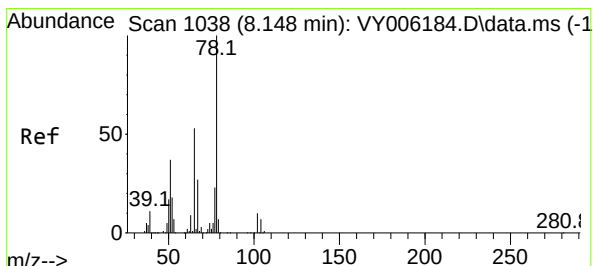
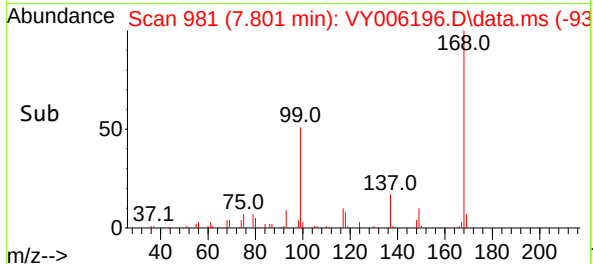
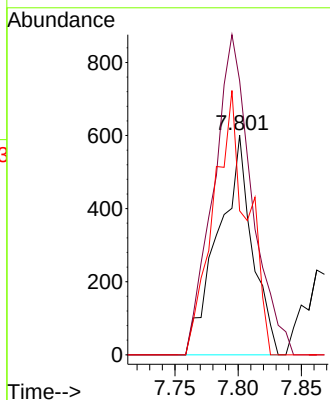
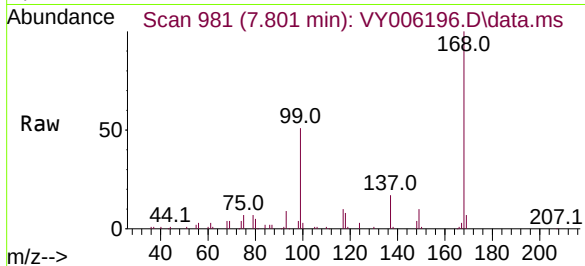




#31
Cyclohexane
Concen: 1.185 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006196.D
Acq: 28 Sep 2021 18:18

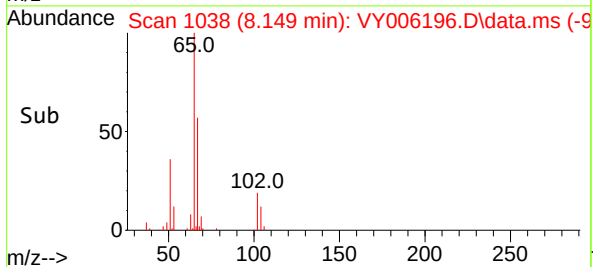
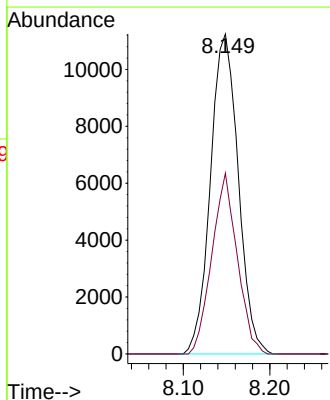
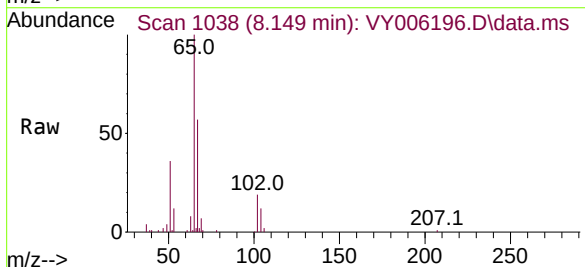
Instrument :
MSVOA_Y
ClientSampleId :
RO-COMP-1

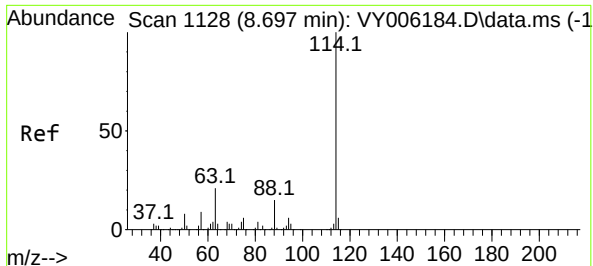
Tgt Ion: 56 Resp: 1119
Ion Ratio Lower Upper
56 100
69 124.8 26.7 40.1#
84 65.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 50.293 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006196.D
Acq: 28 Sep 2021 18:18

