

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005600.D
 Acq On : 10 Aug 2021 16:59
 Operator : SY/MD
 Sample : M3333-05
 Misc : 3.85G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 11 03:38:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

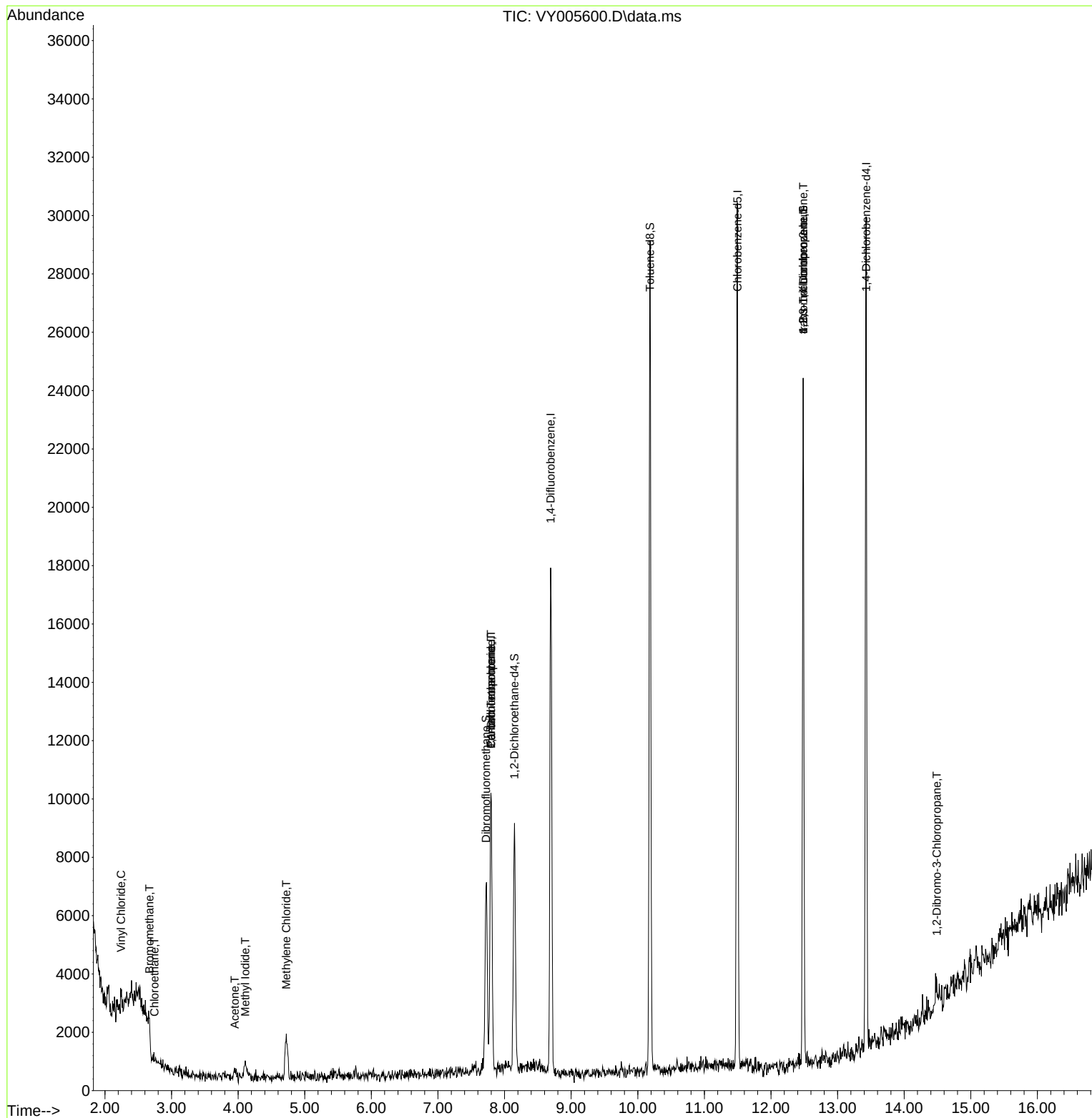
Internal Standards						
1) Pentafluorobenzene	7.795	168	7987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	15592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	16144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	7026	86.90	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 173.80%#			
35) Dibromofluoromethane	7.722	113	4258	48.78	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.56%			
50) Toluene-d8	10.185	98	18309	50.01	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.02%			
62) 4-Bromofluorobenzene	12.483	95	6635	54.73	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.46%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.241	62	157	1.67	ug/l #	42
5) Bromomethane	2.668	94	83	1.34	ug/l #	37
6) Chloroethane	2.741	64	61	1.08	ug/l #	42
10) Methyl Iodide	4.107	142	817	9.62	ug/l #	87
16) Acetone	3.948	43	378	18.54	ug/l #	45
20) Methylene Chloride	4.723	84	1167	9.54	ug/l #	58
36) 1,1-Dichloropropene	7.795	75	611	4.18	ug/l #	41
38) Carbon Tetrachloride	7.795	117	758	4.77	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	3702	49.57	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3702	99.92	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.489	75	36	1.96	ug/l #	1

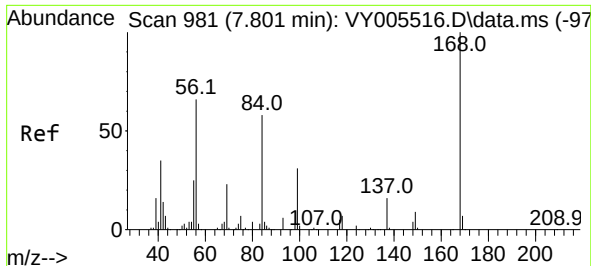
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

