

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
 Data File : VY006194.D
 Acq On : 28 Sep 2021 17:32
 Operator : SY/MD
 Sample : M3933-03
 Misc : 1.23G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 191-0922-XYL-3

Quant Time: Sep 29 03:21:39 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)

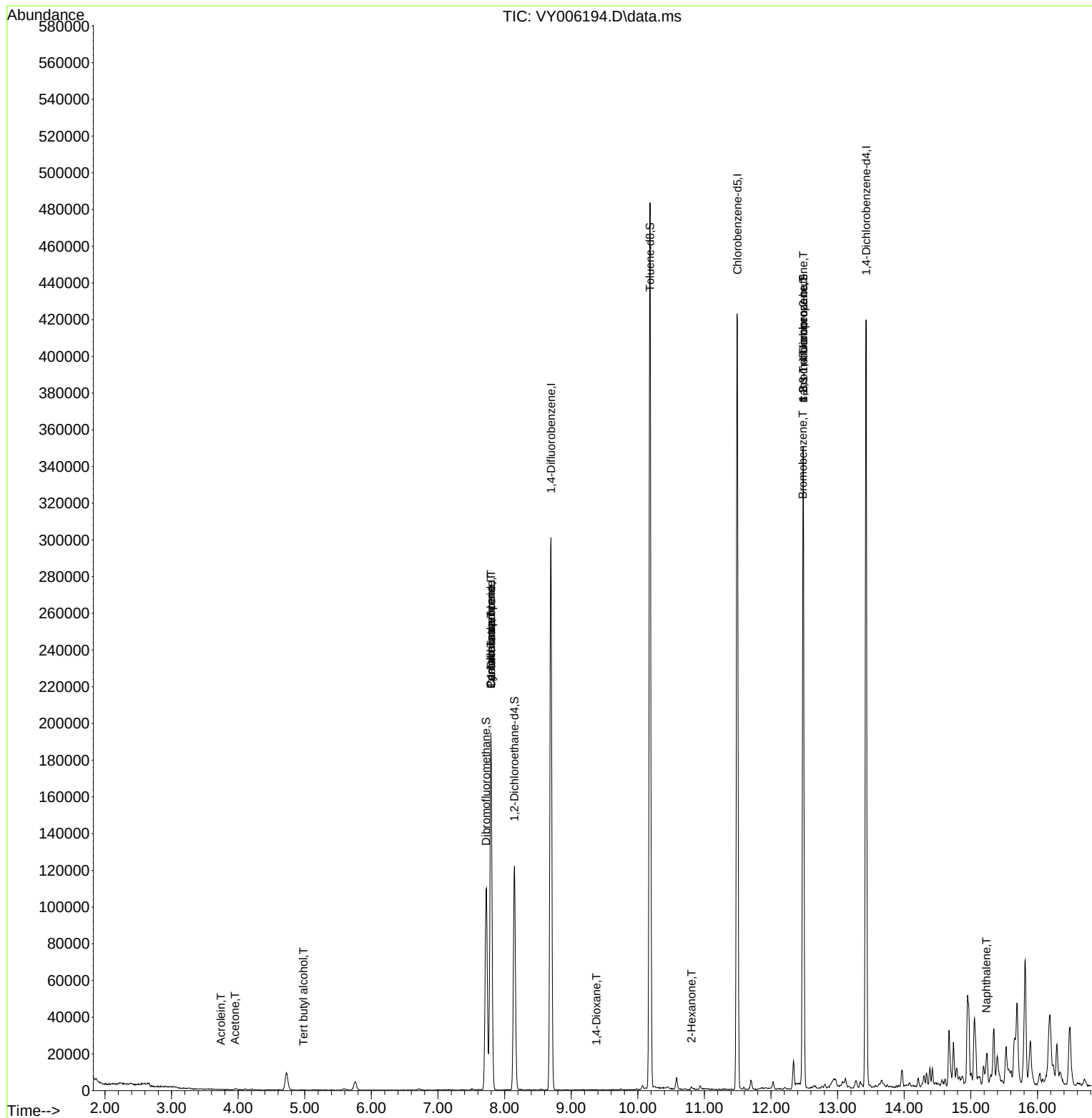
Internal Standards						
1) Pentafluorobenzene	7.795	168	146894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	246761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	225170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	97831	62.226	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.460%	
35) Dibromofluoromethane	7.722	113	76248	57.836	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.680%	
50) Toluene-d8	10.185	98	306318	55.517	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.040%	
62) 4-Bromofluorobenzene	12.483	95	99600	53.138	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.280%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.978	59	157	1.142	ug/l #	77
13) Acrolein	3.741	56	45	18.908	ug/l #	18
16) Acetone	3.954	43	1378	3.138	ug/l	92
31) Cyclohexane	7.795	56	3429	1.151	ug/l #	36
36) 1,1-Dichloropropene	7.795	75	11606	4.727	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13668	5.272	ug/l #	16
49) 1,4-Dioxane	9.380	88	41	3.442	ug/l #	1
59) 2-Hexanone	10.807	43	1946	1.918	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	55130	55.712	ug/l #	100
77) Bromobenzene	12.477	156	1956	1.144	ug/l #	6
81) trans-1,4-Dichloro-2-b...	12.483	75	55130	109.482	ug/l #	7
95) Naphthalene	15.233	128	6436	1.655	ug/l #	92