Tgt Ion: 65 Resp: 25073
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.4

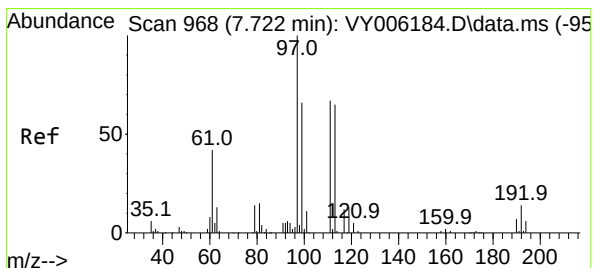
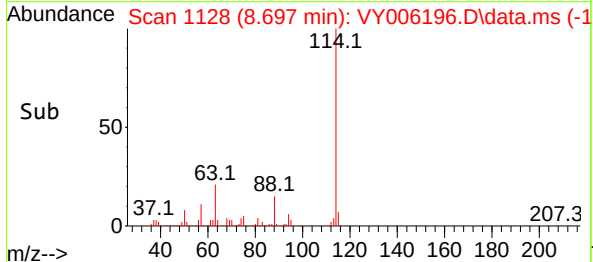
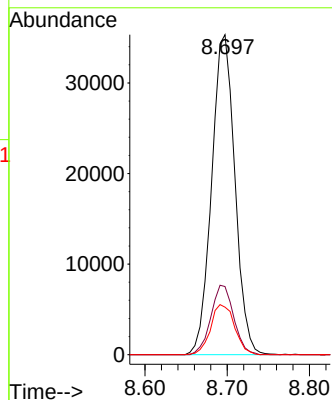
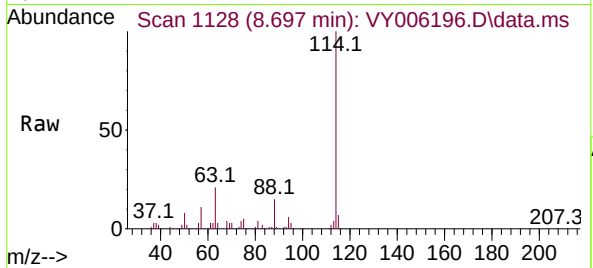




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006196.D
Acq: 28 Sep 2021 18:18

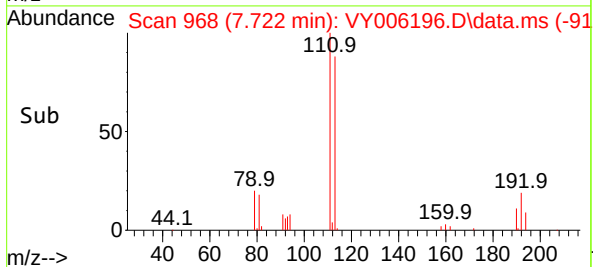
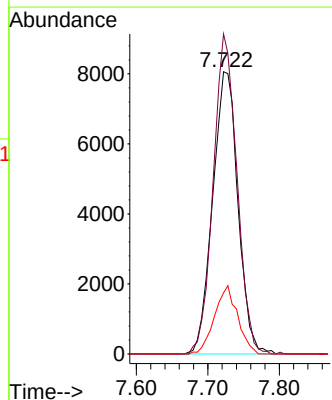
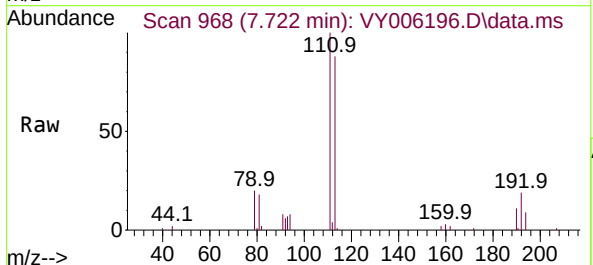
Instrument :
MSVOA_Y
ClientSampleId :
RO-COMP-1

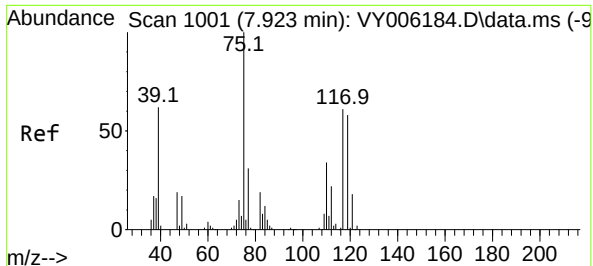
Tgt Ion:	114	Resp:	69417
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.2
88	14.9	0.0	31.8



#35
Dibromofluoromethane
Concen: 53.351 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006196.D
Acq: 28 Sep 2021 18:18

Tgt Ion:	113	Resp:	19786
Ion	Ratio	Lower	Upper
113	100		
111	106.1	82.6	124.0
192	22.1	17.6	26.4





#36

1,1-Dichloropropene

Concen: 5.285 ug/l

RT: 7.795 min Scan# 980

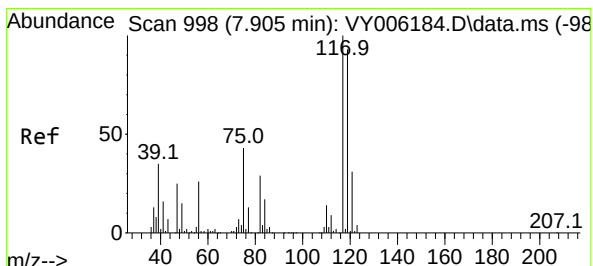
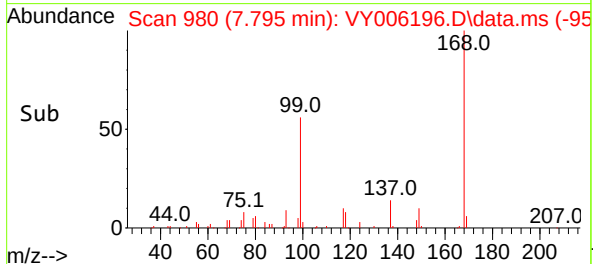
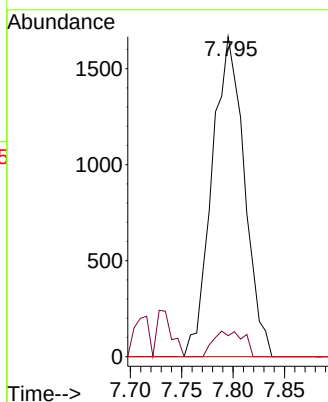
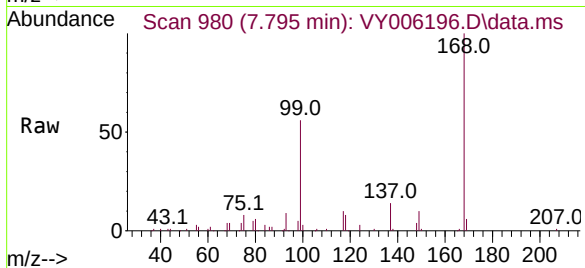
Delta R.T. -0.128 min

