

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004980.D
 Acq On : 04 Jun 2021 21:19
 Operator : SY/MD
 Sample : M2612-06
 Misc : 4.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(26-30)

Quant Time: Jun 05 01:37:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

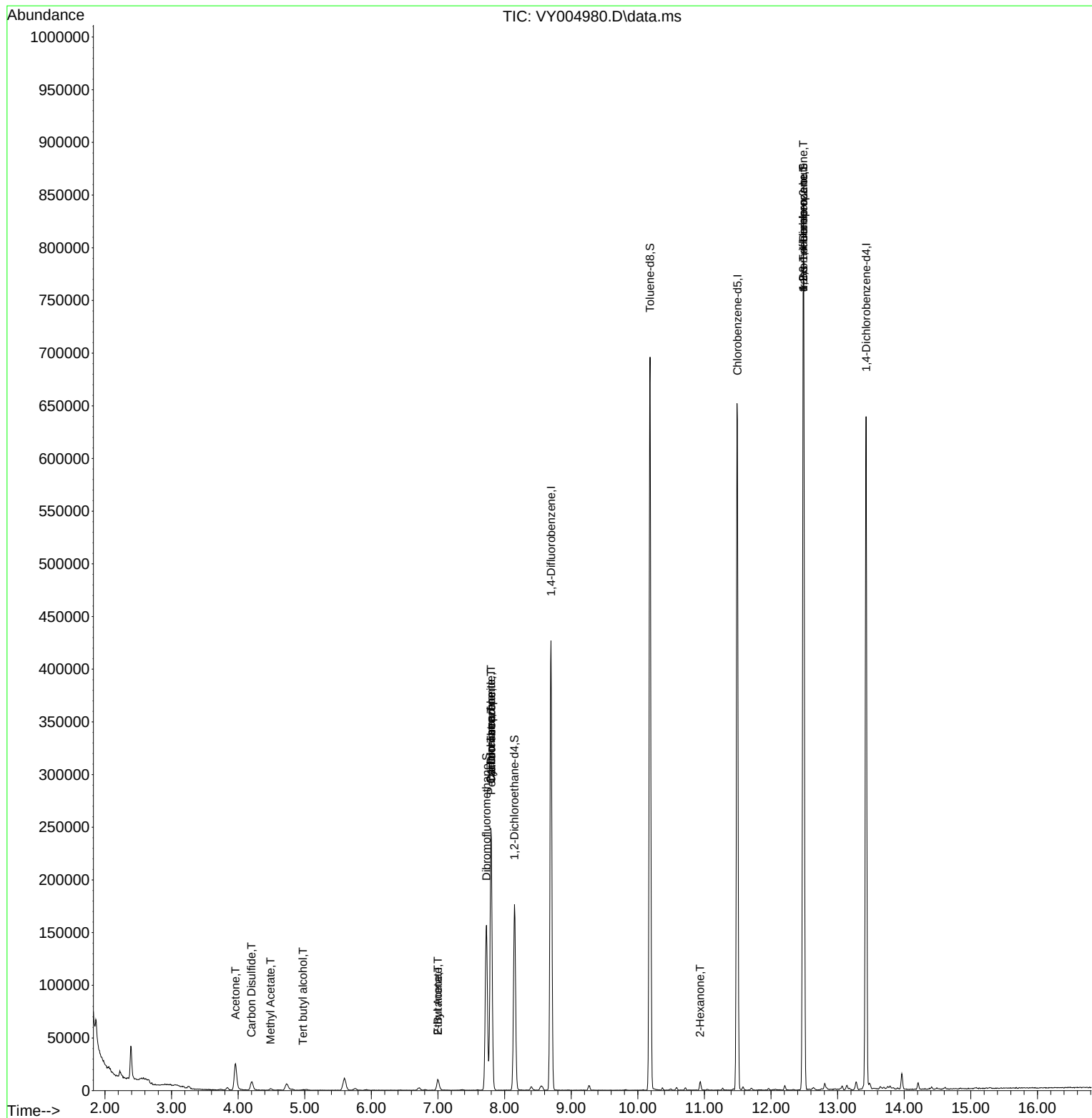
Internal Standards						
1) Pentafluorobenzene	7.801	168	184692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	350991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	348534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	133988	68.623	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 137.240%			
35) Dibromofluoromethane	7.728	113	111883	59.248	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.500%			
50) Toluene-d8	10.185	98	440118	56.118	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.240%			
62) 4-Bromofluorobenzene	12.483	95	156625	58.069	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.140%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.972	59	401	1.786	ug/l #	94
13) Acrolein	3.747	56	907	Below Cal	#	76
16) Acetone	3.960	43	44340	94.336	ug/l	97
17) Carbon Disulfide	4.198	76	15373	2.634	ug/l	96
18) Methyl Acetate	4.485	43	3149	2.091	ug/l #	85
20) Methylene Chloride	4.722	84	4368	Below Cal		95
25) 2-Butanone	6.996	43	17826	22.554	ug/l	94
31) Cyclohexane	7.795	56	4286	1.247	ug/l #	8
36) 1,1-Dichloropropene	7.795	75	15519	4.518	ug/l #	49
37) Ethyl Acetate	6.996	43	17826	7.889	ug/l #	70
38) Carbon Tetrachloride	7.795	117	19354	6.474	ug/l #	17
59) 2-Hexanone	10.935	43	1792	1.247	ug/l #	33
76) 1,2,3-Trichloropropane	12.483	75	86816	49.761	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	86816	91.450	ug/l #	16

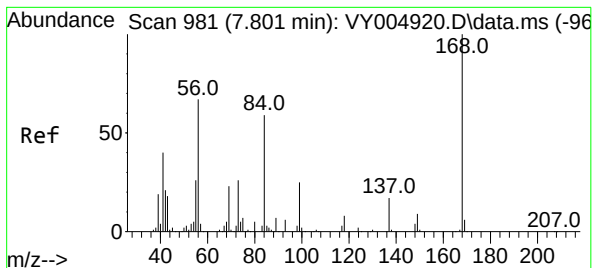
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
Data File : VY004980.D
Acq On : 04 Jun 2021 21:19
Operator : SY/MD
Sample : M2612-06
Misc : 4.52G/5ML/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(26-30)

Quant Time: Jun 05 01:37:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY004980.D