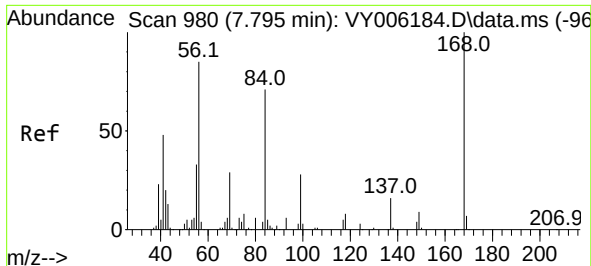
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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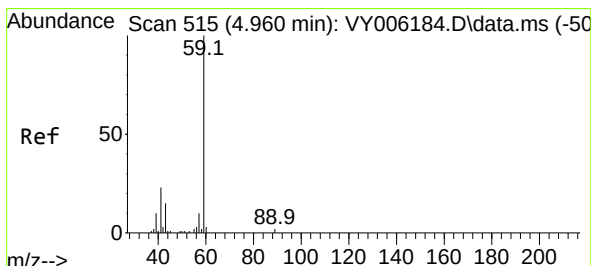
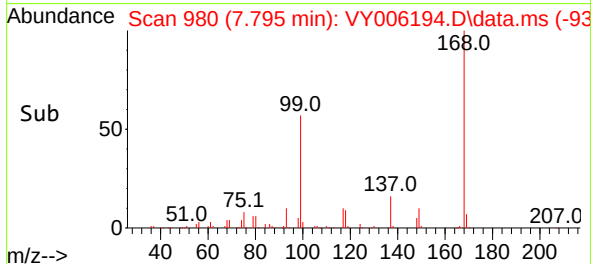
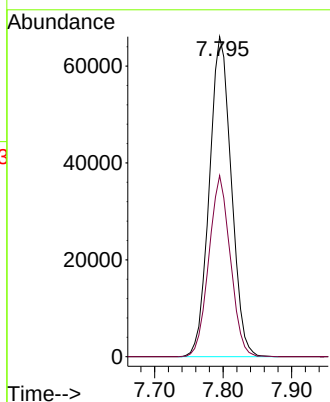
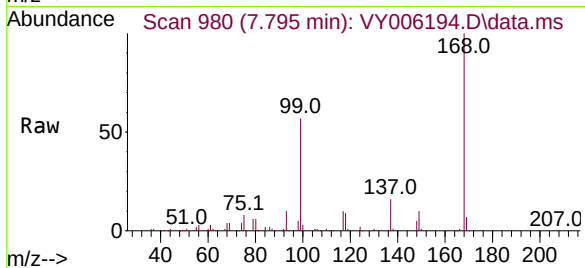




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006194.D
Acq: 28 Sep 2021 17:32

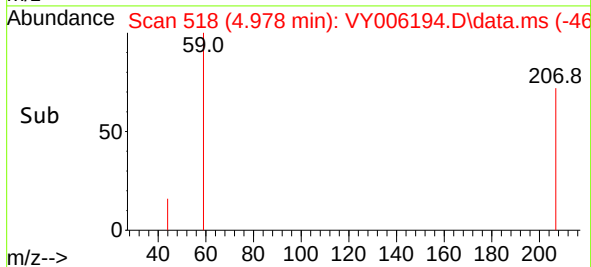
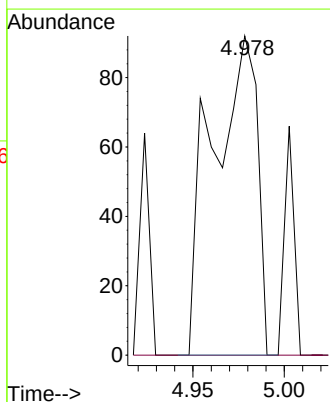
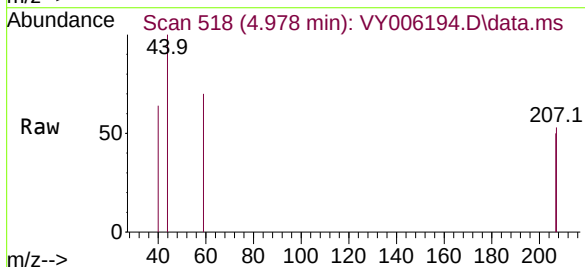
Instrument :
MSVOA_Y
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191-0922-XYL-3

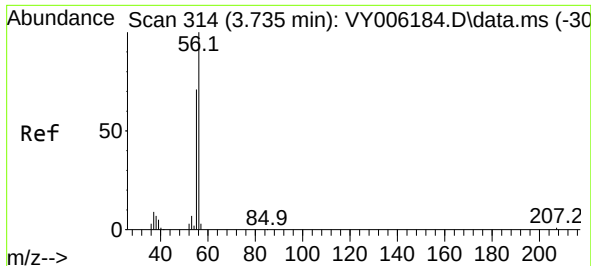
Tgt Ion:168 Resp: 146894
Ion Ratio Lower Upper
168 100
99 56.6 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.142 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.018 min
Lab File: VY006194.D
Acq: 28 Sep 2021 17:32

Tgt Ion: 59 Resp: 157
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

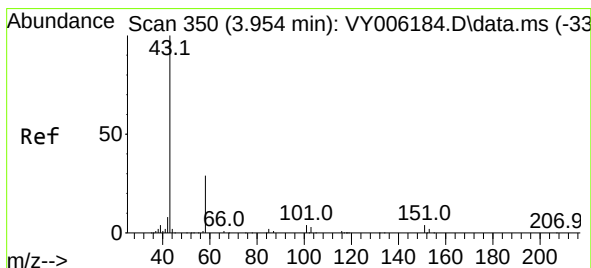
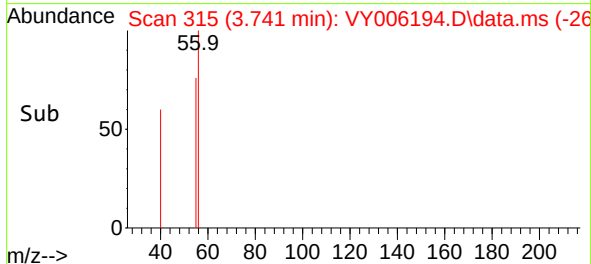
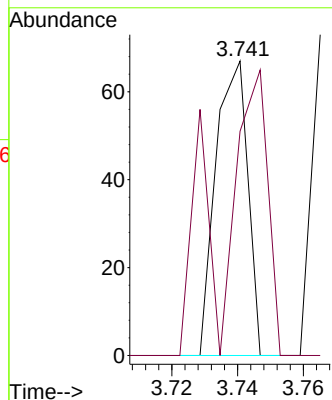
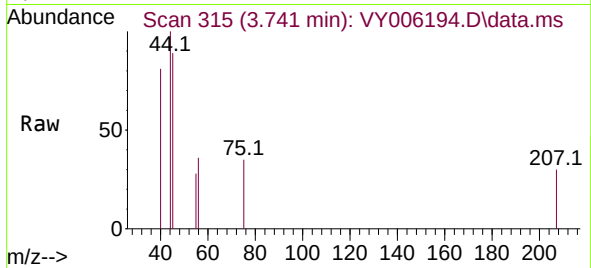




