

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
 Data File : VY004771.D
 Acq On : 14 May 2021 02:01
 Operator : SY/MD
 Sample : M2392-10
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 14 02:30:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

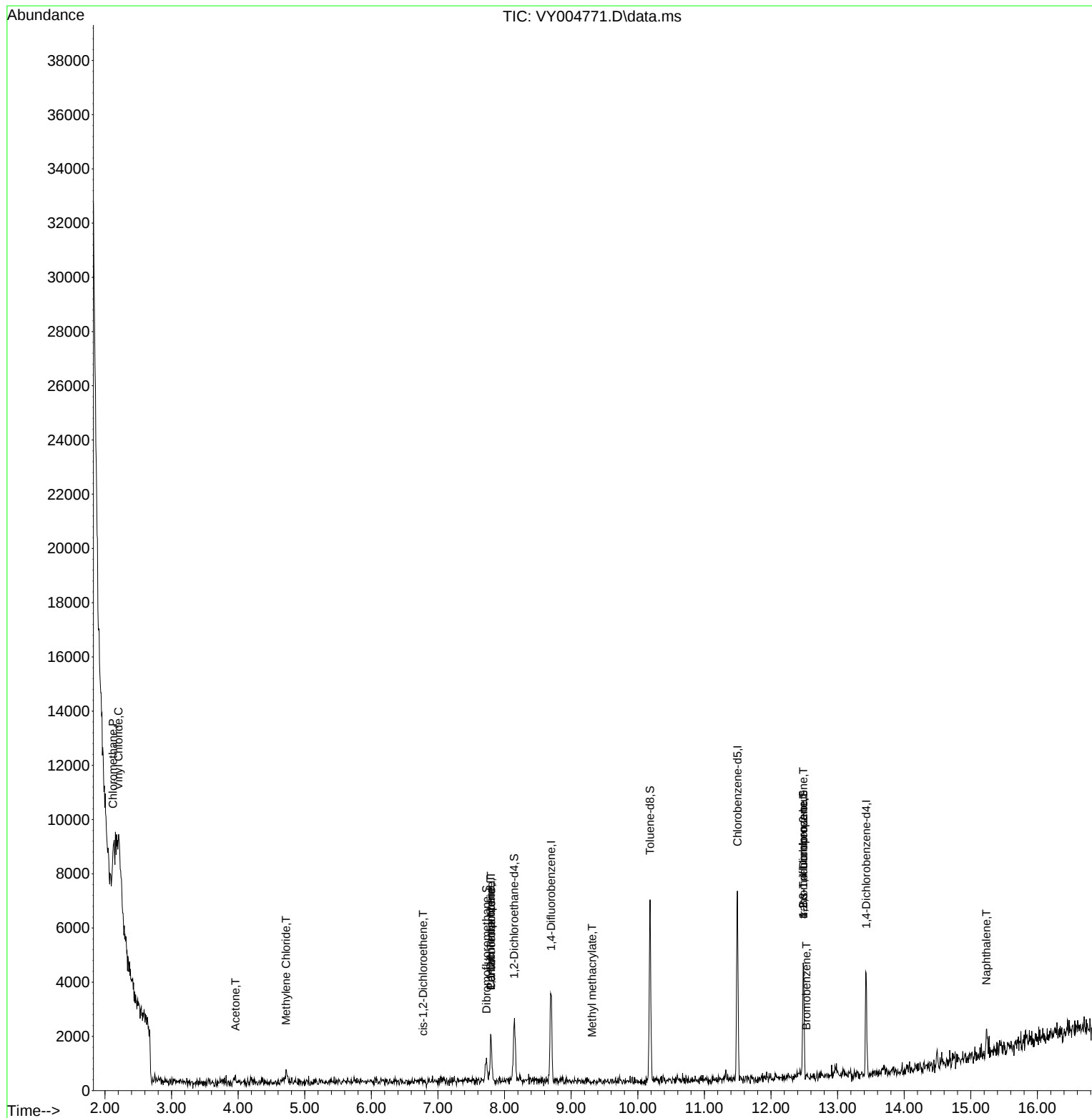
Internal Standards						
1) Pentafluorobenzene	7.795	168	1447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	3312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1134	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1922	111.59	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 223.18%#			
35) Dibromofluoromethane	7.728	113	682	37.61	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 75.22%			
50) Toluene-d8	10.185	98	4222	51.55	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.10%			
62) 4-Bromofluorobenzene	12.483	95	1324	47.89	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.78%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	159	7.40	ug/l #	43
4) Vinyl Chloride	2.205	62	302	13.74	ug/l #	43
16) Acetone	3.960	43	100	25.85	ug/l #	45
20) Methylene Chloride	4.716	84	301	9.95	ug/l #	77
27) cis-1,2-Dichloroethene	6.777	96	19	1.05	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	46	1.36	ug/l #	42
38) Carbon Tetrachloride	7.795	117	128	4.20	ug/l #	12
48) Methyl methacrylate	9.313	41	47	2.39	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	850	70.57	ug/l #	100
77) Bromobenzene	12.532	156	60	3.11	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	850	122.36	ug/l #	13
95) Naphthalene	15.233	128	1081	23.20	ug/l #	76