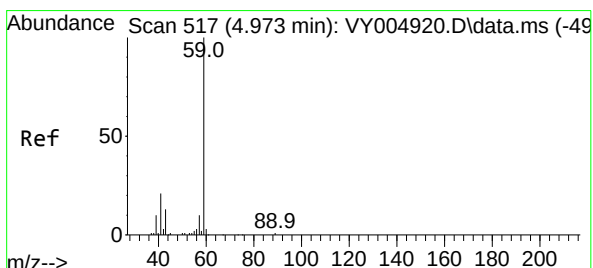
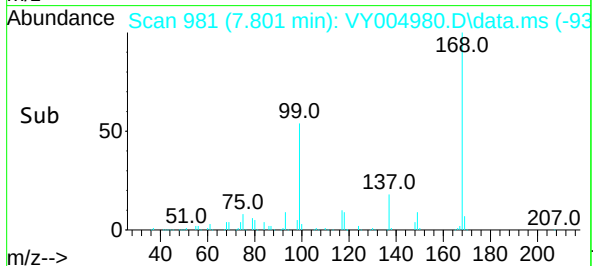
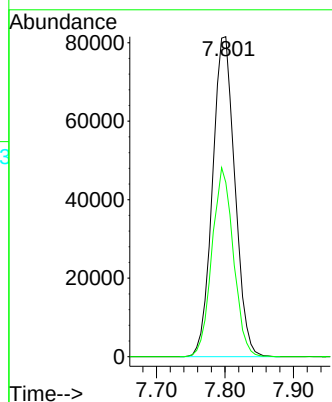
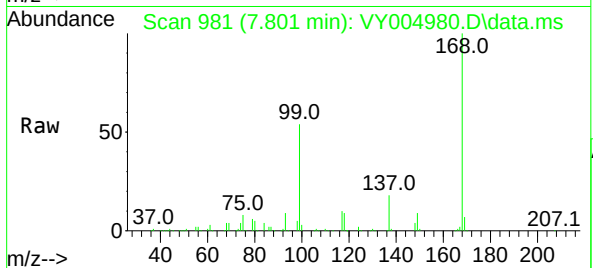
Acq: 04 Jun 2021 21:19

Tgt Ion:168 Resp: 184692

Ion Ratio Lower Upper

168 100

99 54.4 43.9 65.9



#11

Tert butyl alcohol

Concen: 1.786 ug/l

RT: 4.972 min Scan# 517

Delta R.T. -0.001 min

Lab File: VY004980.D

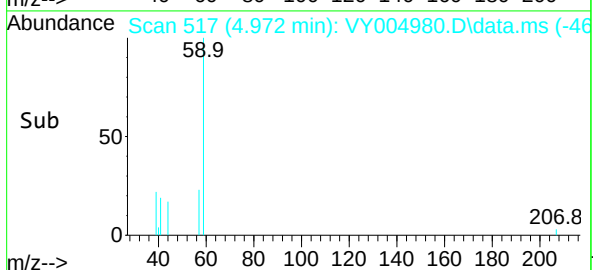
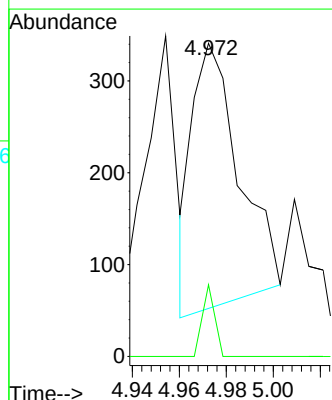
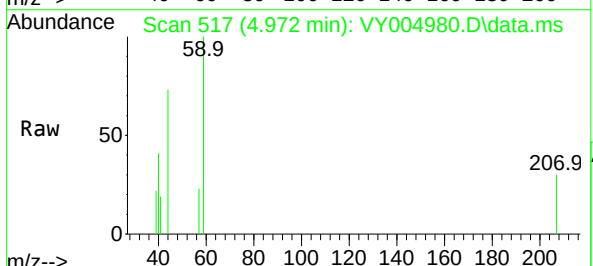
Acq: 04 Jun 2021 21:19

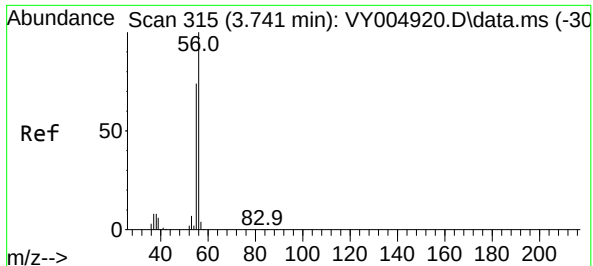
Tgt Ion: 59 Resp: 401

Ion Ratio Lower Upper

59 100

57 7.2 7.7 11.5#

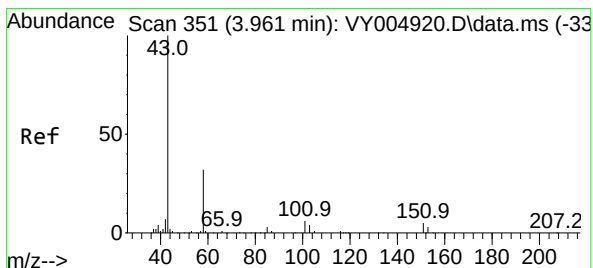
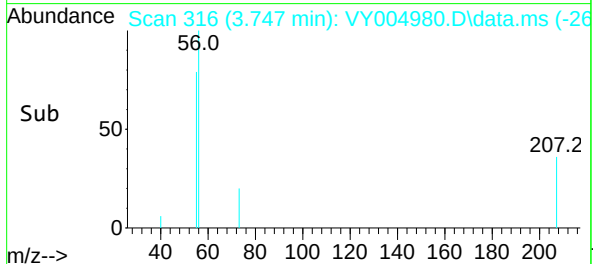
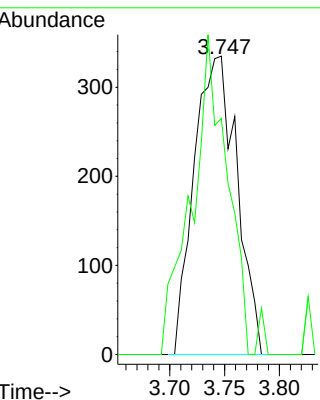
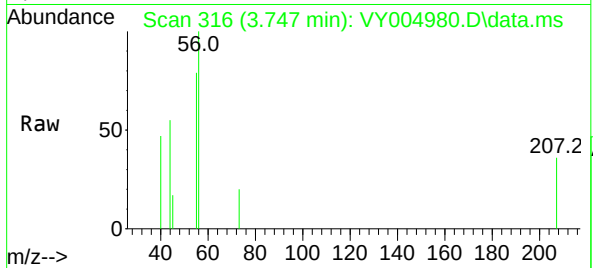




#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY004980.D
Acq: 04 Jun 2021 21:19