#13
Acrolein
Concen: 18.908 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY006194.D
Acq: 28 Sep 2021 17:32

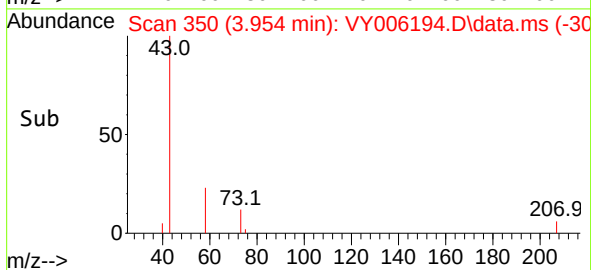
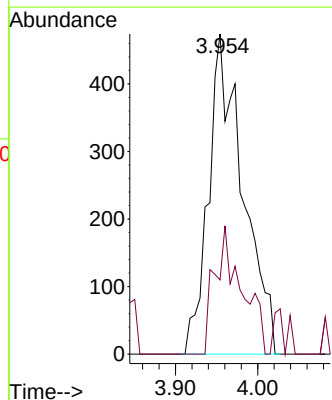
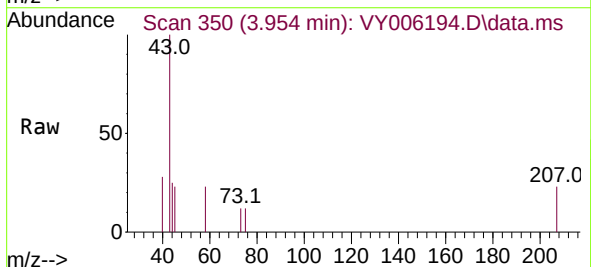
Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-3

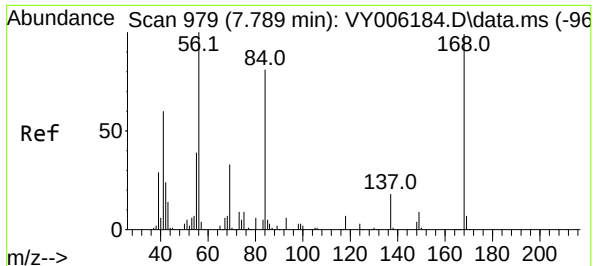
Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 140.0 57.6 86.4#



#16
Acetone
Concen: 3.138 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006194.D
Acq: 28 Sep 2021 17:32

Tgt Ion: 43 Resp: 1378
Ion Ratio Lower Upper
43 100
58 23.2 22.0 33.0

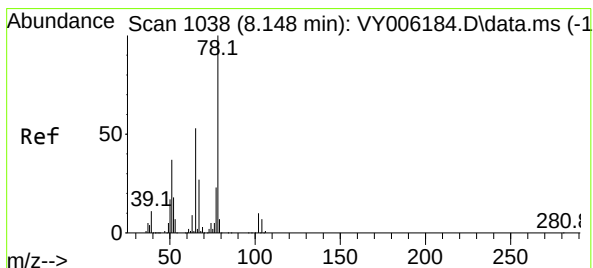
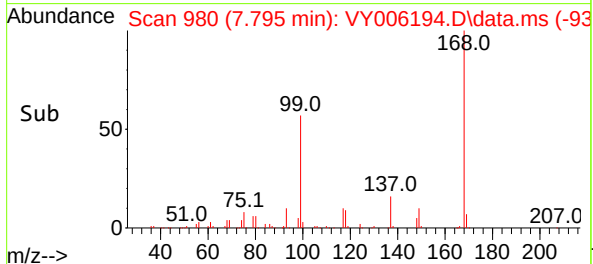
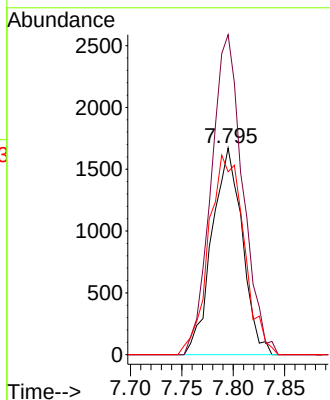
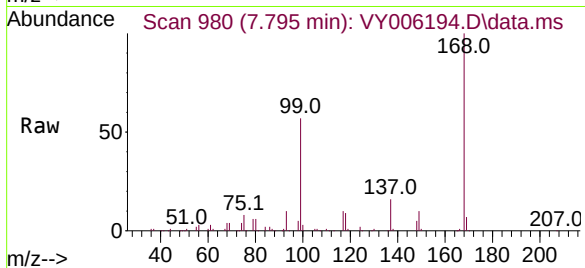




#31
Cyclohexane
Concen: 1.151 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006194.D
Acq: 28 Sep 2021 17:32

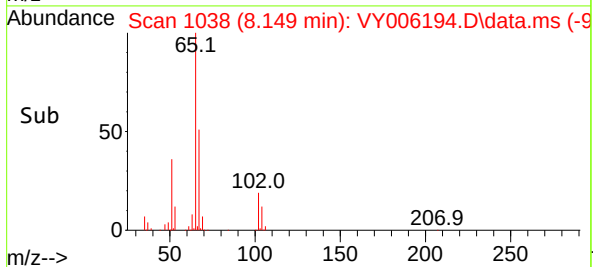
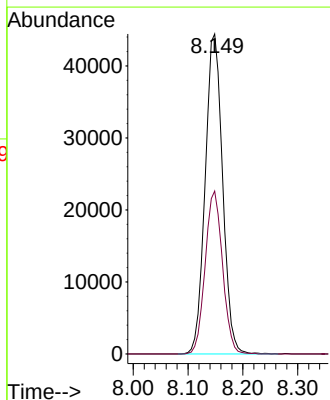
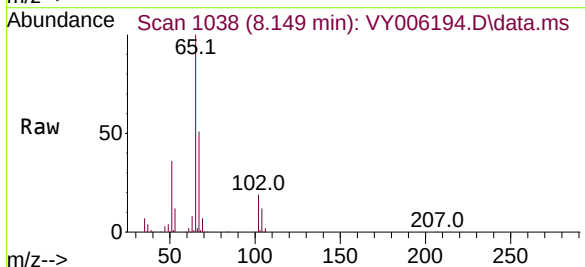
Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-3