Lab File: VY006196.D

Acq: 28 Sep 2021 18:18

Tgt Ion:	75	Resp:	3650
Ion	Ratio	Lower	Upper
75	100		
110	7.4	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampleId :
RO-COMP-1



#38

Carbon Tetrachloride

Concen: 6.355 ug/l

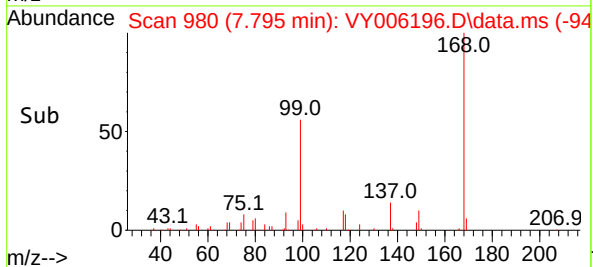
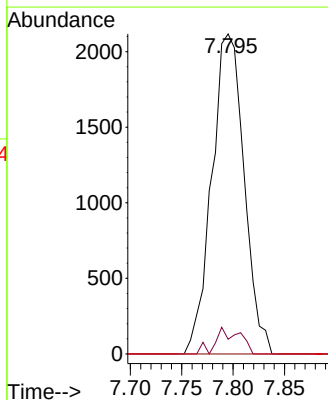
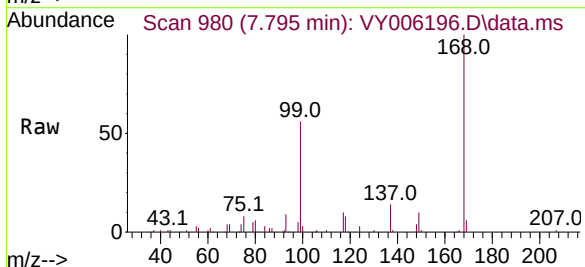
RT: 7.795 min Scan# 980

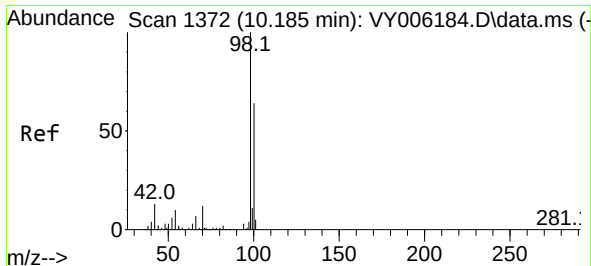
Delta R.T. -0.110 min

Lab File: VY006196.D

Acq: 28 Sep 2021 18:18

Tgt Ion:	117	Resp:	4635
Ion	Ratio	Lower	Upper
117	100		
119	4.6	77.9	116.9#
121	0.0	24.8	37.2#

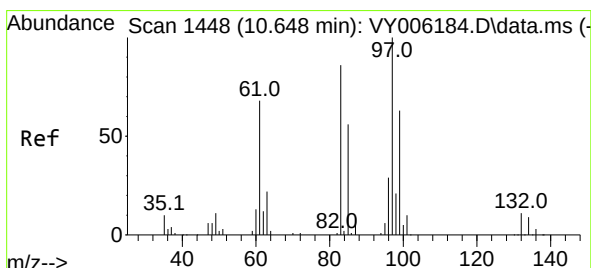
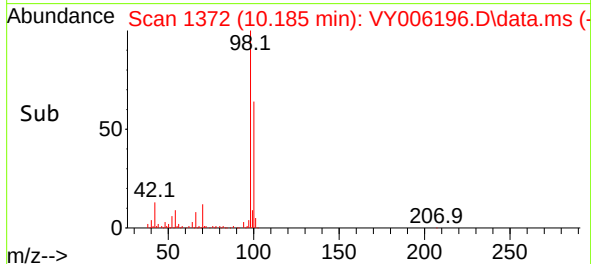
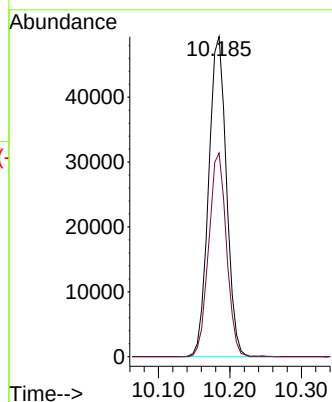
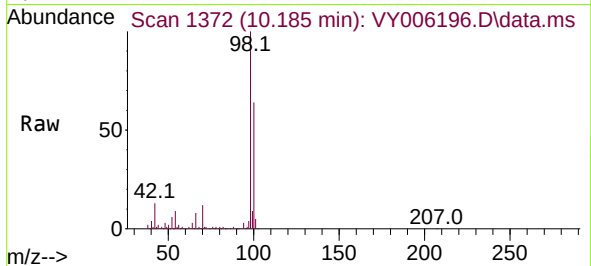