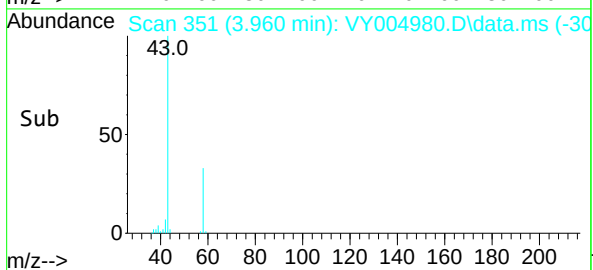
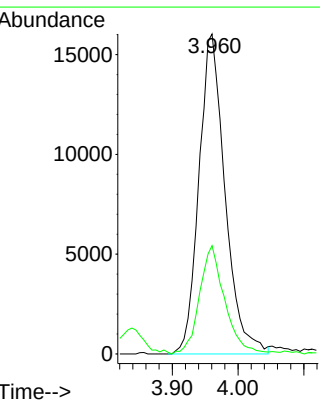
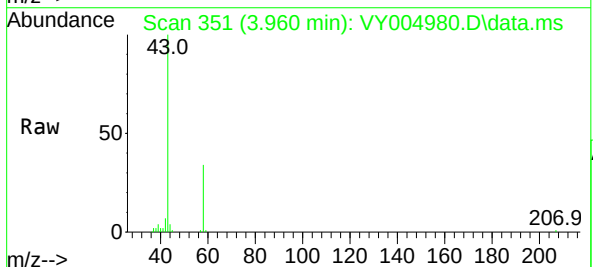
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(26-30)

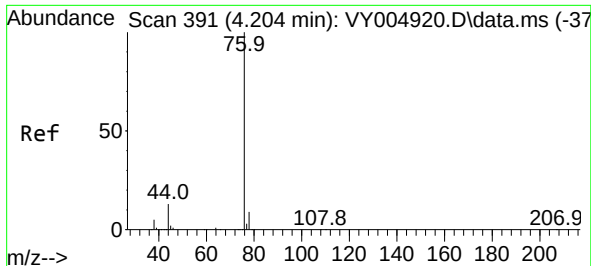
Tgt Ion: 56 Resp: 907
Ion Ratio Lower Upper
56 100
55 88.6 55.4 83.2#



#16
Acetone
Concen: 94.336 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004980.D
Acq: 04 Jun 2021 21:19

Tgt Ion: 43 Resp: 44340
Ion Ratio Lower Upper
43 100
58 33.3 25.3 37.9

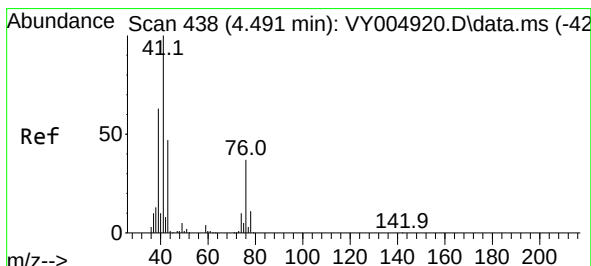
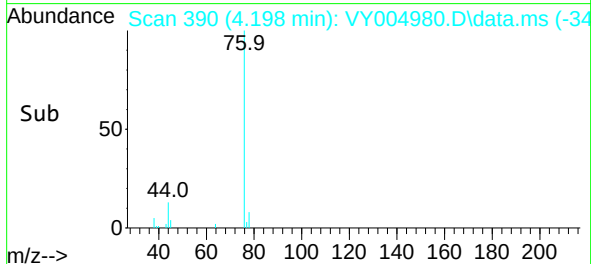
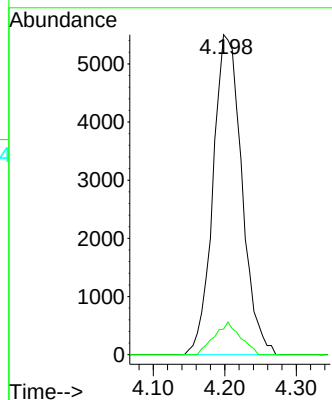
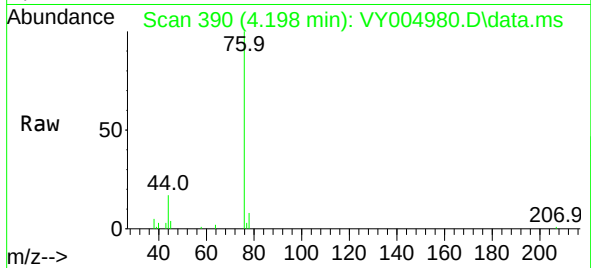




#17
Carbon Disulfide
Concen: 2.634 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004980.D
Acq: 04 Jun 2021 21:19

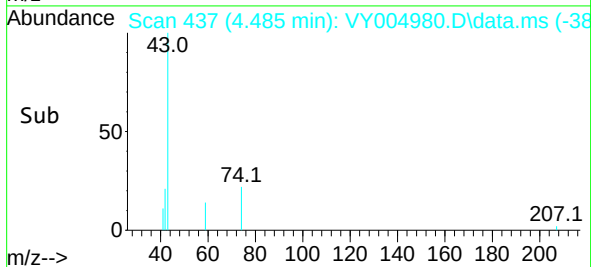
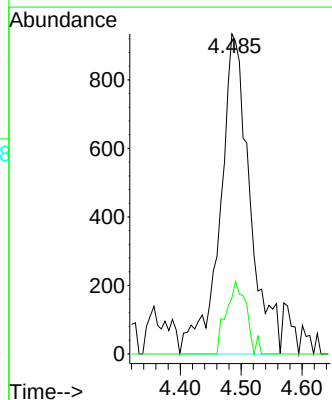
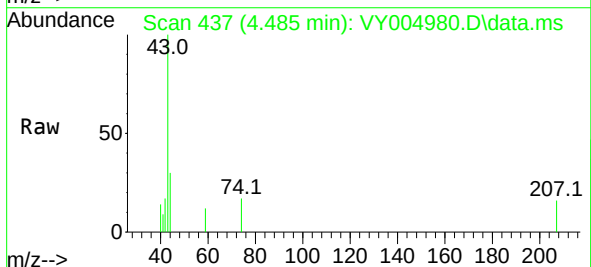
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(26-30)

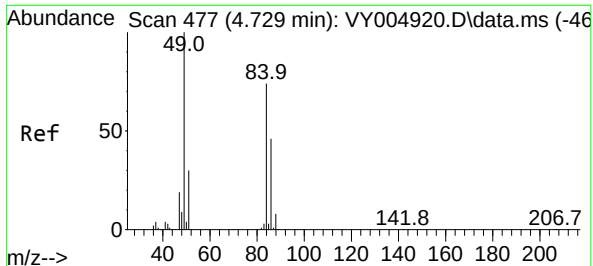
Tgt Ion: 76 Resp: 15373
Ion Ratio Lower Upper
76 100
78 8.0 7.6 11.4



#18
Methyl Acetate
Concen: 2.091 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY004980.D
Acq: 04 Jun 2021 21:19

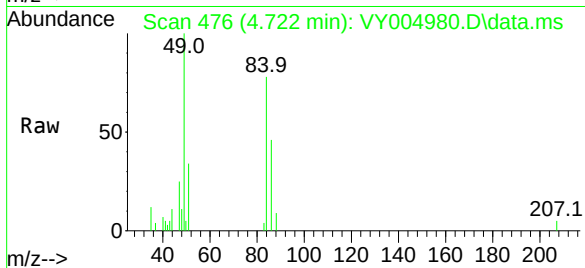
Tgt Ion: 43 Resp: 3149
Ion Ratio Lower Upper
43 100
74 15.4 18.0 27.0#