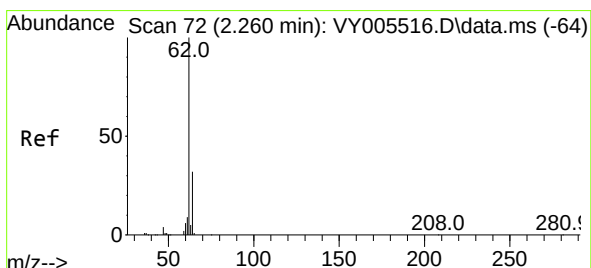
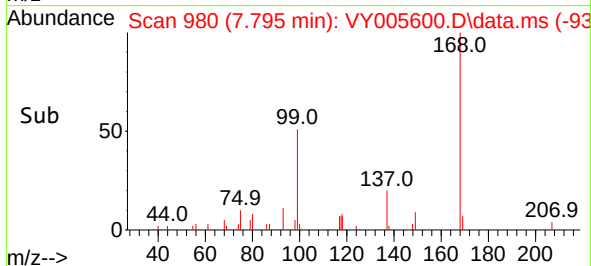
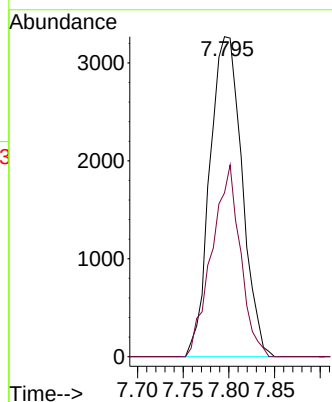
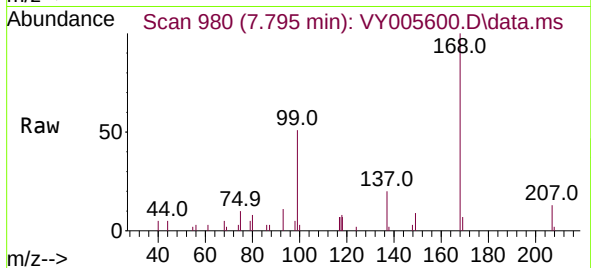




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

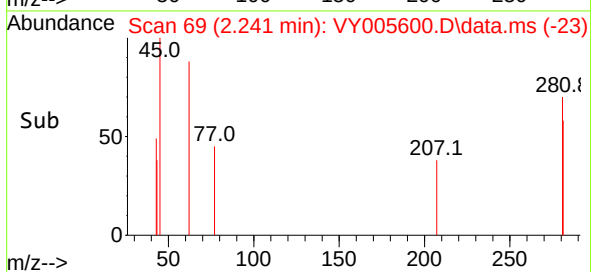
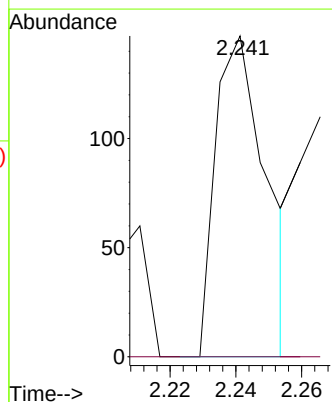
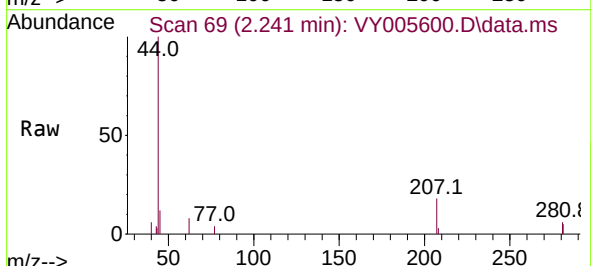
Instrument :
MSVOA_Y
ClientSampled :

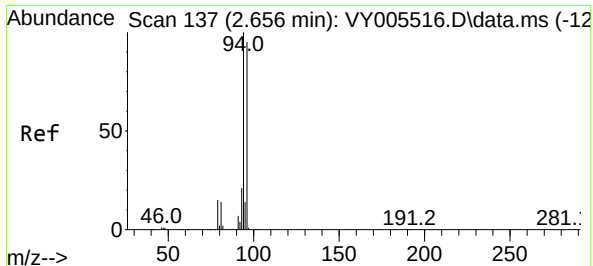
Tgt Ion:168 Resp: 7987
Ion Ratio Lower Upper
168 100
99 51.2 38.9 58.3



#4
Vinyl Chloride
Concen: 1.67 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.018 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

Tgt Ion: 62 Resp: 157
Ion Ratio Lower Upper
62 100
64 0.0 25.9 38.9#

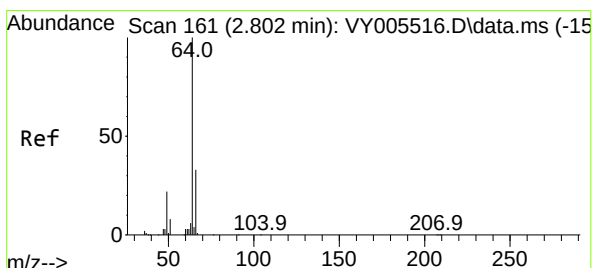
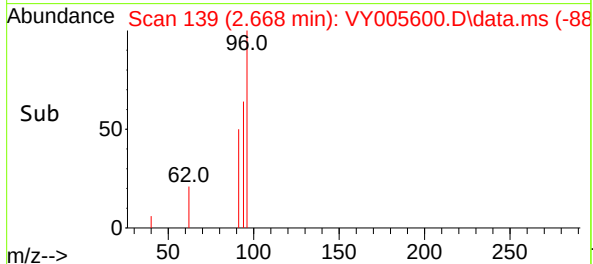
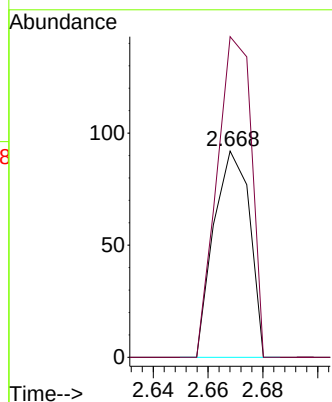
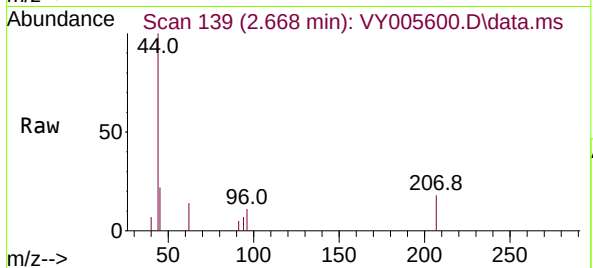