#50
Toluene-d8
Concen: 54.868 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006196.D
Acq: 28 Sep 2021 18:18

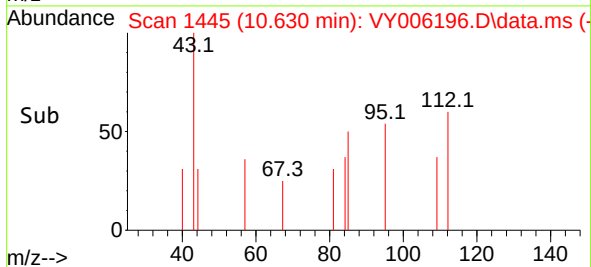
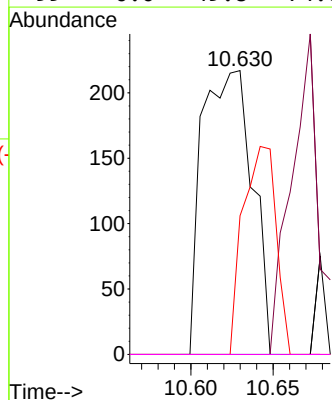
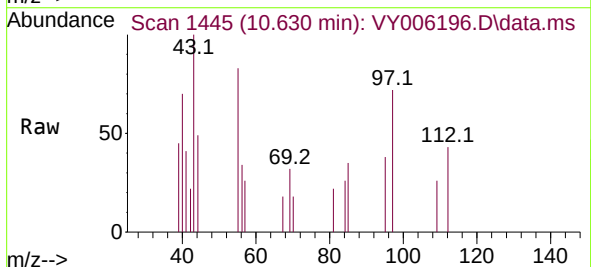
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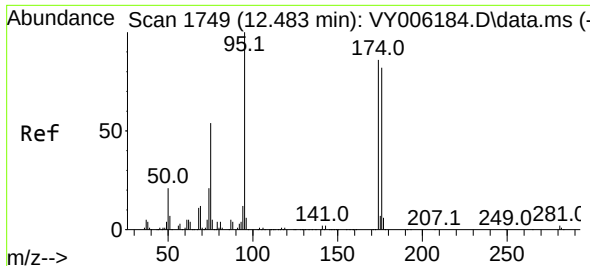
Tgt Ion: 98 Resp: 85163
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#55
1,1,2-Trichloroethane
Concen: 1.275 ug/l
RT: 10.630 min Scan# 1445
Delta R.T. -0.018 min
Lab File: VY006196.D
Acq: 28 Sep 2021 18:18

Tgt Ion: 97 Resp: 461
Ion Ratio Lower Upper
97 100
83 0.0 69.8 104.8#
85 48.8 44.3 66.5
99 0.0 49.8 74.6#

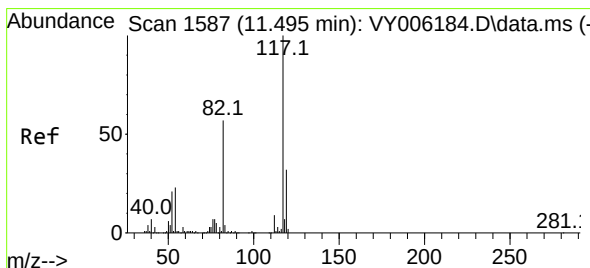
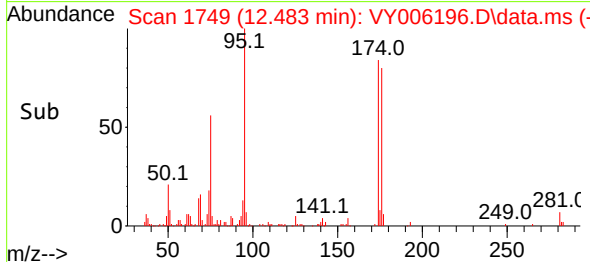
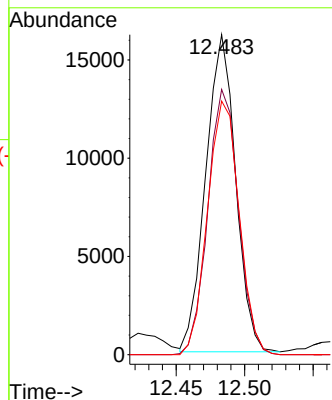
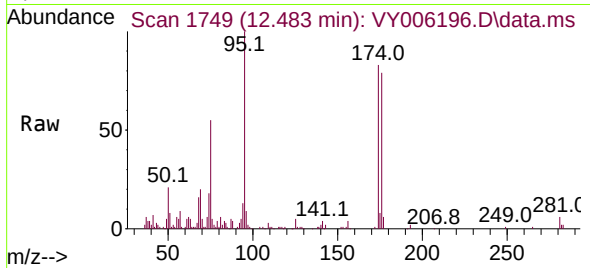




#62
4-Bromofluorobenzene
Concen: 46.521 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006196.D
Acq: 28 Sep 2021 18:18