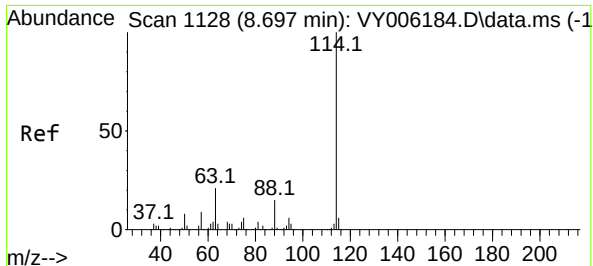
Tgt Ion: 56 Resp: 3429
Ion Ratio Lower Upper
56 100
69 154.8 26.7 40.1#
84 88.4 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 62.226 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006194.D
Acq: 28 Sep 2021 17:32

Tgt Ion: 65 Resp: 97831
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.4

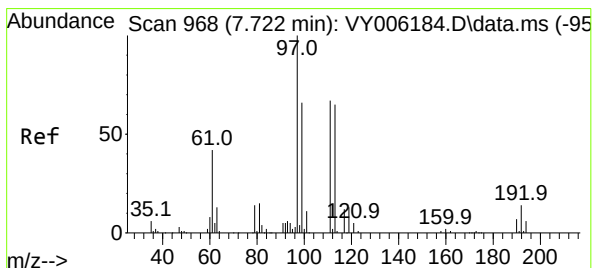
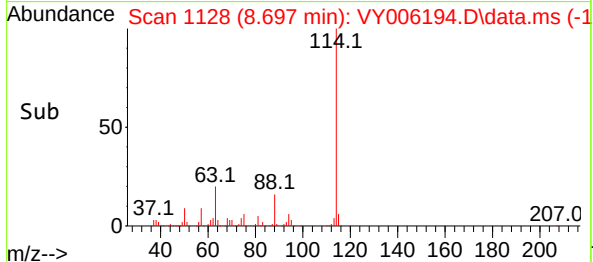
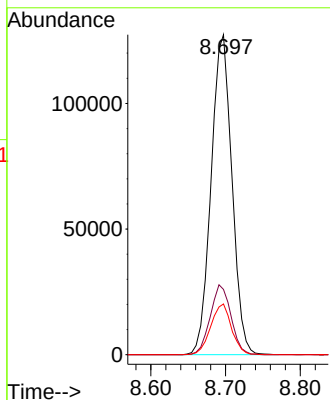
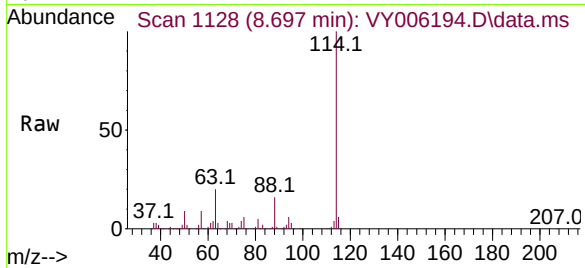




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006194.D
Acq: 28 Sep 2021 17:32

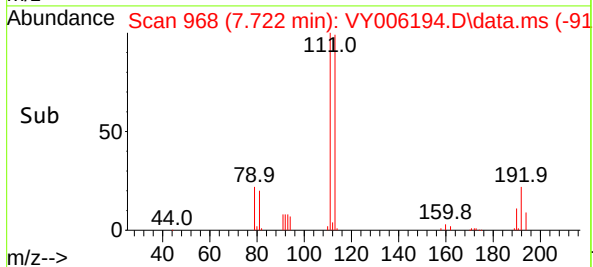
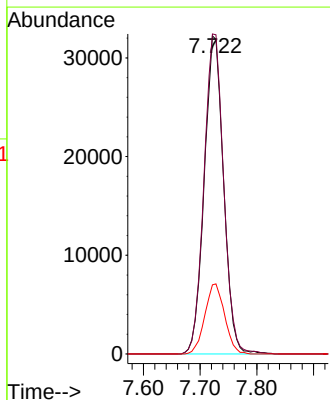
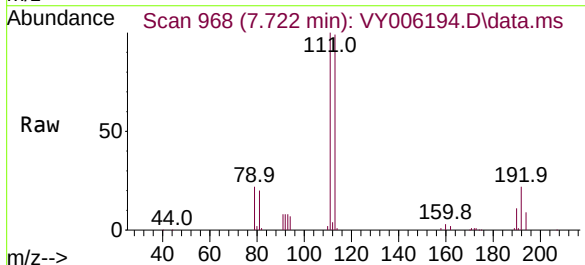
Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-3

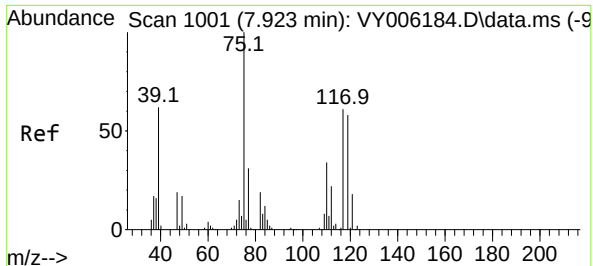
Tgt Ion:	114	Resp:	246761
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	43.2
88	15.9	0.0	31.8



#35
Dibromofluoromethane
Concen: 57.836 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006194.D
Acq: 28 Sep 2021 17:32

Tgt Ion:	113	Resp:	76248
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	124.0
192	22.5	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.727 ug/l