#5
Bromomethane
Concen: 1.34 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

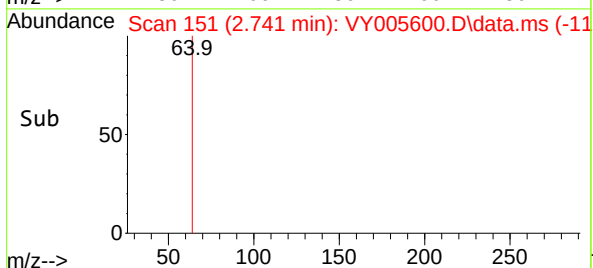
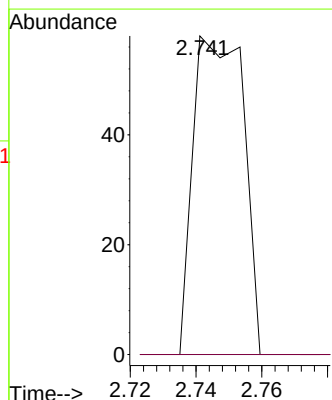
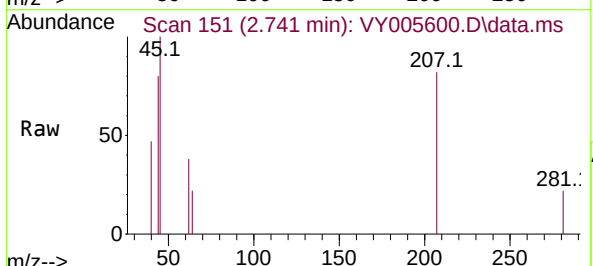
Instrument :
MSVOA_Y
ClientSampled :

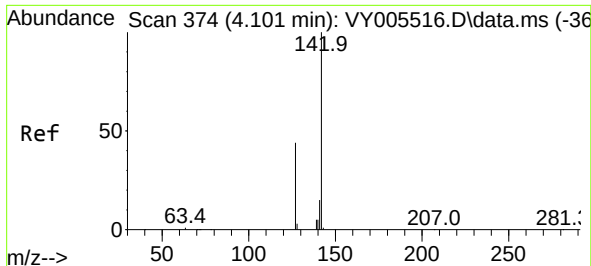
Tgt Ion: 94 Resp: 83
Ion Ratio Lower Upper
94 100
96 155.4 75.7 113.5#



#6
Chloroethane
Concen: 1.08 ug/l
RT: 2.741 min Scan# 151
Delta R.T. -0.061 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

Tgt Ion: 64 Resp: 61
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#





#10

Methyl Iodide

Concen: 9.62 ug/l

RT: 4.107 min Scan# 375

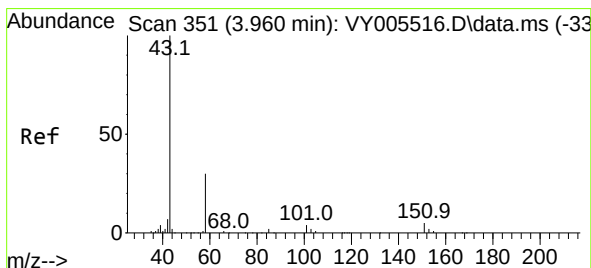
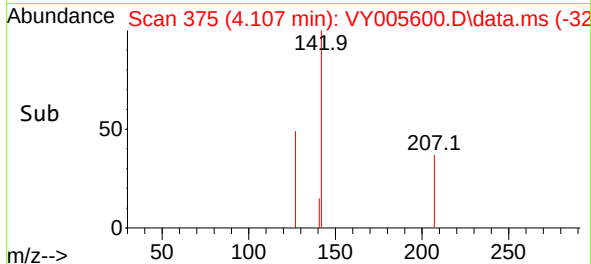
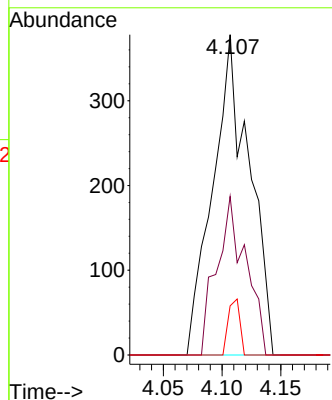
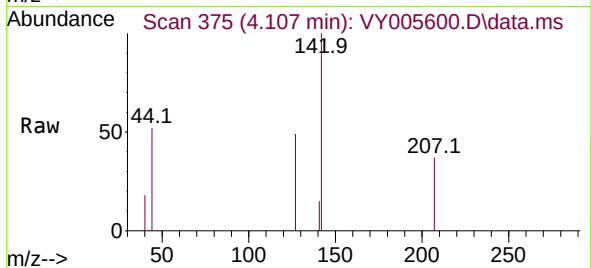
Delta R.T. 0.006 min

Lab File: VY005600.D

Acq: 10 Aug 2021 16:59

Tgt Ion:	142	Resp:	817
Ion	Ratio	Lower	Upper
142	100		
127	39.5	36.6	54.8
141	5.5	12.2	18.4#

Instrument :
MSVOA_Y
ClientSampled :