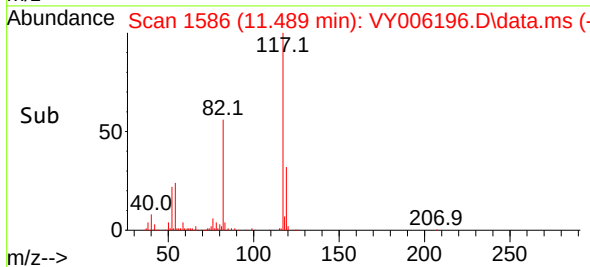
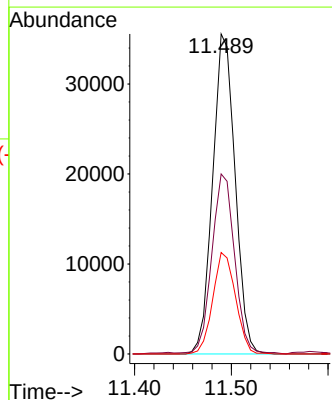
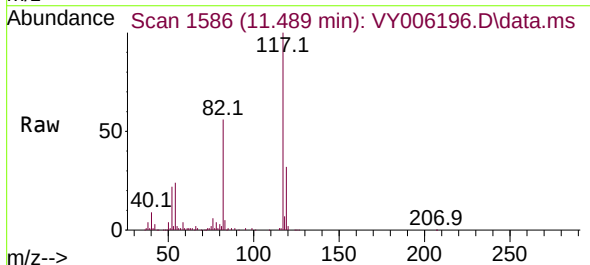
Instrument :
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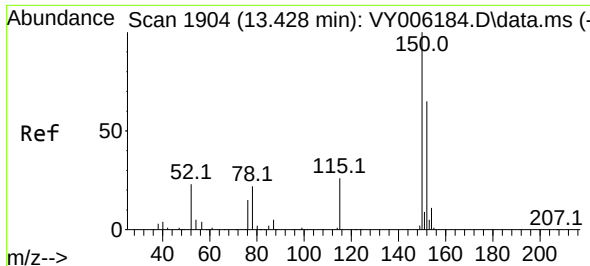
Tgt Ion:	95	Resp:	24530
Ion Ratio	Lower	Upper	
95	100		
174	85.4	0.0	177.0
176	84.5	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006196.D
Acq: 28 Sep 2021 18:18

Tgt Ion:	117	Resp:	57234
Ion Ratio	Lower	Upper	
117	100		
82	56.1	43.0	64.4
119	31.7	25.4	38.0

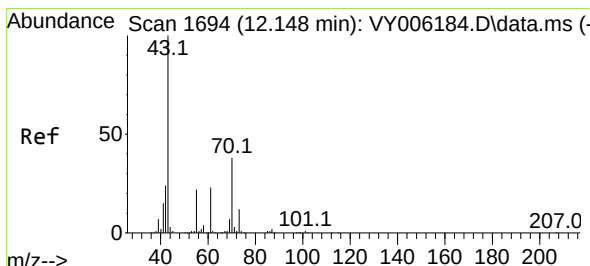
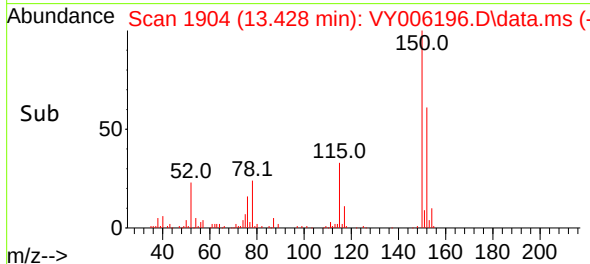
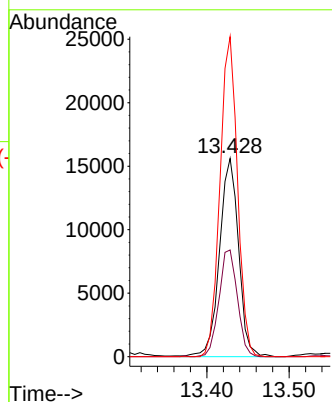
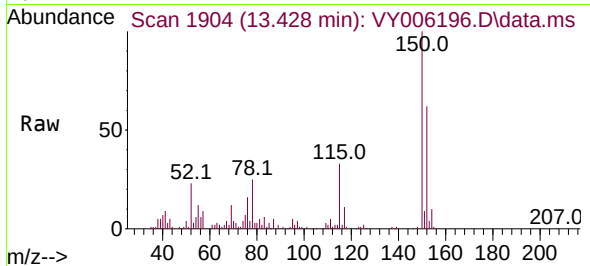




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006196.D
Acq: 28 Sep 2021 18:18

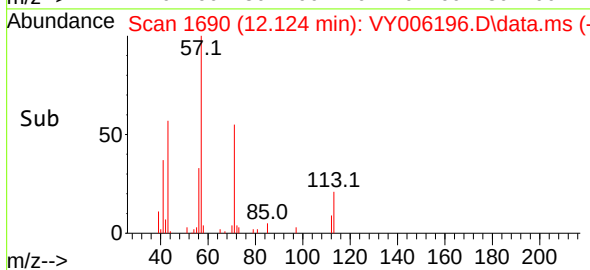
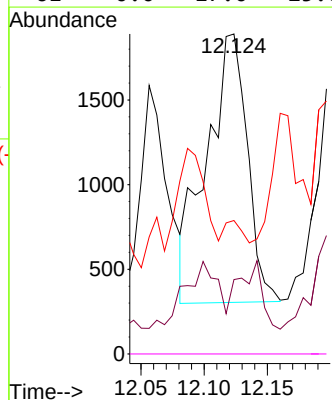
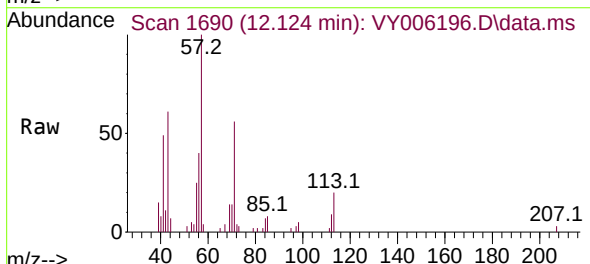
Instrument :
MSVOA_Y
ClientSampleId :
RO-COMP-1