RT: 7.795 min Scan# 980

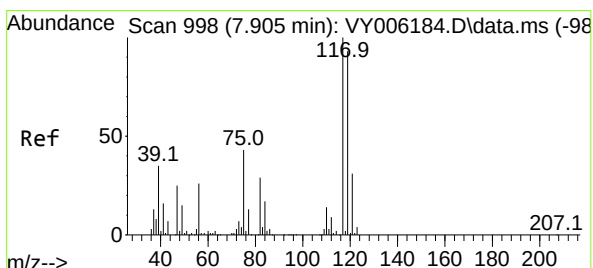
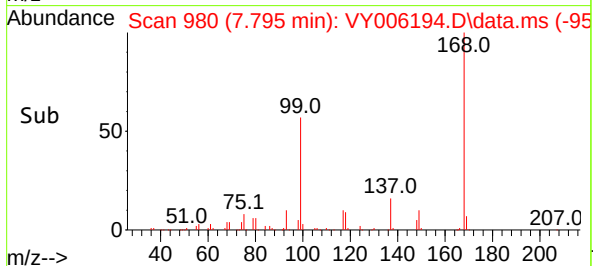
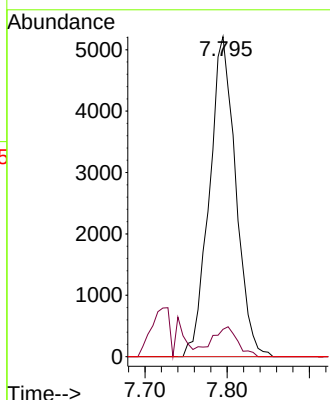
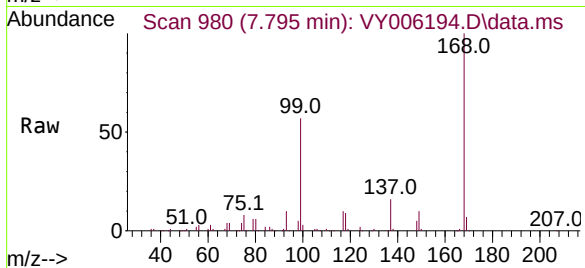
Delta R.T. -0.128 min

Lab File: VY006194.D

Acq: 28 Sep 2021 17:32

Tgt Ion:	75	Resp:	11606
Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-3



#38

Carbon Tetrachloride

Concen: 5.272 ug/l

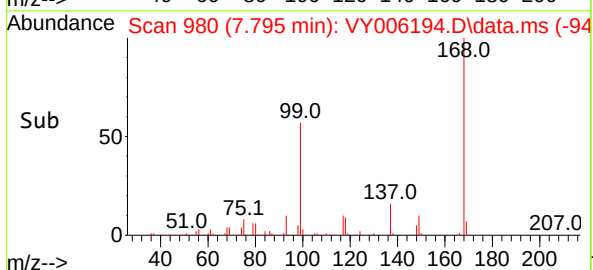
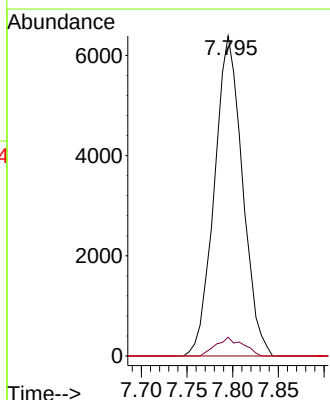
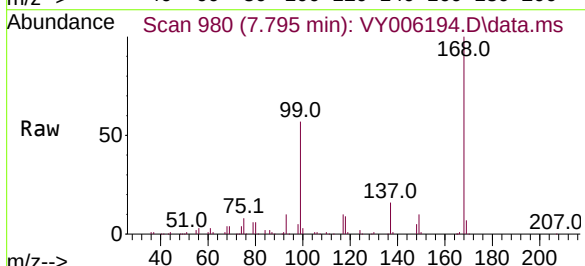
RT: 7.795 min Scan# 980

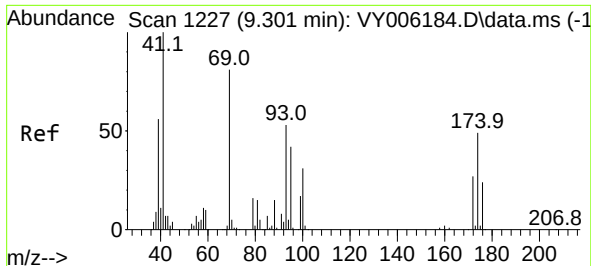
Delta R.T. -0.110 min

Lab File: VY006194.D

Acq: 28 Sep 2021 17:32

Tgt Ion:	117	Resp:	13668
Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.9	116.9#
121	0.0	24.8	37.2#

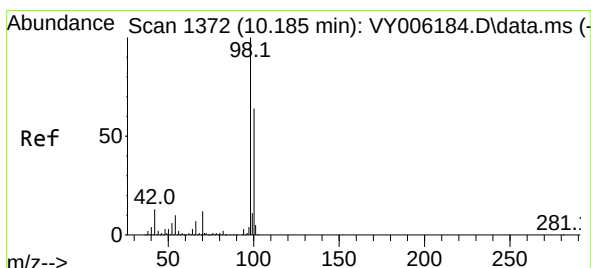
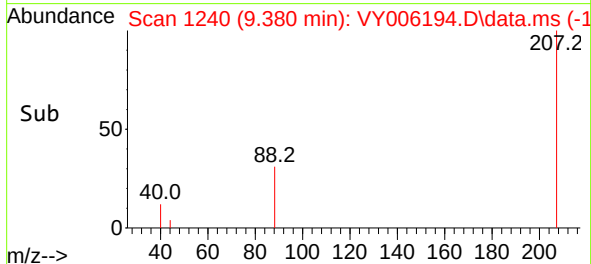
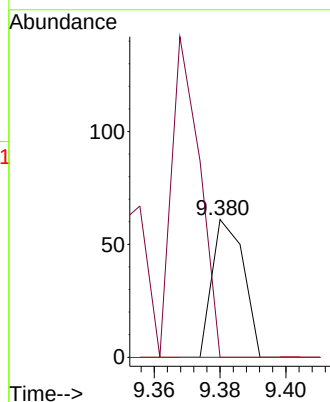
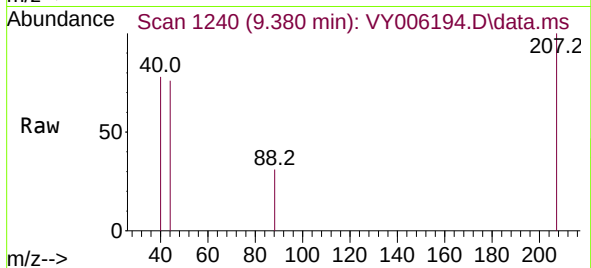




#49
1,4-Dioxane
Concen: 3.442 ug/l
RT: 9.380 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VY006194.D
Acq: 28 Sep 2021 17:32