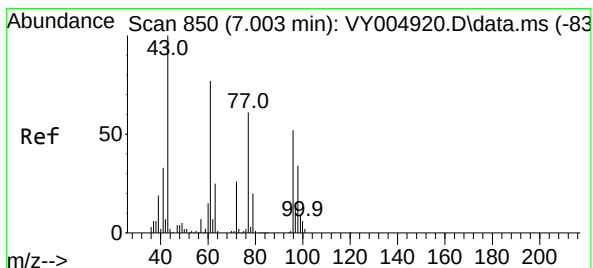
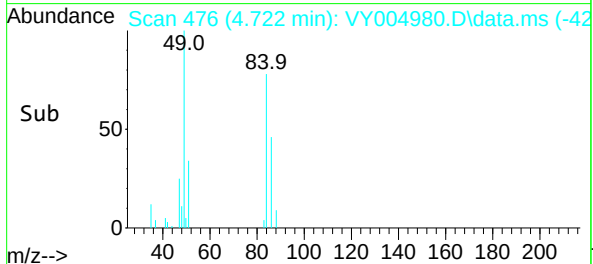
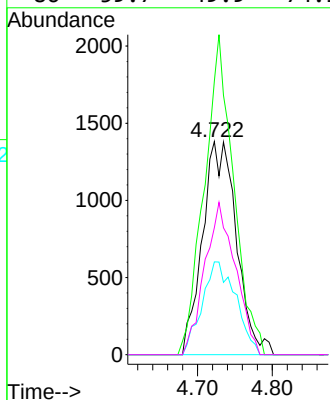


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY004980.D
Acq: 04 Jun 2021 21:19

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(26-30)

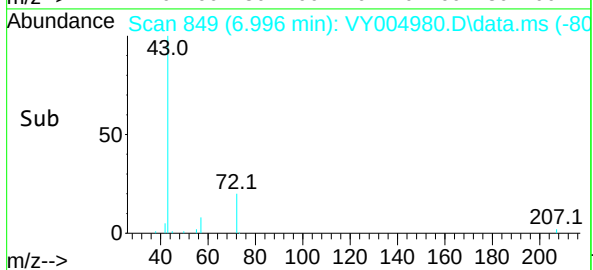
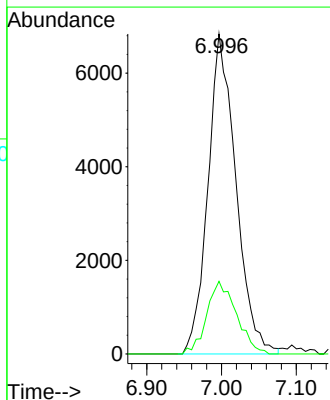
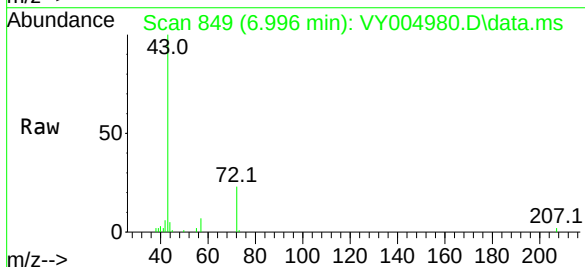


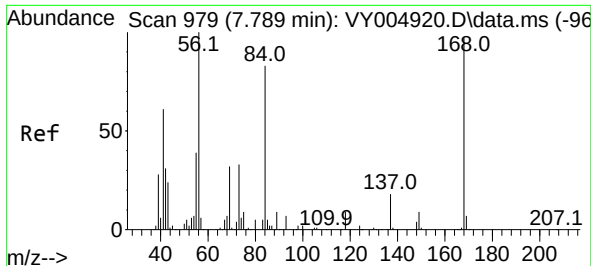
Tgt Ion:	84	Resp:	4368
Ion	Ratio	Lower	Upper
84	100		
49	128.4	108.0	162.0
51	43.6	32.6	48.8
86	59.7	49.9	74.9



#25
2-Butanone
Concen: 22.554 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004980.D
Acq: 04 Jun 2021 21:19

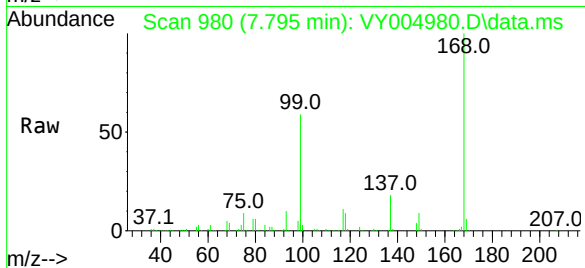
Tgt Ion:	43	Resp:	17826
Ion	Ratio	Lower	Upper
43	100		
72	22.7	20.6	31.0



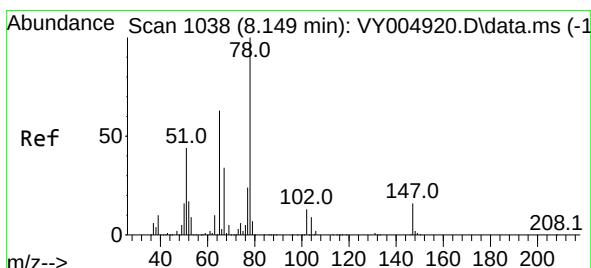
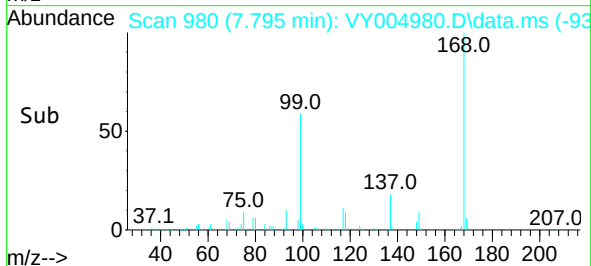
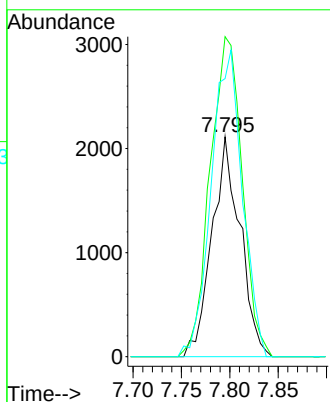


#31
Cyclohexane
Concen: 1.247 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004980.D
Acq: 04 Jun 2021 21:19

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(26-30)