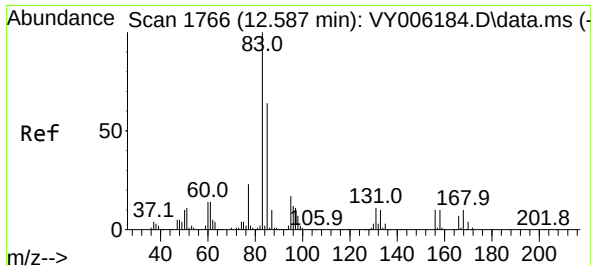
Tgt Ion:152 Resp: 25141
Ion Ratio Lower Upper
152 100
115 51.8 28.2 84.7
150 148.2 0.0 347.6



#74
N-ethyl acetate
Concen: 6.373 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.024 min
Lab File: VY006196.D
Acq: 28 Sep 2021 18:18

Tgt Ion: 43 Resp: 3562
Ion Ratio Lower Upper
43 100
70 14.6 28.7 43.1#
55 0.0 17.3 25.9#
61 0.0 17.0 25.6#

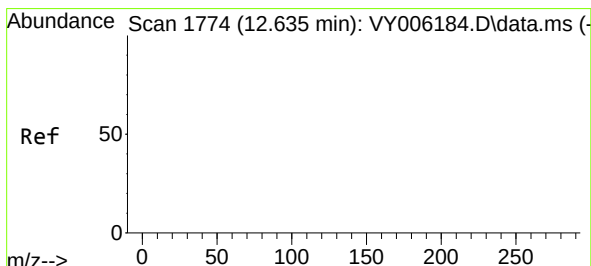
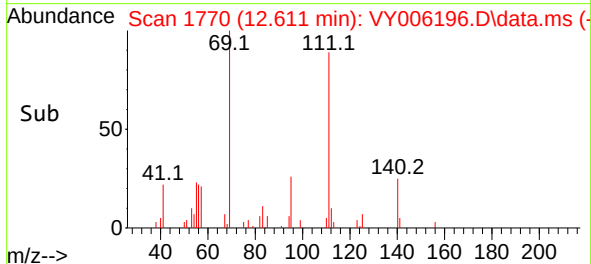
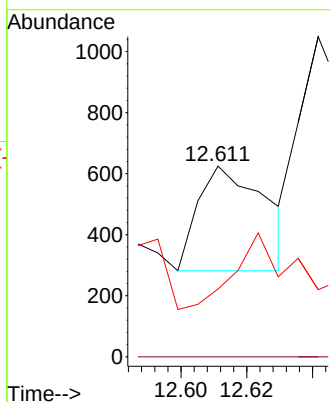
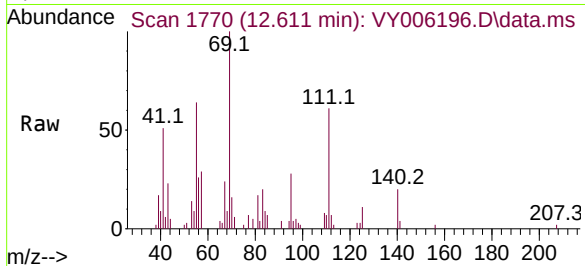




#75
1,1,2,2-Tetrachloroethane
Concen: 1.485 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.025 min
Lab File: VY006196.D
Acq: 28 Sep 2021 18:18

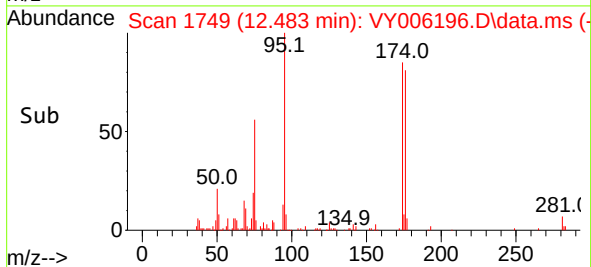
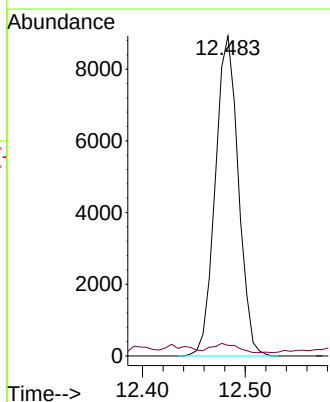
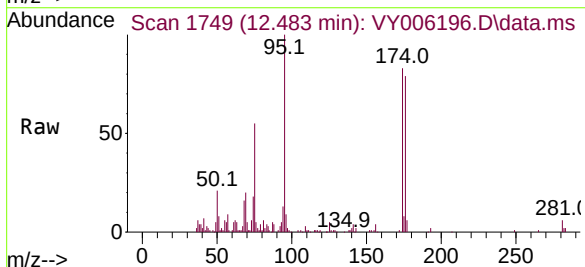
Instrument :
MSVOA_Y
ClientSampleId :
RO-COMP-1