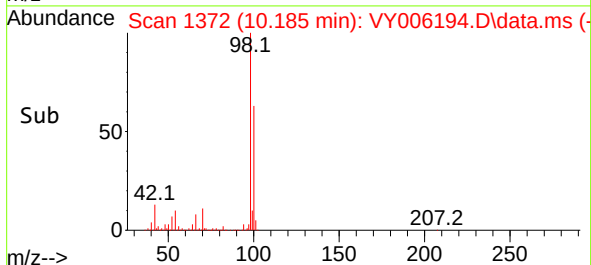
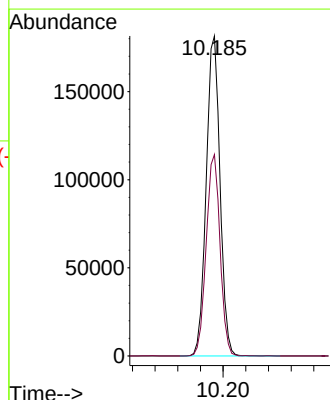
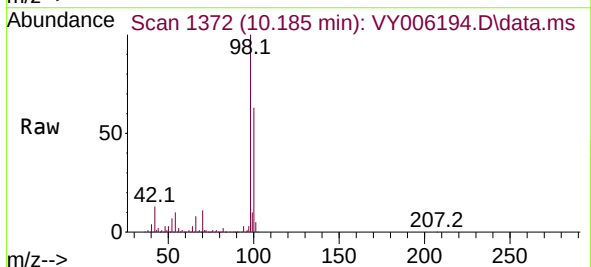
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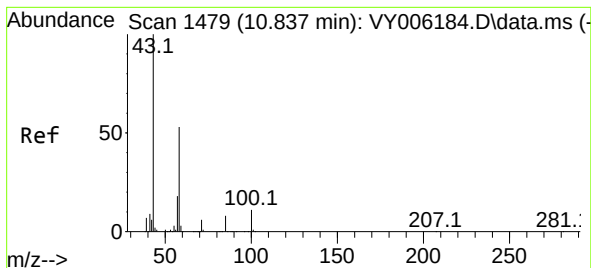
Tgt Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
43 319.5 32.8 49.2#
58 0.0 59.8 89.6#



#50
Toluene-d8
Concen: 55.517 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006194.D
Acq: 28 Sep 2021 17:32

Tgt Ion: 98 Resp: 306318
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2

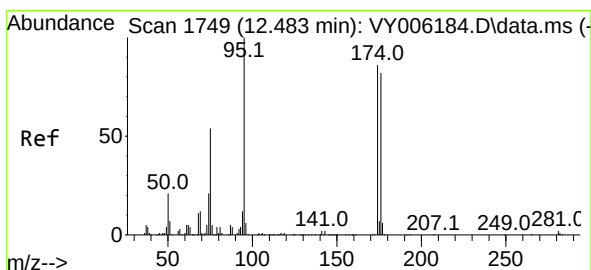
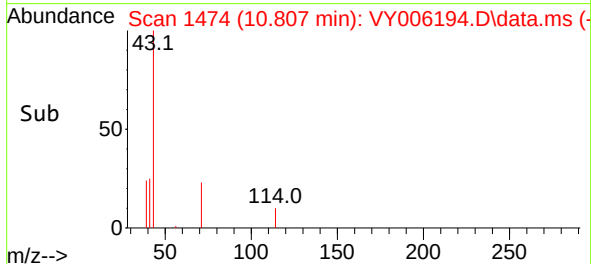
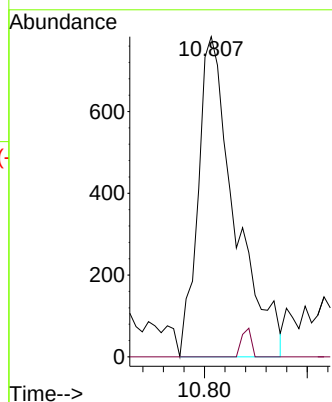
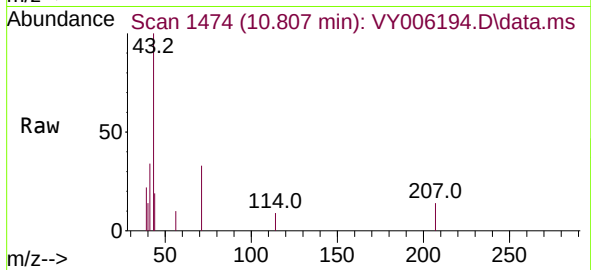




#59
2-Hexanone
Concen: 1.918 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.030 min
Lab File: VY006194.D
Acq: 28 Sep 2021 17:32

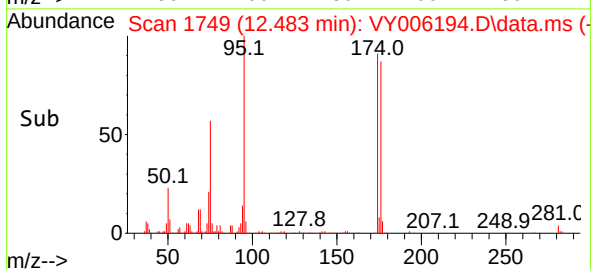
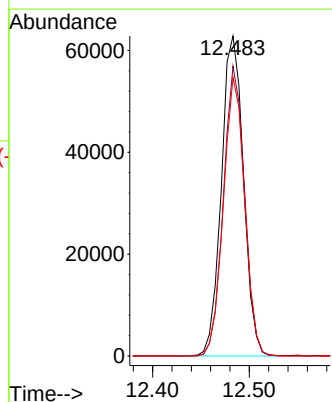
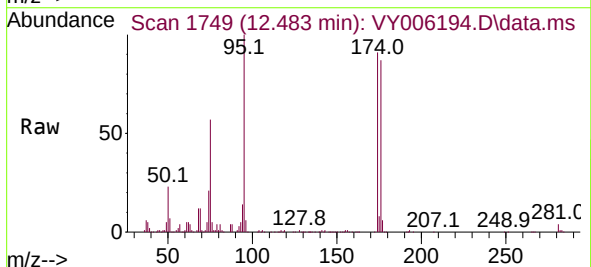
Instrument :
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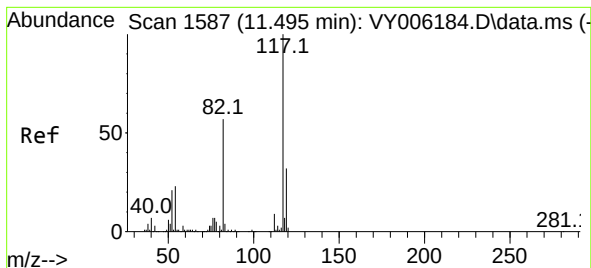
Tgt Ion: 43 Resp: 1946
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 53.138 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006194.D
Acq: 28 Sep 2021 17:32