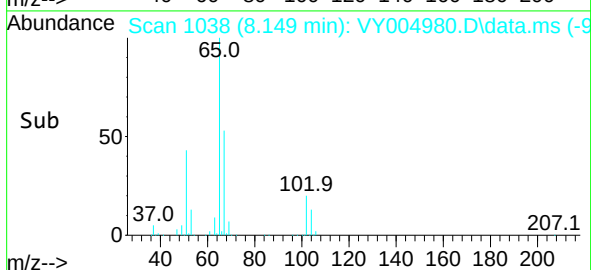
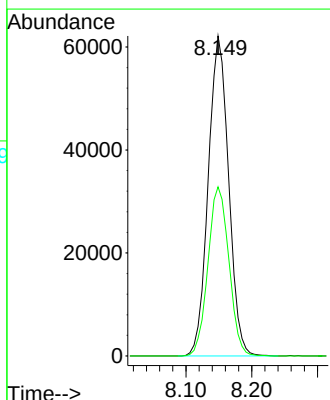
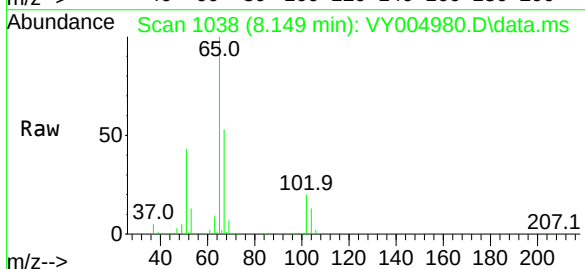


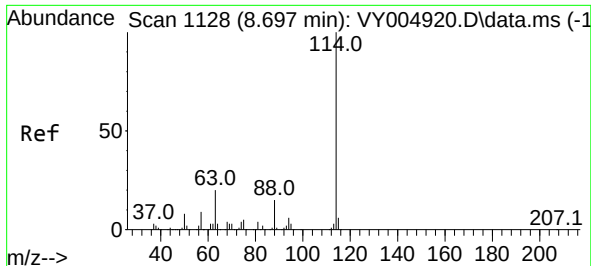
Tgt Ion	Ratio	Lower	Upper
56	100		
69	145.5	25.3	37.9#
84	126.5	66.2	99.4#



#33
1,2-Dichloroethane-d4
Concen: 68.623 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004980.D
Acq: 04 Jun 2021 21:19

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	110.6

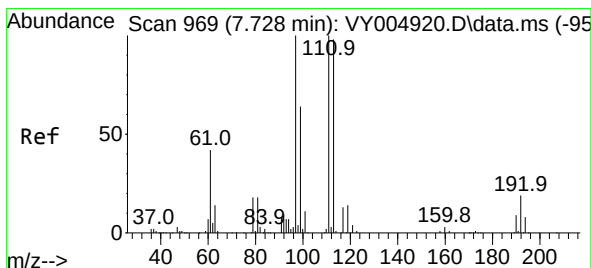
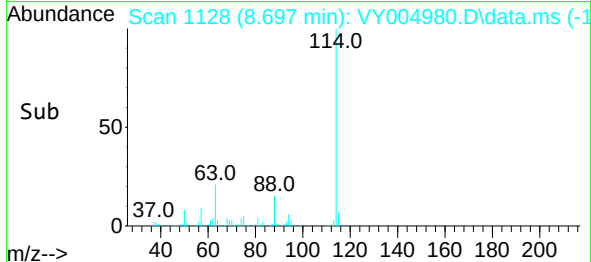
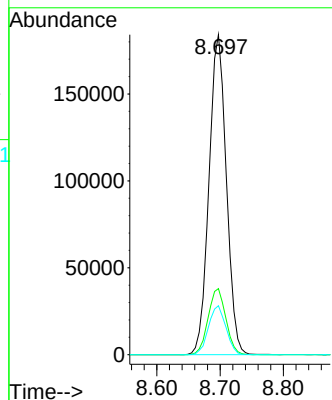
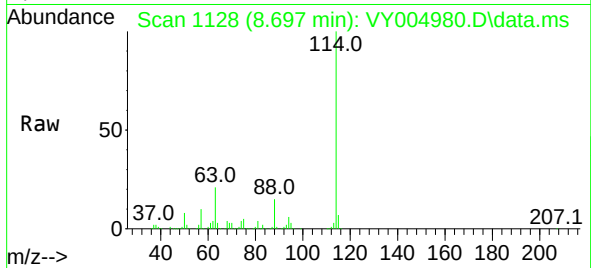




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004980.D
Acq: 04 Jun 2021 21:19

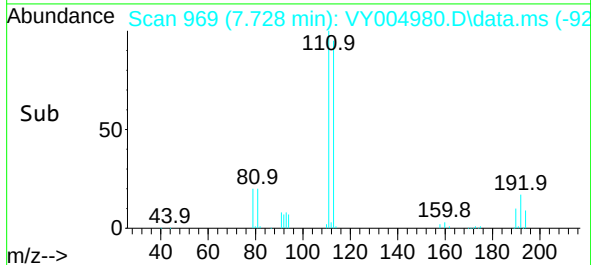
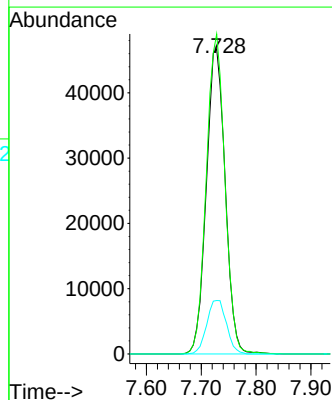
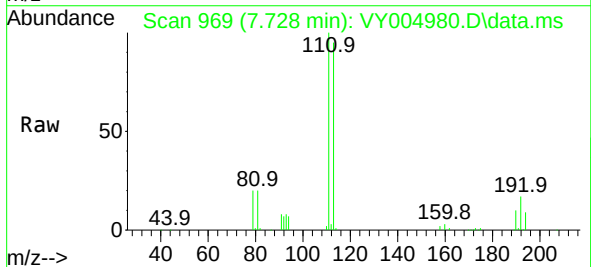
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(26-30)

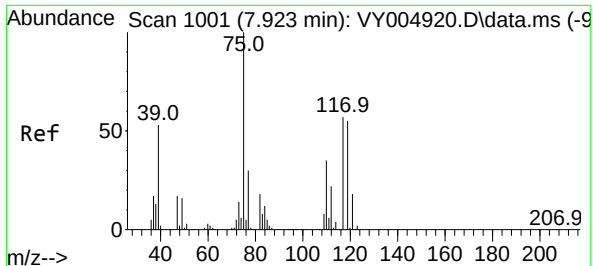
Tgt Ion:	114	Resp:	350991
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	41.0
88	15.3	0.0	30.6



#35
Dibromofluoromethane
Concen: 59.248 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004980.D
Acq: 04 Jun 2021 21:19

Tgt Ion:	113	Resp:	111883
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.8	122.8
192	18.2	15.3	22.9