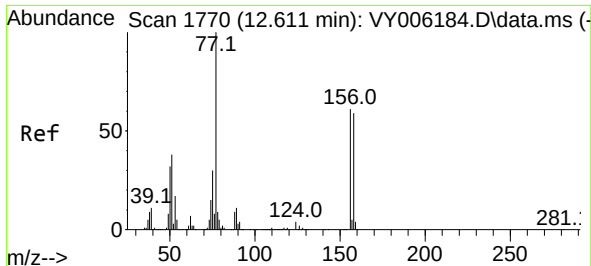
Tgt Ion: 83 Resp: 483
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 202.3 32.3 96.8#



#76
1,2,3-Trichloropropane
Concen: 56.929 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006196.D
Acq: 28 Sep 2021 18:18

Tgt Ion: 75 Resp: 13911
Ion Ratio Lower Upper
75 100
77 3.0 0.0 0.0#

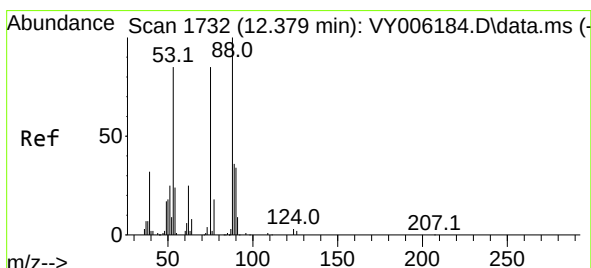
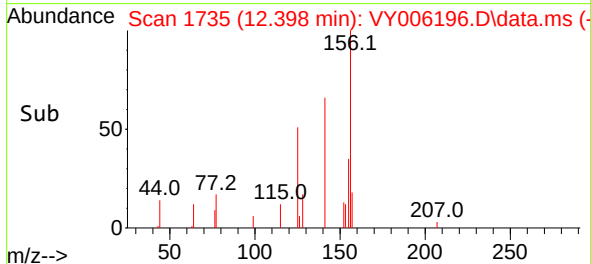
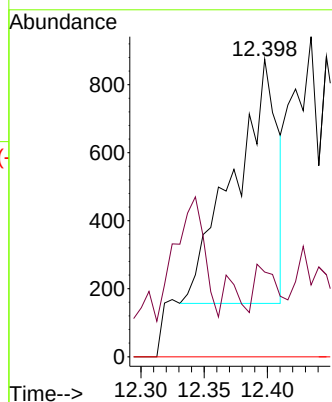
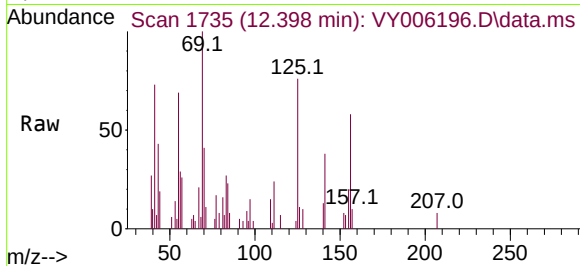




#77
Bromobenzene
Concen: 4.085 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. -0.213 min
Lab File: VY006196.D
Acq: 28 Sep 2021 18:18

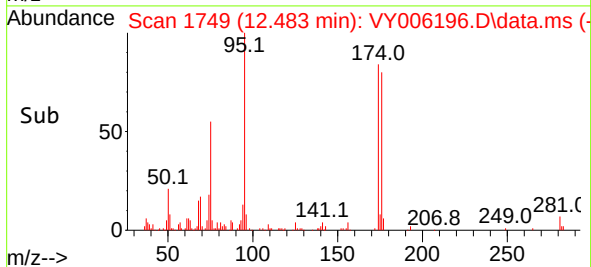
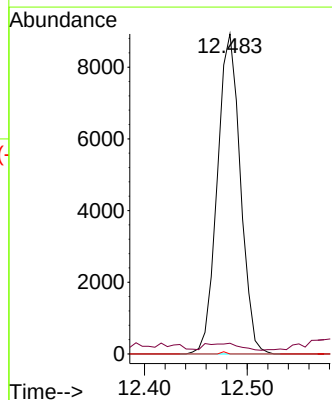
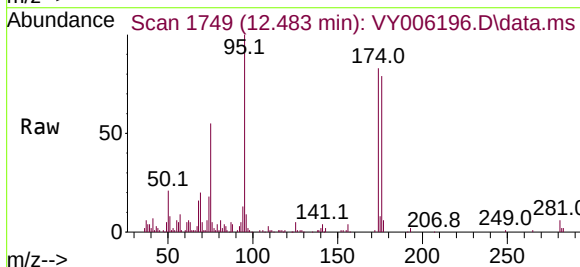
Instrument :
MSVOA_Y
ClientSampleId :
RO-COMP-1

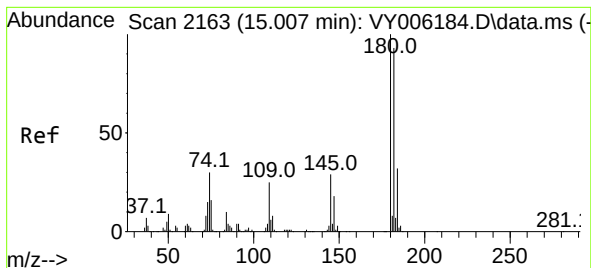
Tgt Ion:156 Resp: 1725
Ion Ratio Lower Upper
156 100
77 10.1 95.5 286.4#
158 0.0 48.0 144.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.873 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006196.D
Acq: 28 Sep 2021 18:18