#16

Acetone

Concen: 18.54 ug/l

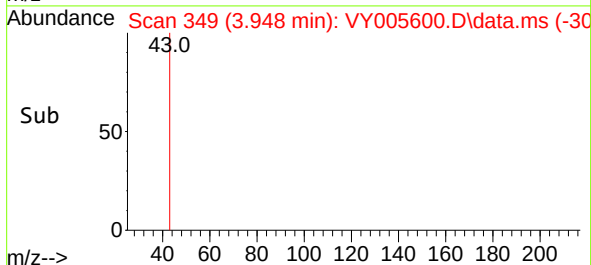
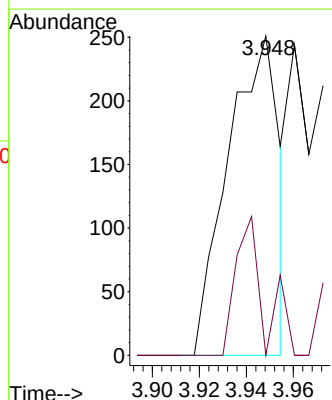
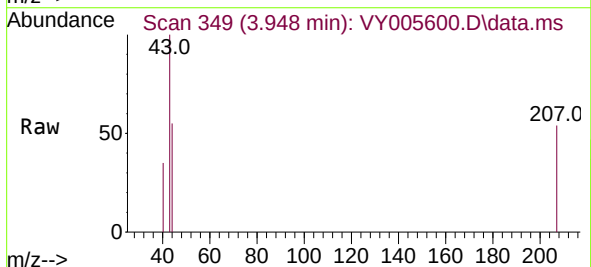
RT: 3.948 min Scan# 349

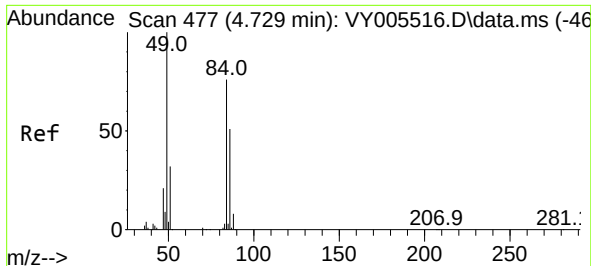
Delta R.T. -0.012 min

Lab File: VY005600.D

Acq: 10 Aug 2021 16:59

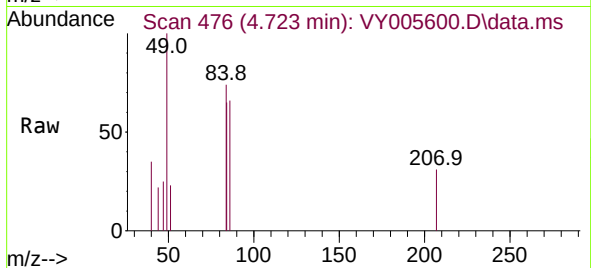
Tgt Ion:	43	Resp:	378
Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.8	35.6#



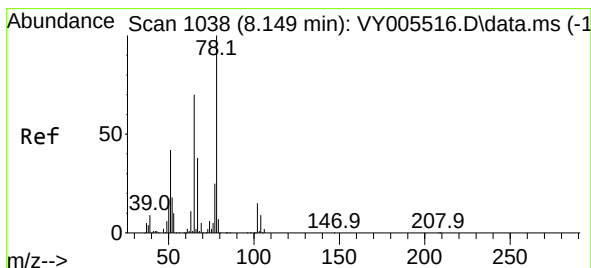
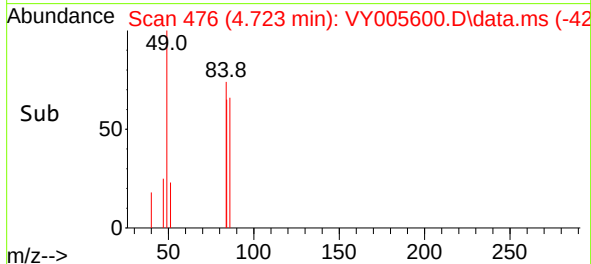
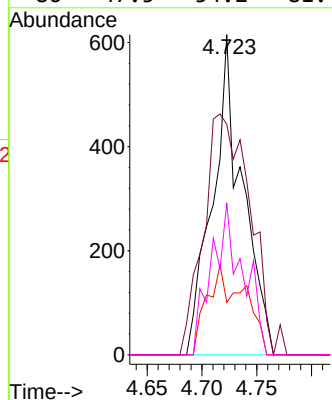


#20
Methylene Chloride
Concen: 9.54 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

Instrument :
MSVOA_Y
ClientSampled :

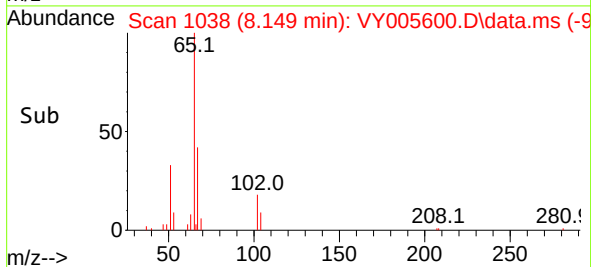
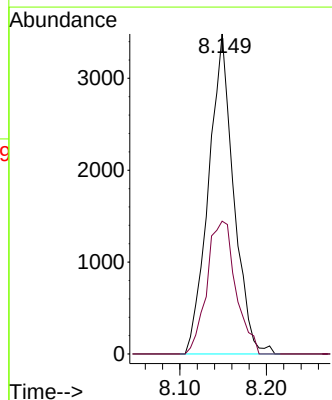
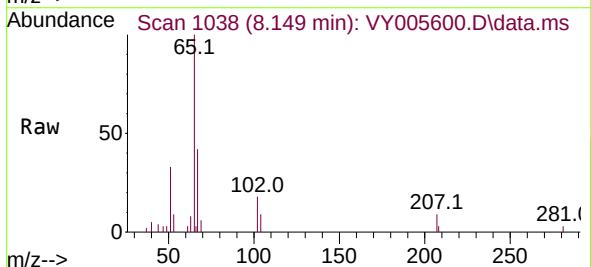


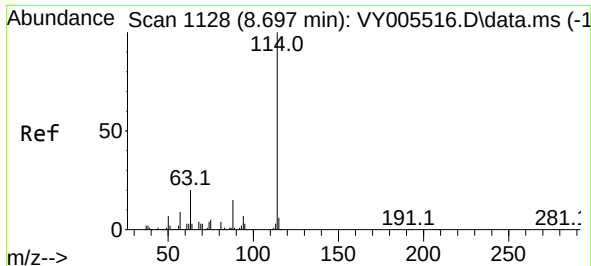
Tgt Ion: 84 Resp: 1167
Ion Ratio Lower Upper
84 100
49 72.0 105.8 158.6#
51 16.4 33.4 50.2#
86 47.5 54.2 81.4#