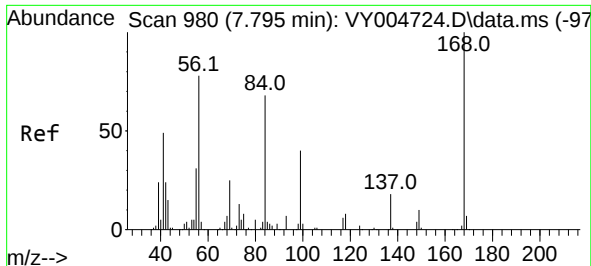
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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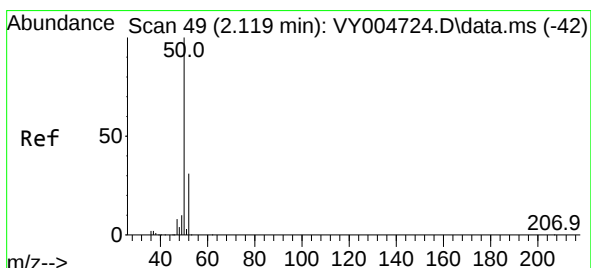
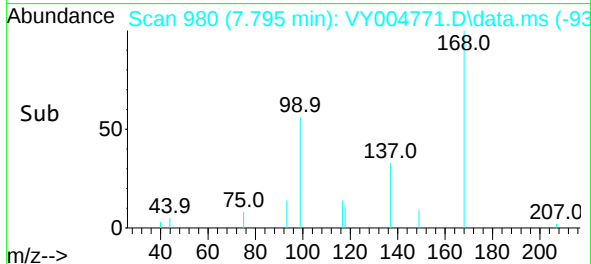
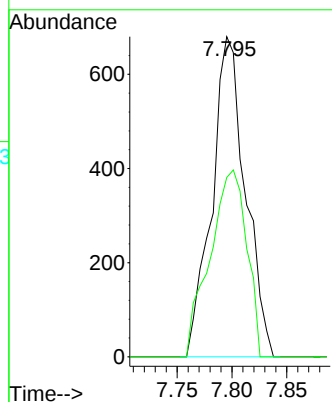
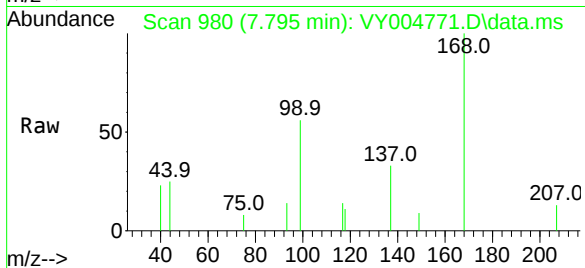




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004771.D
Acq: 14 May 2021 02:01