Tgt Ion: 95 Resp: 99600
Ion Ratio Lower Upper
95 100
174 86.5 0.0 177.0
176 83.9 0.0 175.8

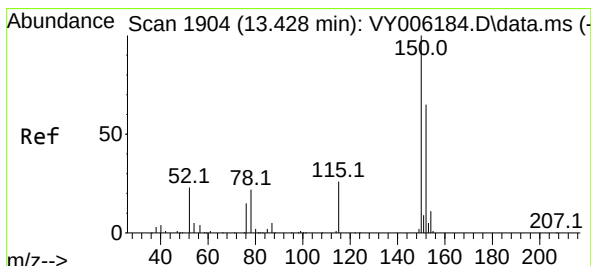
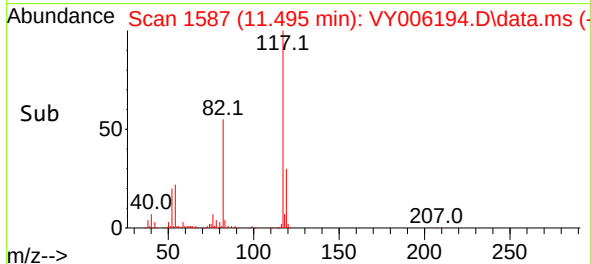
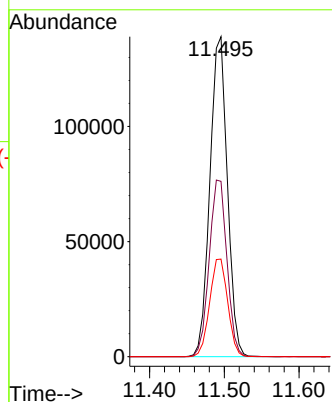
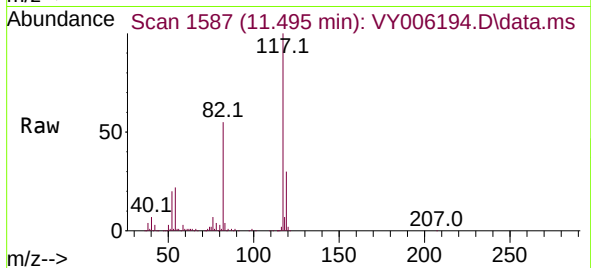




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006194.D
Acq: 28 Sep 2021 17:32

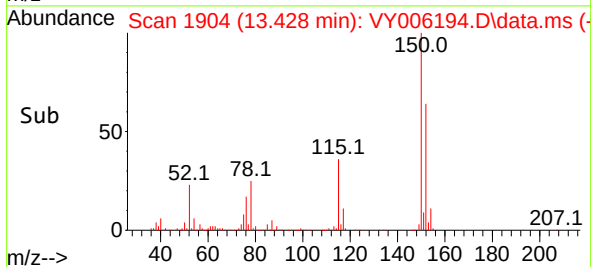
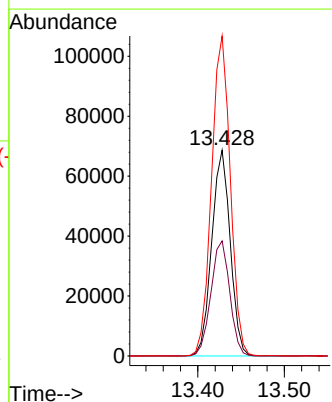
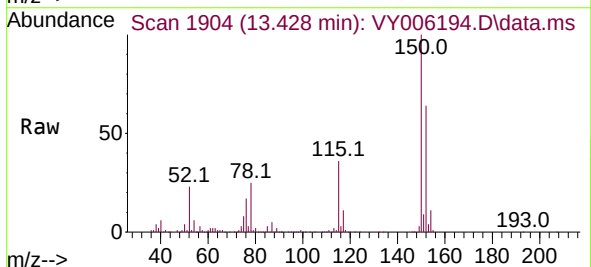
Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-3

Tgt Ion:117 Resp: 225170
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 30.5 25.4 38.0

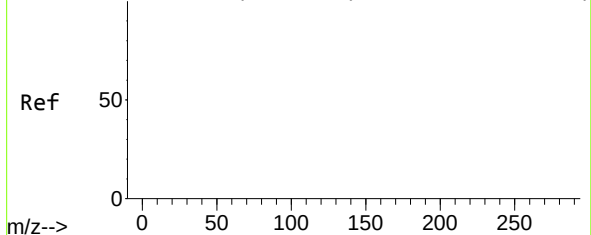


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006194.D
Acq: 28 Sep 2021 17:32

Tgt Ion:152 Resp: 101811
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 158.0 0.0 347.6



Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-

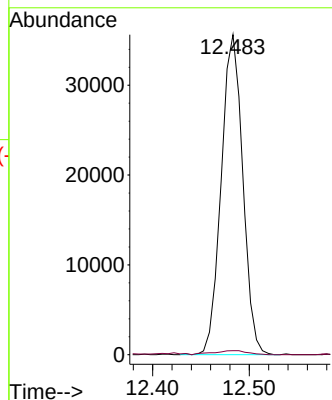
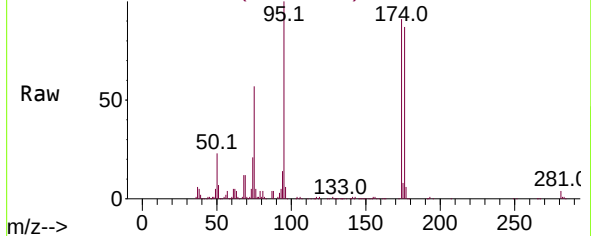


#76
1,2,3-Trichloropropane
Concen: 55.712 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006194.D
Acq: 28 Sep 2021 17:32