#33
1,2-Dichloroethane-d4
Concen: 86.90 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

Tgt Ion: 65 Resp: 7026
Ion Ratio Lower Upper
65 100
67 47.5 0.0 103.4

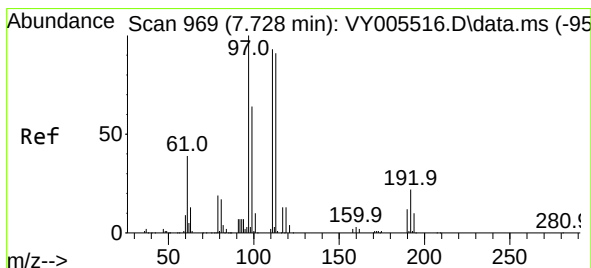
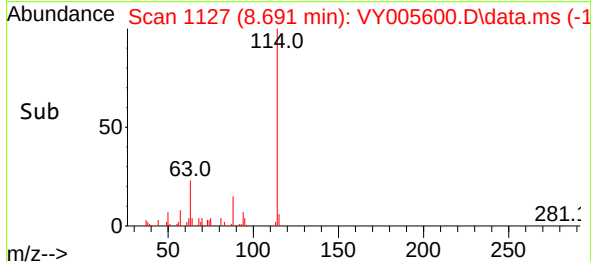
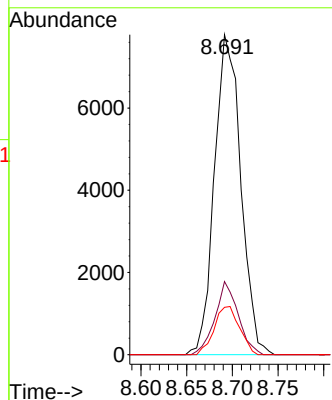
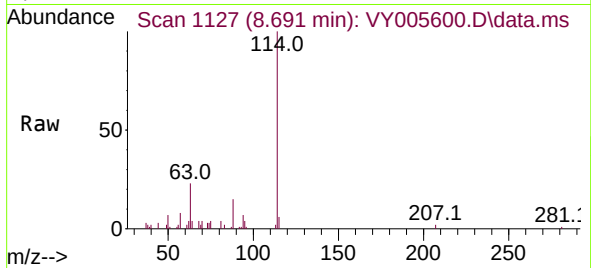




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

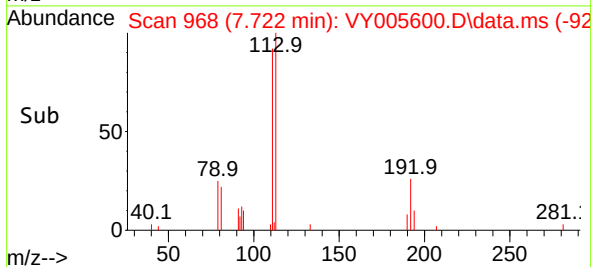
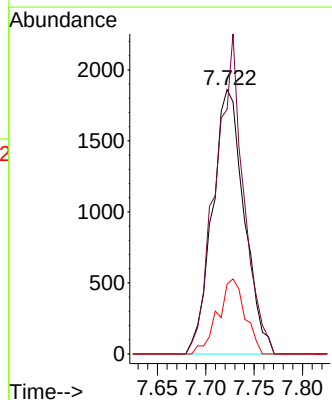
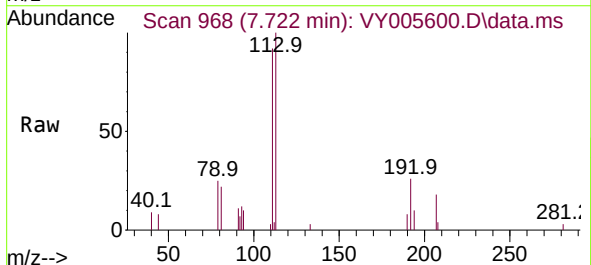
Instrument :
MSVOA_Y
ClientSampleId :

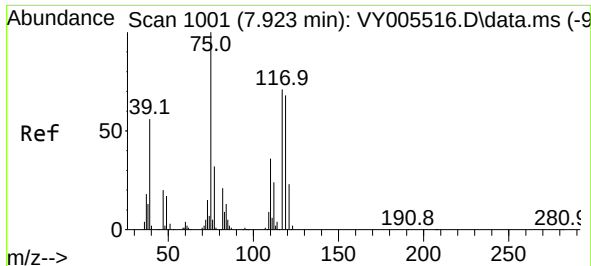
Tgt Ion:	114	Resp:	15592
Ion Ratio	Lower	Upper	
114	100		
63	22.9	0.0	39.2
88	14.8	0.0	30.8



#35
Dibromofluoromethane
Concen: 48.78 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

Tgt Ion:	113	Resp:	4258
Ion Ratio	Lower	Upper	
113	100		
111	106.2	81.9	122.9
192	24.2	19.2	28.8