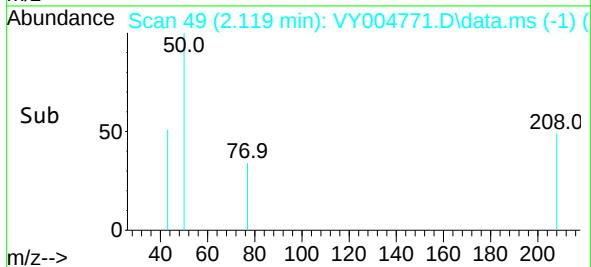
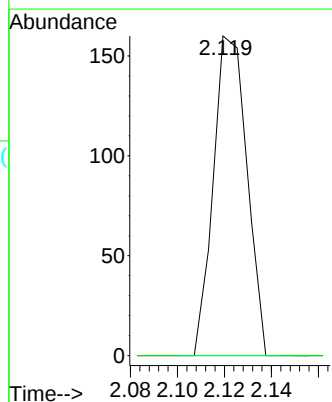
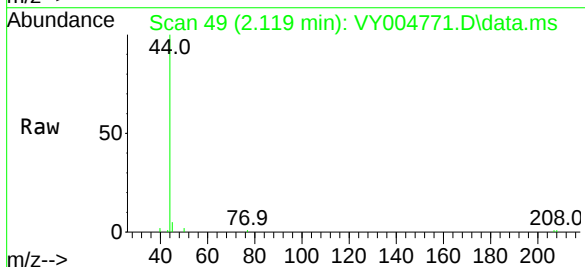
Instrument :
MSVOA_Y
ClientSampled :

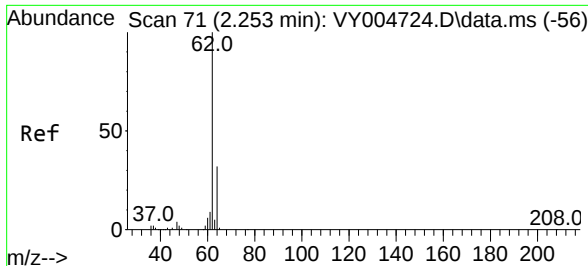
Tgt Ion:168 Resp: 1447
Ion Ratio Lower Upper
168 100
99 56.0 45.6 68.4



#3
Chloromethane
Concen: 7.40 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004771.D
Acq: 14 May 2021 02:01

Tgt Ion: 50 Resp: 159
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.6#

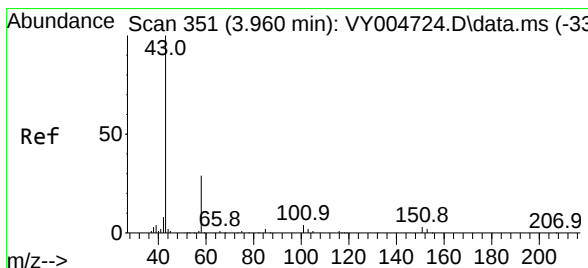
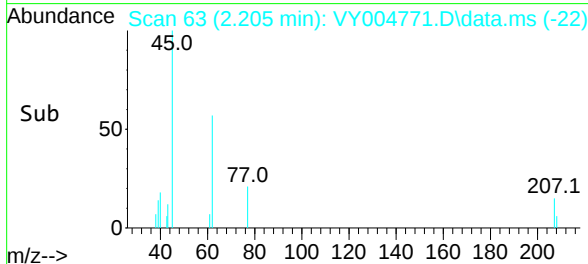
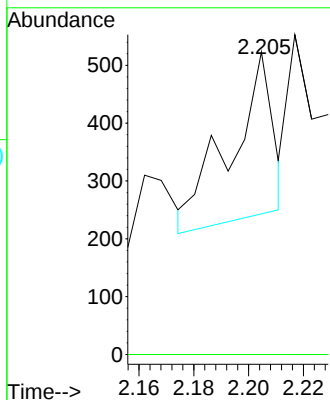
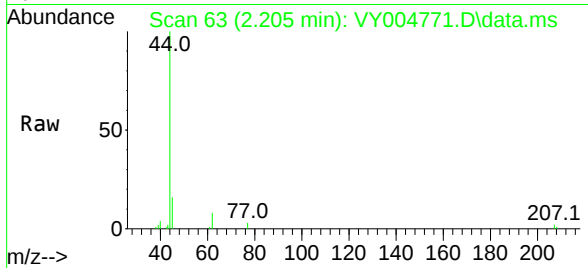




#4
 Vinyl Chloride
 Concen: 13.74 ug/l
 RT: 2.205 min Scan# 63
 Delta R.T. -0.049 min
 Lab File: VY004771.D
 Acq: 14 May 2021 02:01