#36

1,1-Dichloropropene

Concen: 4.518 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY004980.D

Acq: 04 Jun 2021 21:19

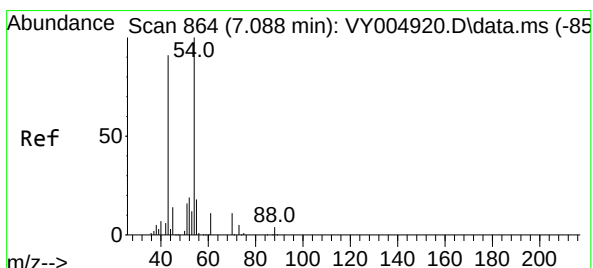
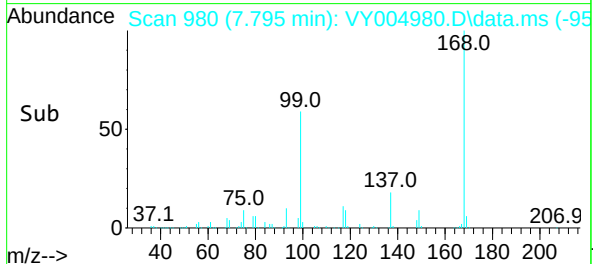
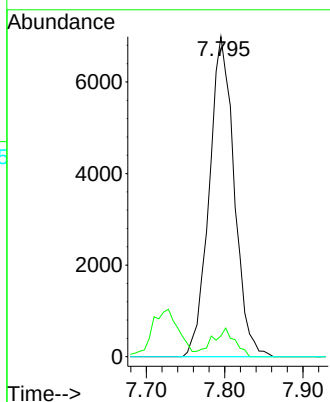
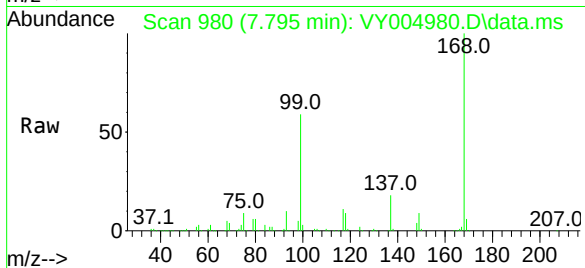
Instrument :

MSVOA_Y

ClientSampleId :

18-B12(26-30)

Tgt Ion:	75	Resp:	15519
Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.5	52.5#
77	0.0	25.1	37.7#



#37

Ethyl Acetate

Concen: 7.889 ug/l

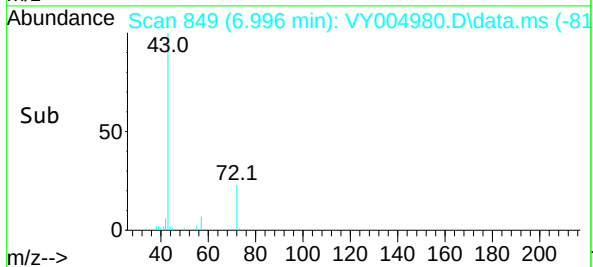
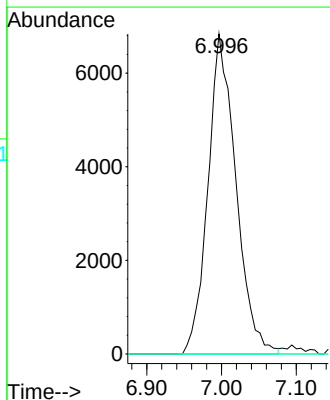
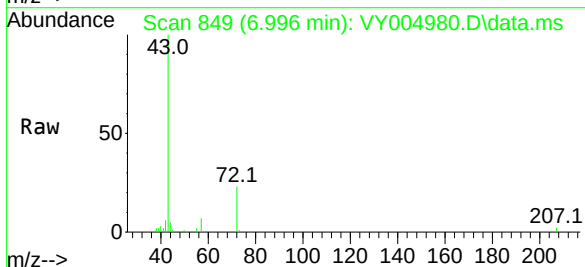
RT: 6.996 min Scan# 849

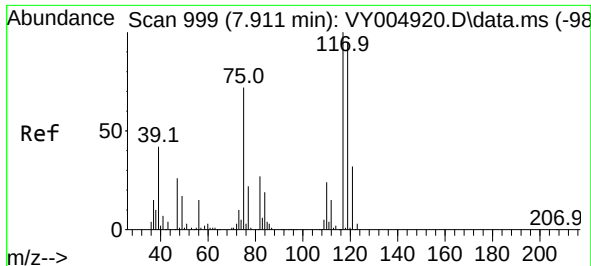
Delta R.T. -0.092 min

Lab File: VY004980.D

Acq: 04 Jun 2021 21:19

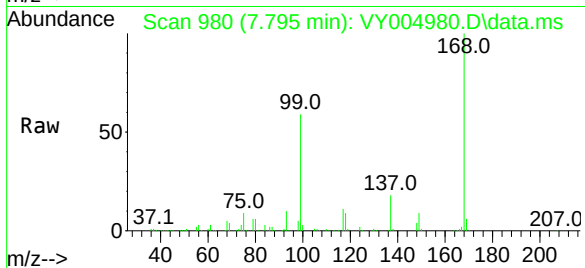
Tgt Ion:	43	Resp:	17826
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.5	15.7#
70	0.0	7.9	11.9#



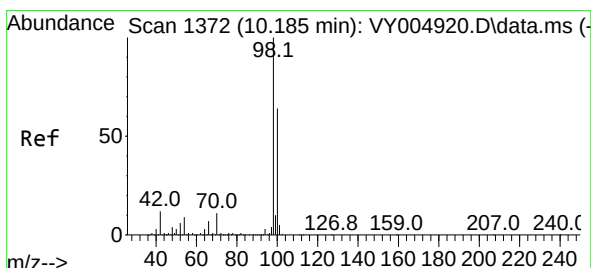
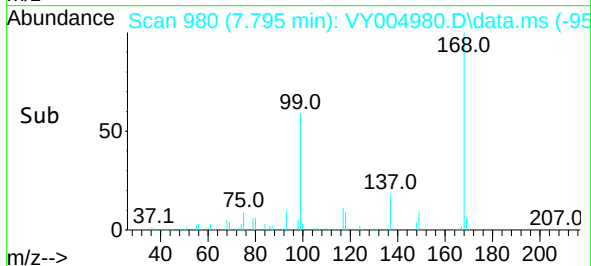
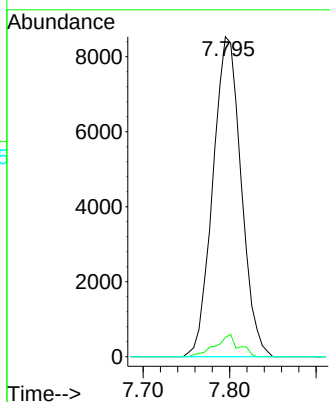


#38
Carbon Tetrachloride
Concen: 6.474 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004980.D
Acq: 04 Jun 2021 21:19

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(26-30)