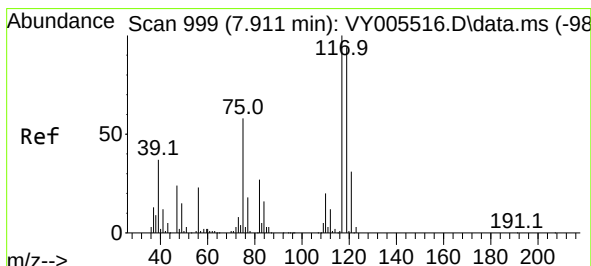
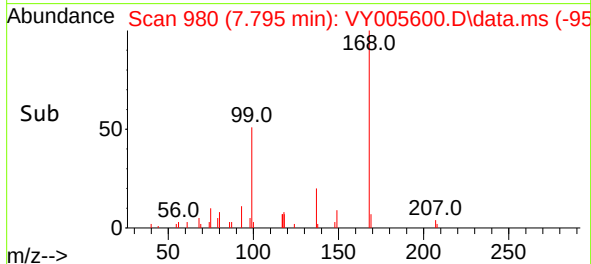
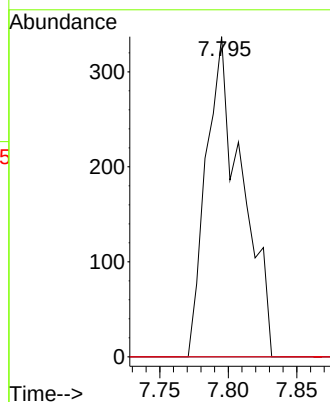
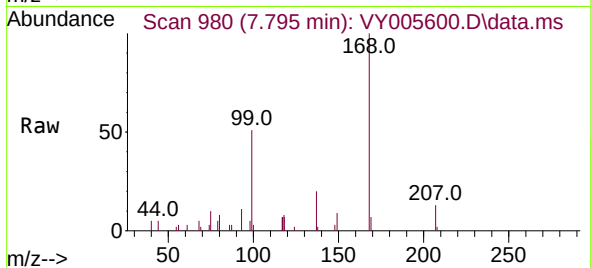




#36
1,1-Dichloropropene
Concen: 4.18 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

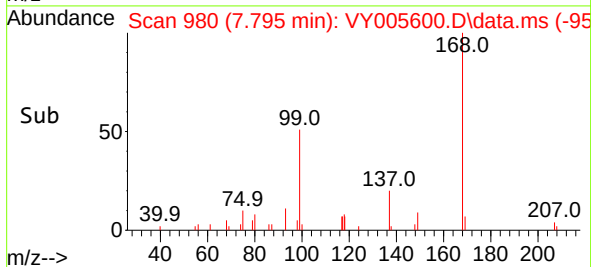
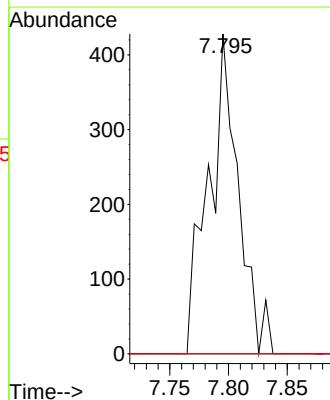
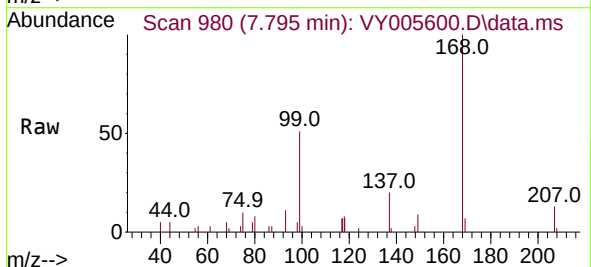
Instrument :
MSVOA_Y
ClientSampleId :

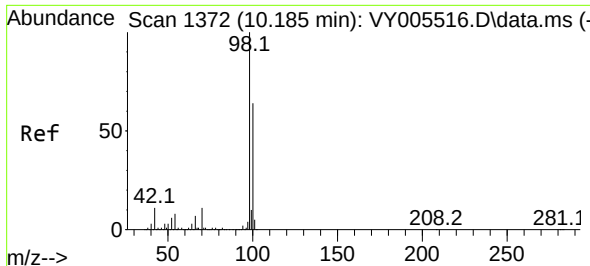
Tgt Ion: 75	Resp:	611
Ion Ratio	Lower	Upper
75	100	
110	0.0	18.1 54.1#
77	0.0	25.1 37.7#



#38
Carbon Tetrachloride
Concen: 4.77 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

Tgt Ion: 117	Resp:	758
Ion Ratio	Lower	Upper
117	100	
119	0.0	75.4 113.0#
121	0.0	25.1 37.7#

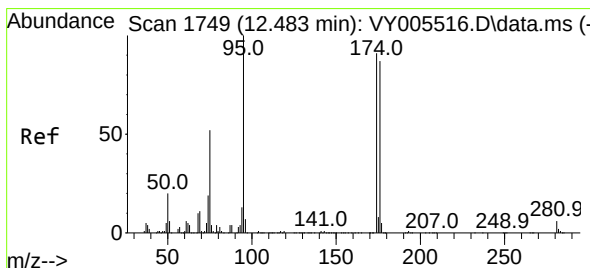
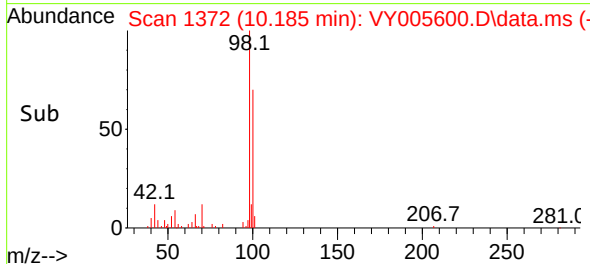
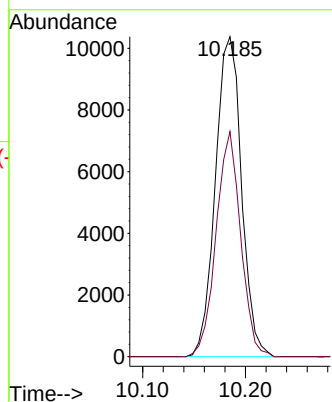
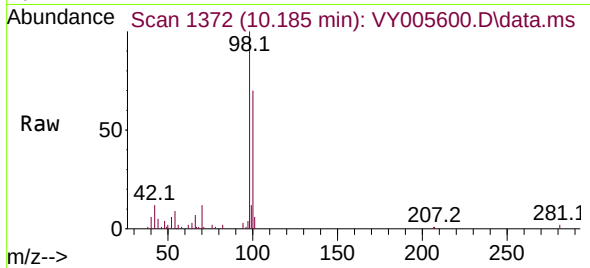




#50
Toluene-d8
Concen: 50.01 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