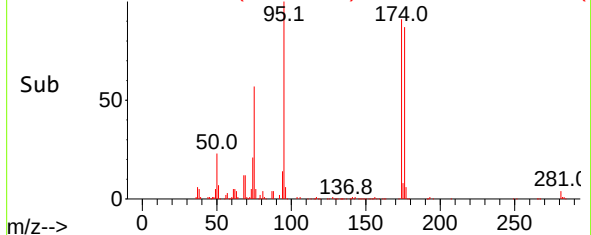
Tgt Ion: 75 Resp: 55130
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-3

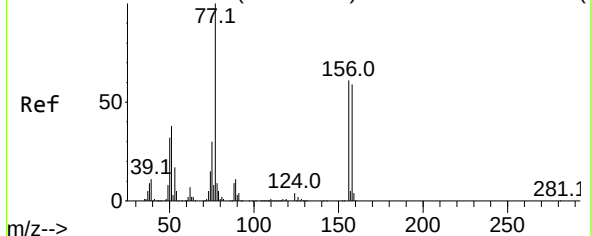
Abundance Scan 1749 (12.483 min): VY006194.D\data.ms (-



Abundance Scan 1749 (12.483 min): VY006194.D\data.ms (-



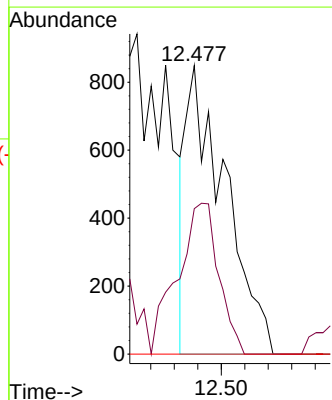
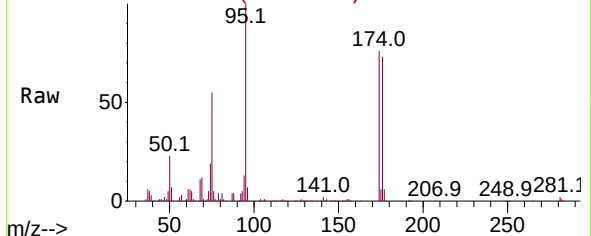
Abundance Scan 1770 (12.611 min): VY006184.D\data.ms (-



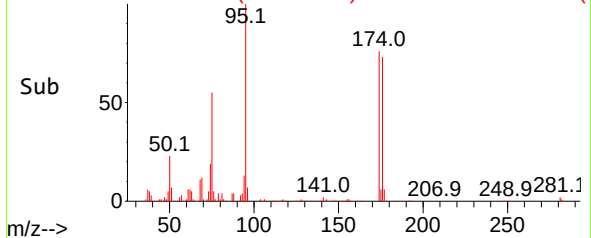
#77
Bromobenzene
Concen: 1.144 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.134 min
Lab File: VY006194.D
Acq: 28 Sep 2021 17:32

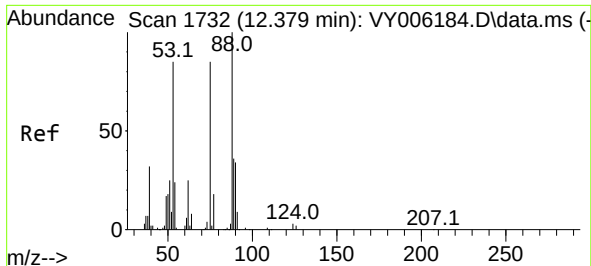
Tgt Ion: 156 Resp: 1956
Ion Ratio Lower Upper
156 100
77 55.4 95.5 286.4#
158 0.0 48.0 144.0#

Abundance Scan 1748 (12.477 min): VY006194.D\data.ms (-



Abundance Scan 1748 (12.477 min): VY006194.D\data.ms (-

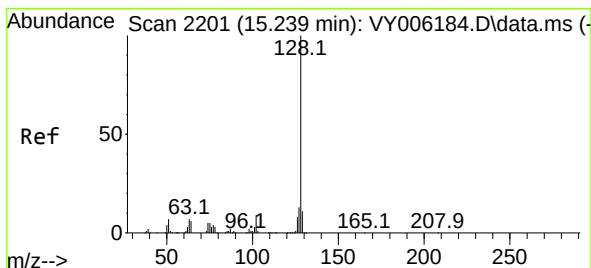
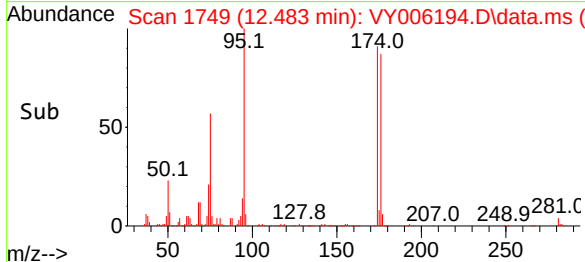
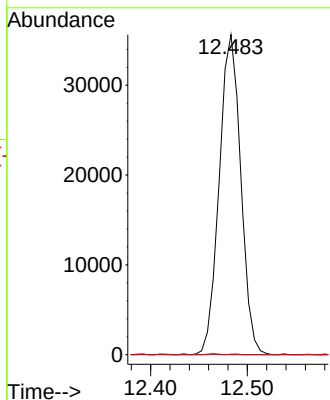
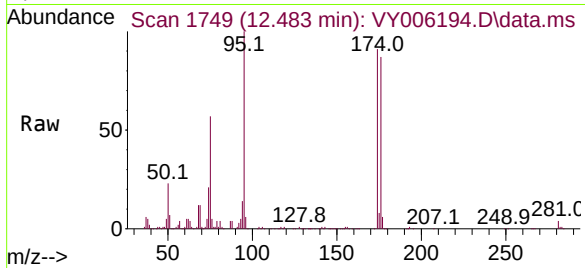




#81
trans-1,4-Dichloro-2-butene
Concen: 109.482 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006194.D
Acq: 28 Sep 2021 17:32

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-3

Tgt Ion: 75 Resp: 55130
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 1.655 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY006194.D
Acq: 28 Sep 2021 17:32

Tgt Ion: 128 Resp: 6436
Ion Ratio Lower Upper
128 100
127 15.5 11.0 16.4
129 15.2 8.4 12.6#