Tgt Ion: 75 Resp: 13911
Ion Ratio Lower Upper
75 100
53 3.1 85.3 127.9#
89 0.2 37.0 55.4#

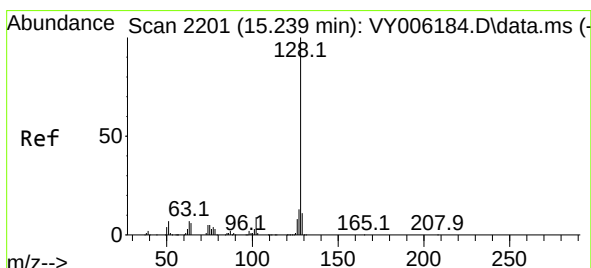
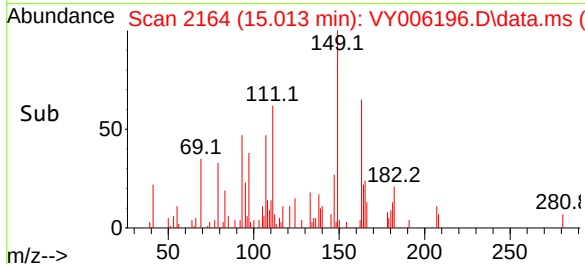
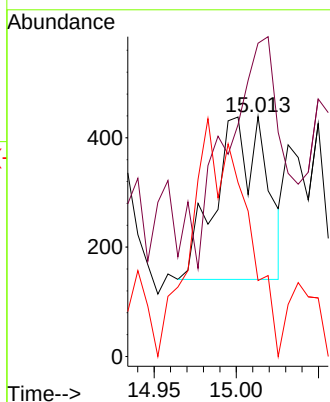
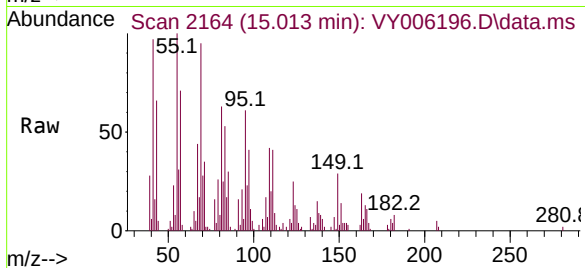




#93
1,2,4-Trichlorobenzene
Concen: 1.299 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY006196.D
Acq: 28 Sep 2021 18:18

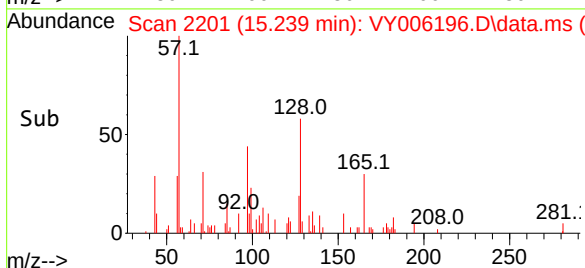
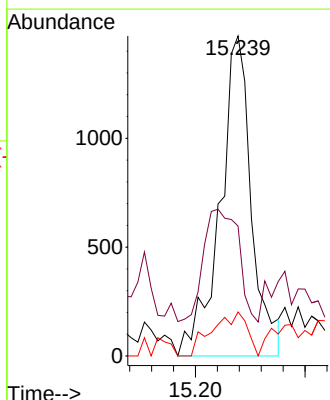
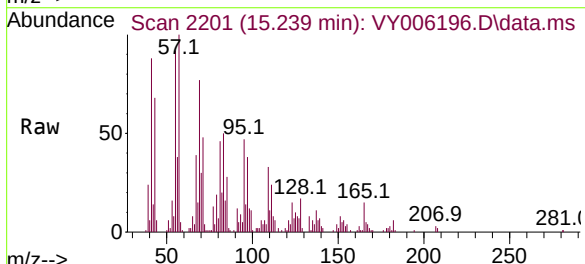
Instrument :
MSVOA_Y
ClientSampleId :
RO-COMP-1

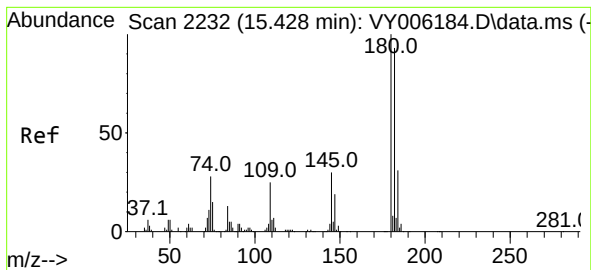
Tgt Ion:180 Resp: 628
Ion Ratio Lower Upper
180 100
182 154.9 47.3 141.9#
145 0.0 14.6 43.8#



#95
Naphthalene
Concen: 3.042 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY006196.D
Acq: 28 Sep 2021 18:18

Tgt Ion:128 Resp: 2922
Ion Ratio Lower Upper
128 100
127 38.9 11.0 16.4#
129 15.2 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.865 ug/l
 RT: 15.294 min Scan# 2210
 Delta R.T. -0.134 min
 Lab File: VY006196.D
 Acq: 28 Sep 2021 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-COMP-1

Tgt Ion:180 Resp: 799
 Ion Ratio Lower Upper
 180 100
 182 50.6 47.3 141.9
 145 16.0 15.3 45.9