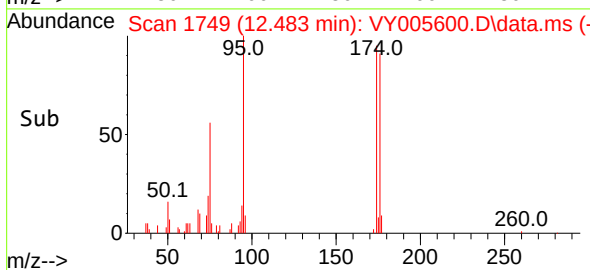
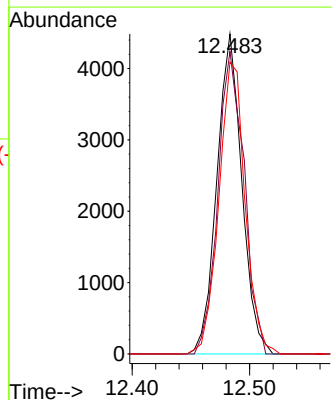
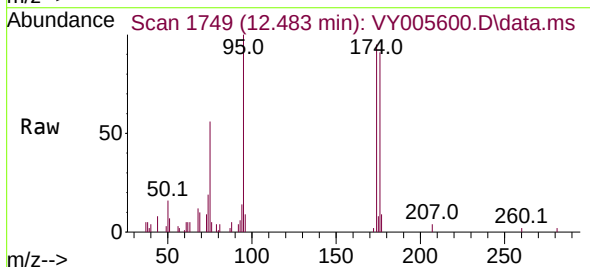
Instrument :
MSVOA_Y
ClientSampled :

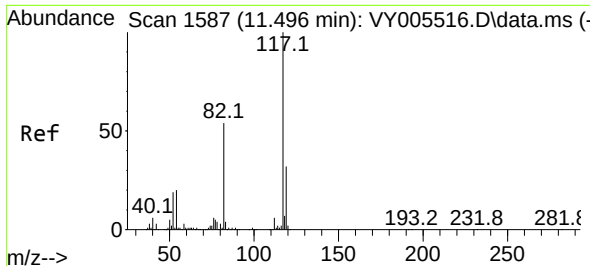
Tgt Ion: 98 Resp: 18309
Ion Ratio Lower Upper
98 100
100 66.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 54.73 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

Tgt Ion: 95 Resp: 6635
Ion Ratio Lower Upper
95 100
174 98.6 0.0 191.4
176 95.7 0.0 183.6

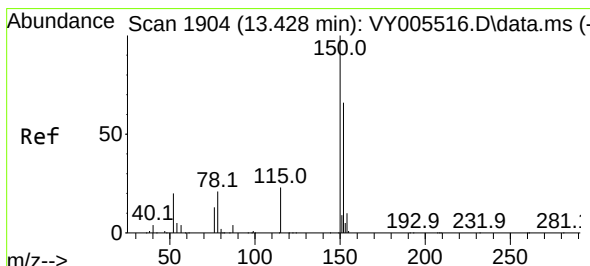
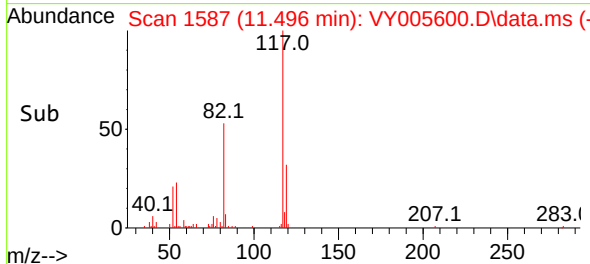
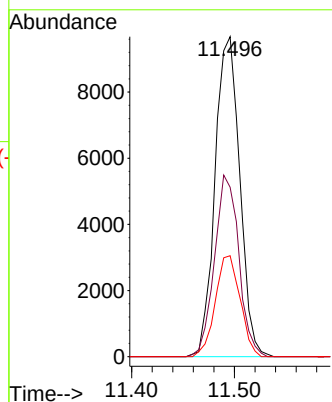
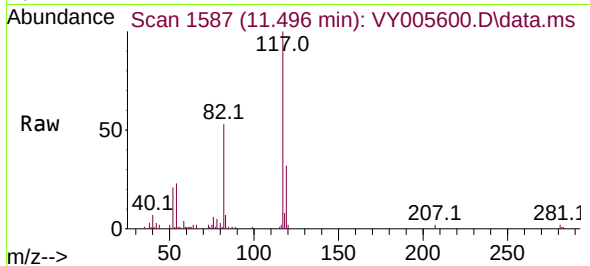




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

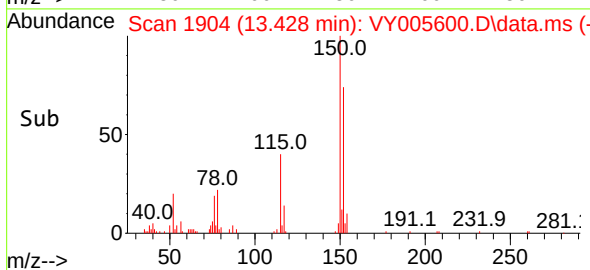
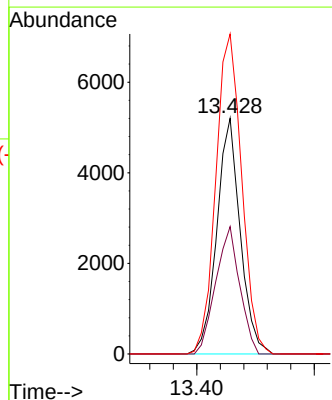
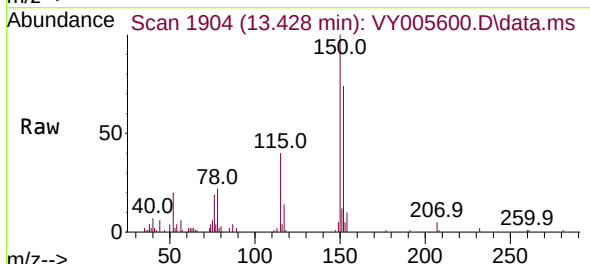
Instrument :
MSVOA_Y
ClientSampled :