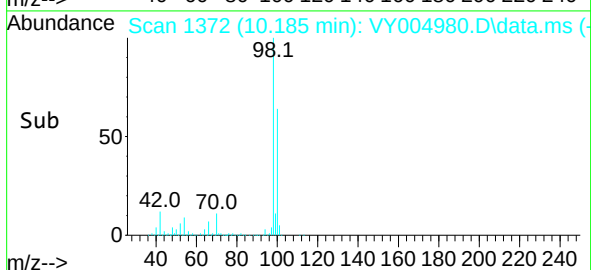
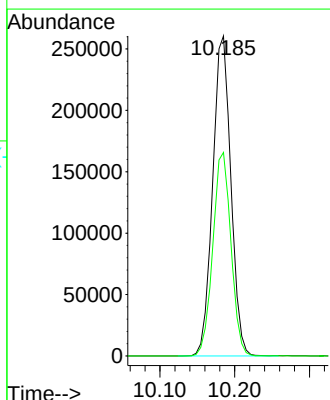
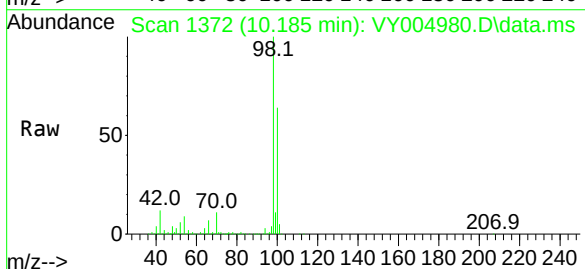


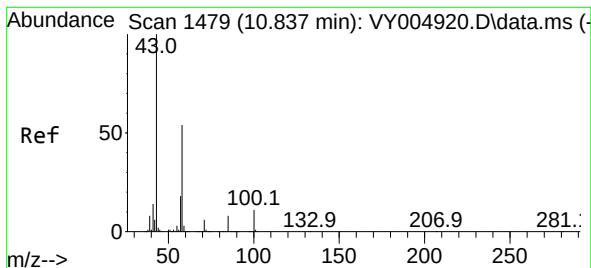
Tgt Ion:117 Resp: 19354
Ion Ratio Lower Upper
117 100
119 6.0 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 56.118 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004980.D
Acq: 04 Jun 2021 21:19

Tgt Ion: 98 Resp: 440118
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6

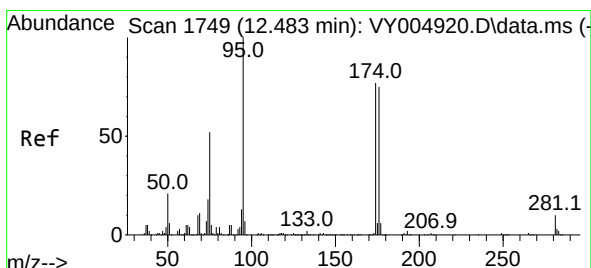
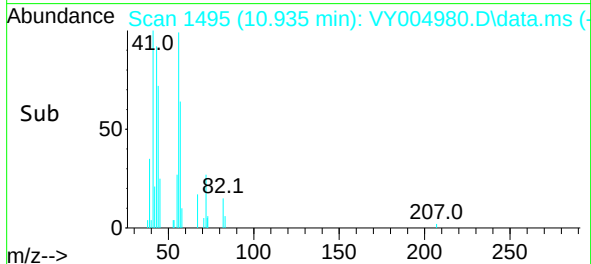
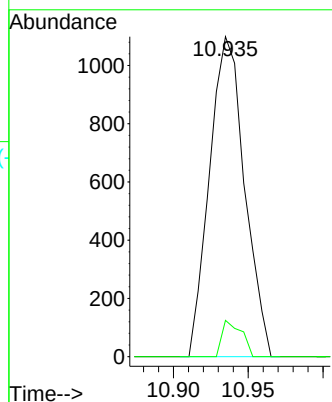
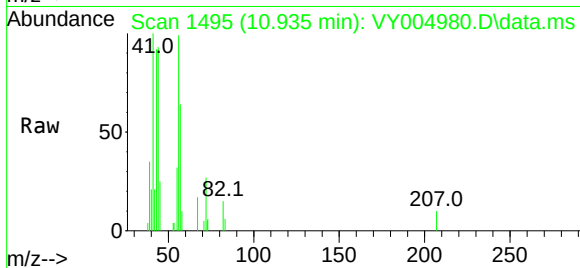




#59
2-Hexanone
Concen: 1.247 ug/l
RT: 10.935 min Scan# 1495
Delta R.T. 0.097 min
Lab File: VY004980.D
Acq: 04 Jun 2021 21:19

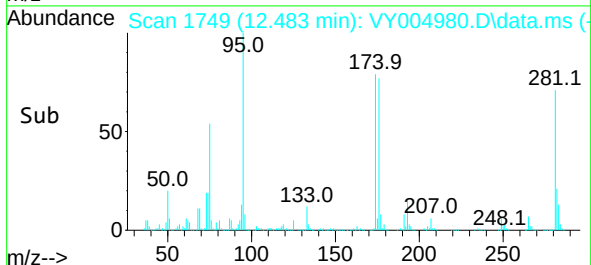
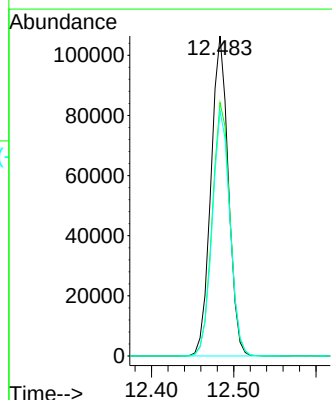
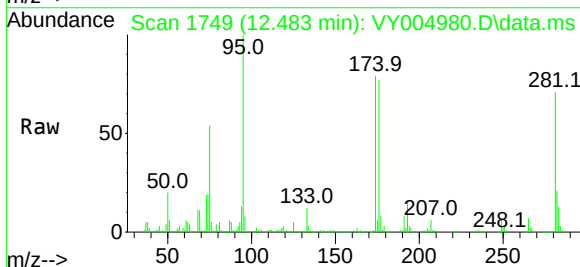
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(26-30)

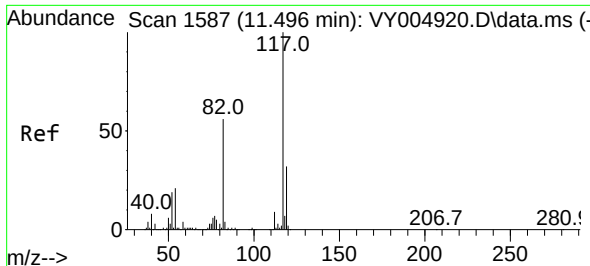
Tgt Ion: 43 Resp: 1792
Ion Ratio Lower Upper
43 100
58 6.3 27.0 80.8#



#62
4-Bromofluorobenzene
Concen: 58.069 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004980.D
Acq: 04 Jun 2021 21:19

Tgt Ion: 95 Resp: 156625
Ion Ratio Lower Upper
95 100
174 80.9 0.0 160.8
176 78.0 0.0 155.6