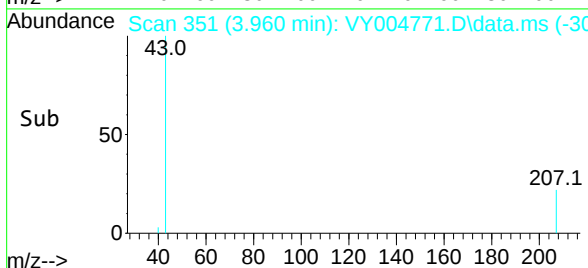
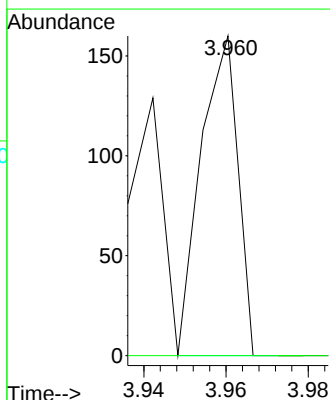
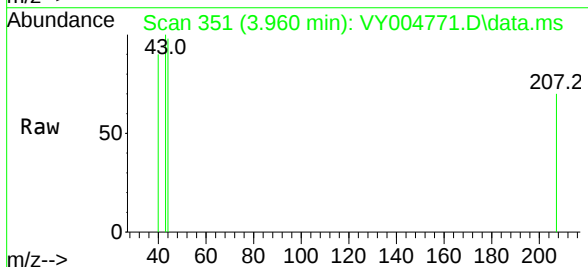
Instrument :
 MSVOA_Y
 ClientSampled :

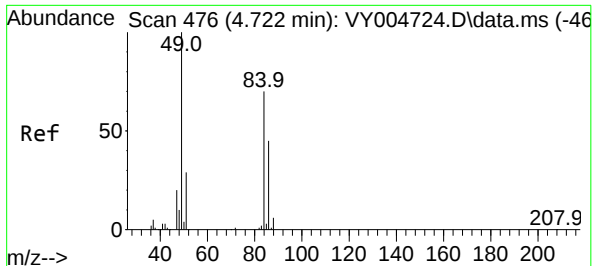
Tgt Ion: 62 Resp: 302
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.2#



#16
 Acetone
 Concen: 25.85 ug/l
 RT: 3.960 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VY004771.D
 Acq: 14 May 2021 02:01

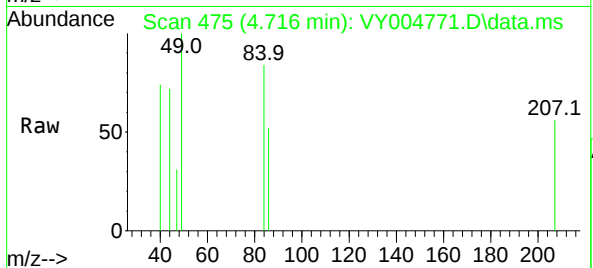
Tgt Ion: 43 Resp: 100
 Ion Ratio Lower Upper
 43 100
 58 0.0 23.6 35.4#



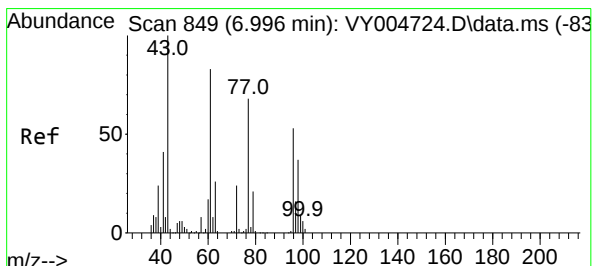
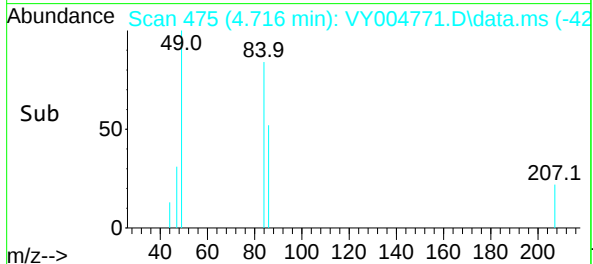
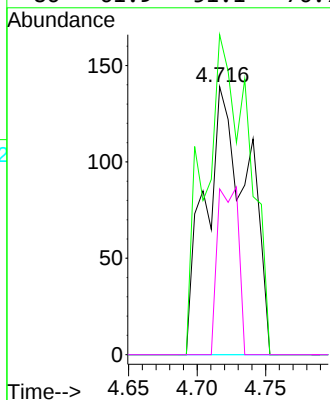