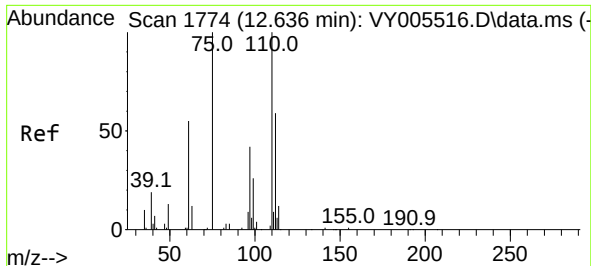
Tgt Ion:	117	Resp:	16144
Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.5	65.3
119	31.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

Tgt Ion:	152	Resp:	7207
Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.3	81.9
150	149.3	0.0	350.2

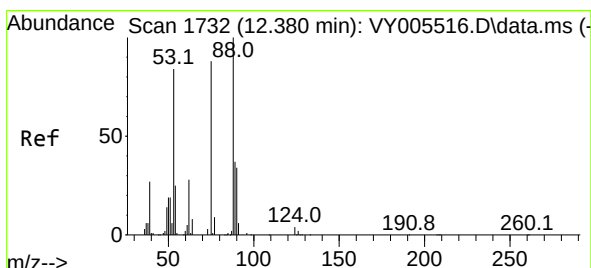
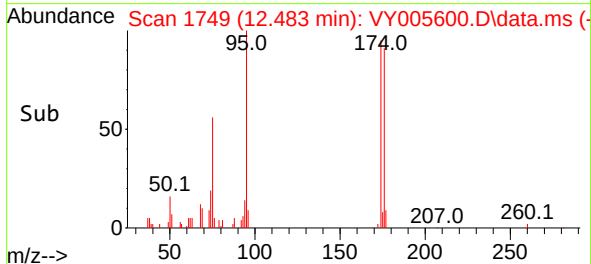
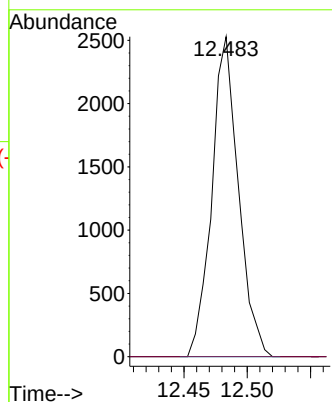
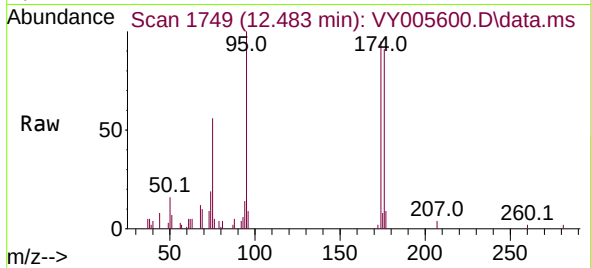




#76
1,2,3-Trichloropropane
Concen: 49.57 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

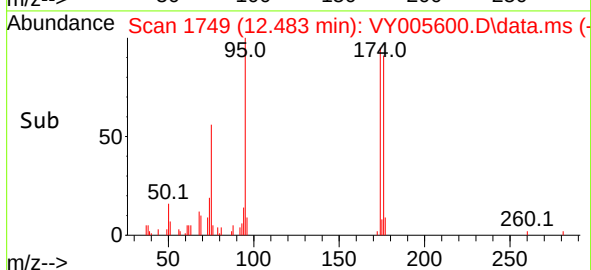
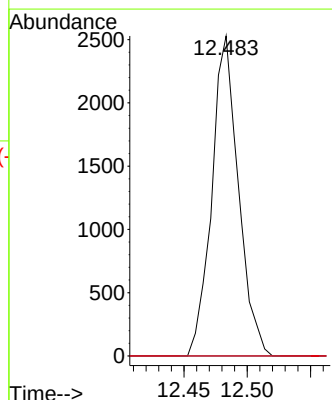
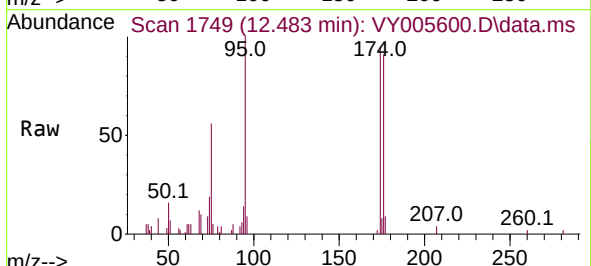
Instrument :
MSVOA_Y
ClientSampled :

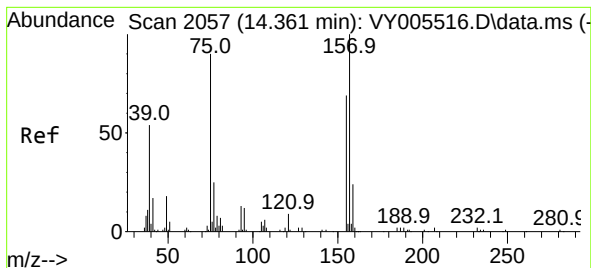
Tgt Ion: 75 Resp: 3702
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 99.92 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005600.D
Acq: 10 Aug 2021 16:59

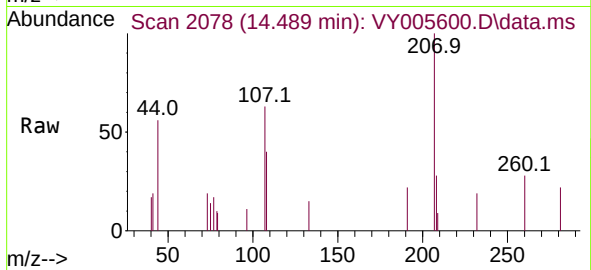
Tgt Ion: 75 Resp: 3702
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.96 ug/l
 RT: 14.489 min Scan# 2078
 Delta R.T. 0.128 min
 Lab File: VY005600.D
 Acq: 10 Aug 2021 16:59

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 36
 Ion Ratio Lower Upper
 75 100
 155 0.0 42.4 127.1#
 157 0.0 56.0 168.2#