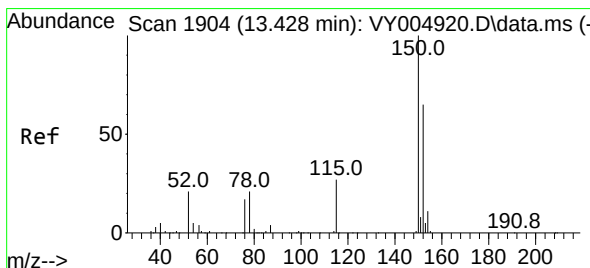
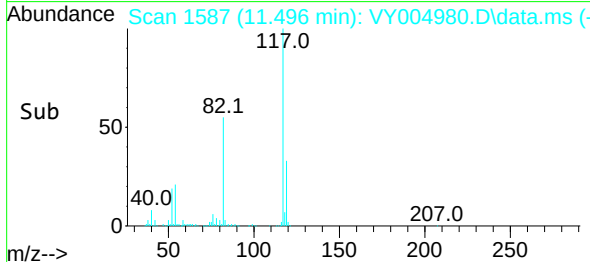
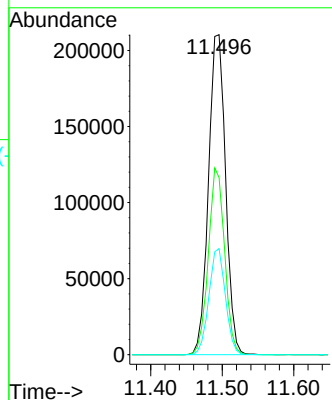
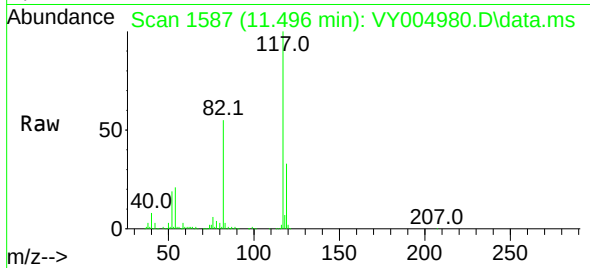




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004980.D
Acq: 04 Jun 2021 21:19

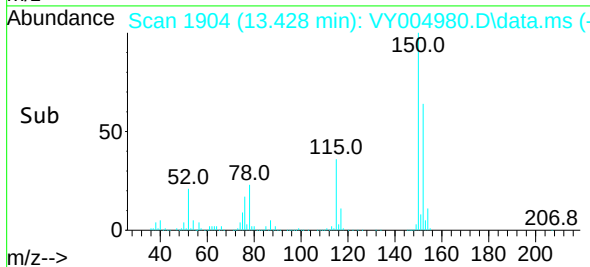
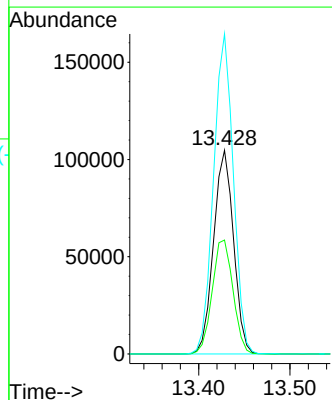
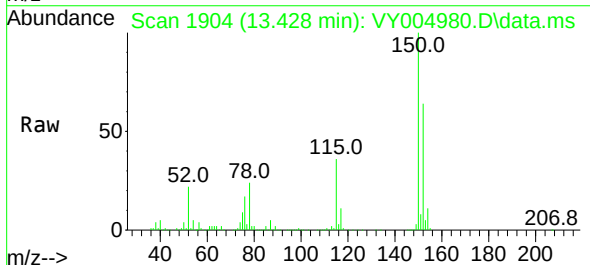
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(26-30)

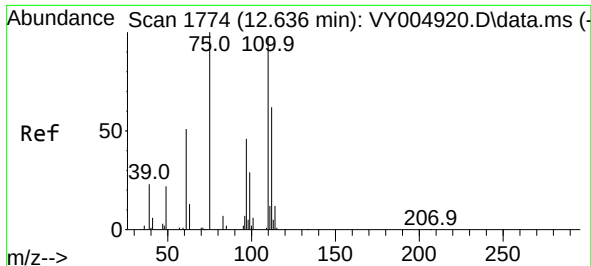
Tgt Ion:117 Resp: 348534
Ion Ratio Lower Upper
117 100
82 55.4 44.8 67.2
119 33.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004980.D
Acq: 04 Jun 2021 21:19

Tgt Ion:152 Resp: 159156
Ion Ratio Lower Upper
152 100
115 58.2 29.9 89.7
150 155.6 0.0 347.8

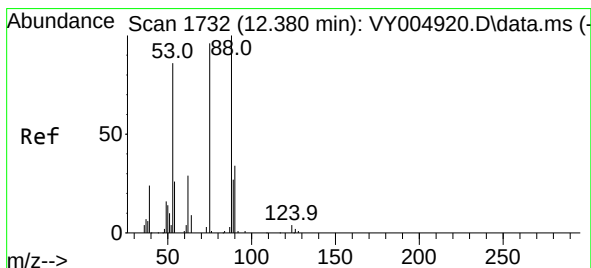
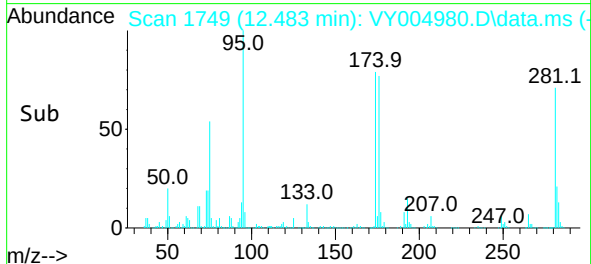
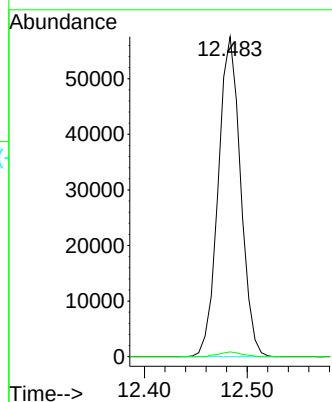
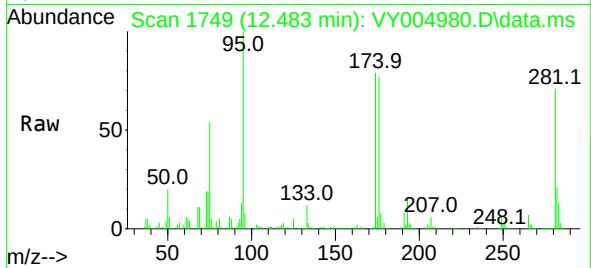




#76
1,2,3-Trichloropropane
Concen: 49.761 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004980.D
Acq: 04 Jun 2021 21:19

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(26-30)

Tgt Ion: 75 Resp: 86816
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.450 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004980.D
Acq: 04 Jun 2021 21:19

Tgt Ion: 75 Resp: 86816
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 2.1 35.0 52.6#