#20
Methylene Chloride
Concen: 9.95 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY004771.D
Acq: 14 May 2021 02:01

Instrument :
MSVOA_Y
ClientSampleId :

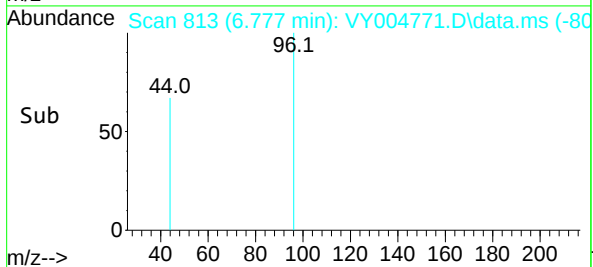
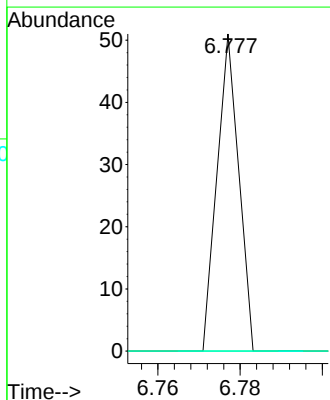
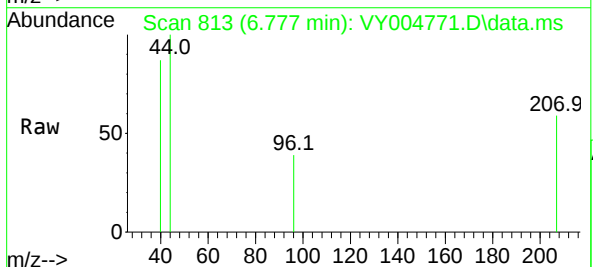


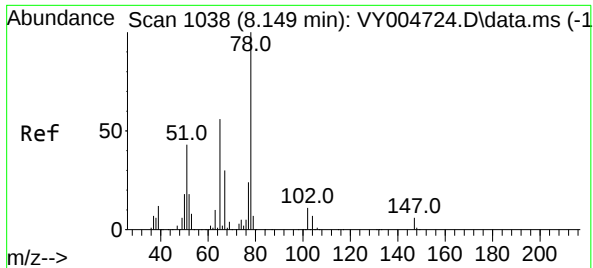
Tgt Ion: 84 Resp: 301
Ion Ratio Lower Upper
84 100
49 119.4 113.8 170.8
51 0.0 33.5 50.3#
86 61.9 51.1 76.7



#27
cis-1,2-Dichloroethene
Concen: 1.05 ug/l
RT: 6.777 min Scan# 813
Delta R.T. -0.219 min
Lab File: VY004771.D
Acq: 14 May 2021 02:01

Tgt Ion: 96 Resp: 19
Ion Ratio Lower Upper
96 100
61 0.0 0.0 308.4
98 0.0 0.0 132.0

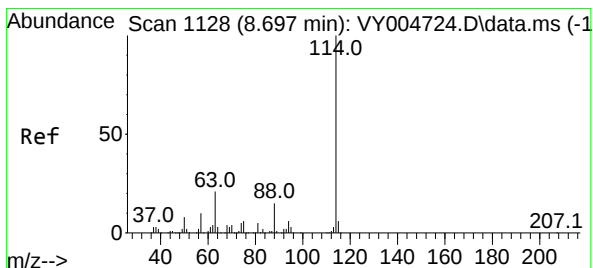
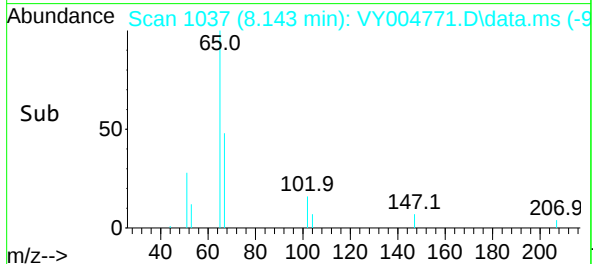
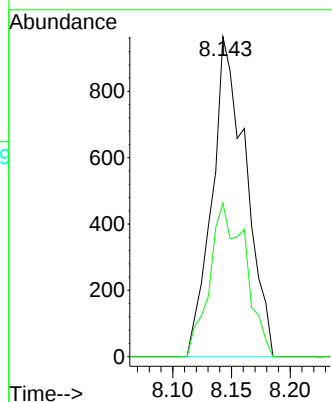
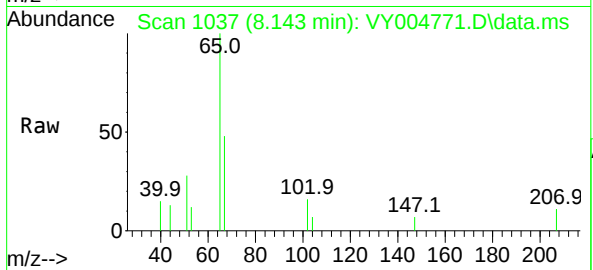




#33
 1,2-Dichloroethane-d4
 Concen: 111.59 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY004771.D
 Acq: 14 May 2021 02:01

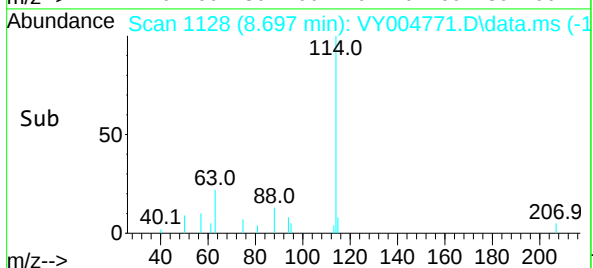
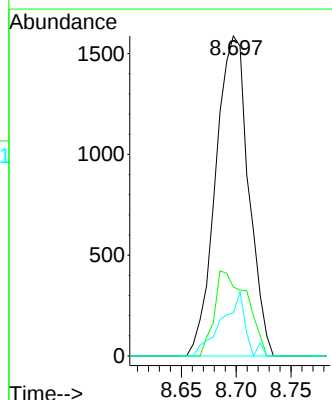
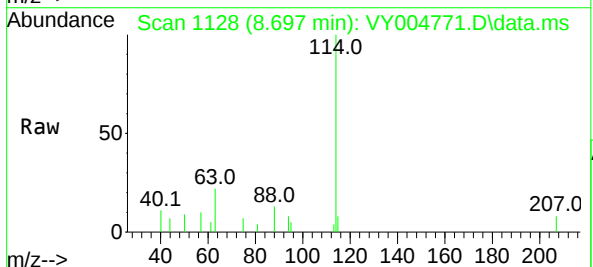
Instrument :
 MSVOA_Y
 ClientSampled :

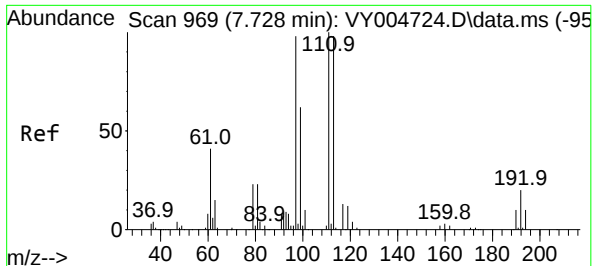
Tgt Ion: 65 Resp: 1922
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004771.D
 Acq: 14 May 2021 02:01

Tgt Ion: 114 Resp: 3312
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.8
 88 13.4 0.0 31.0

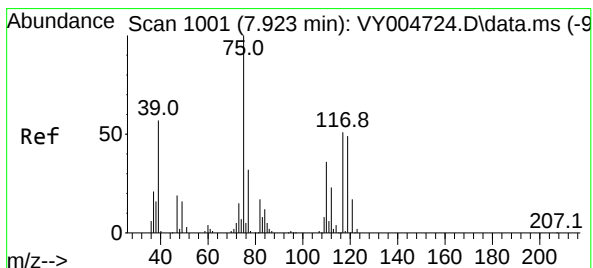
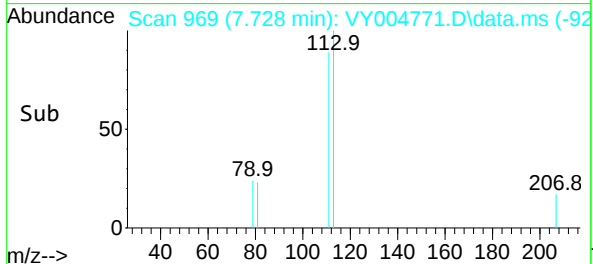
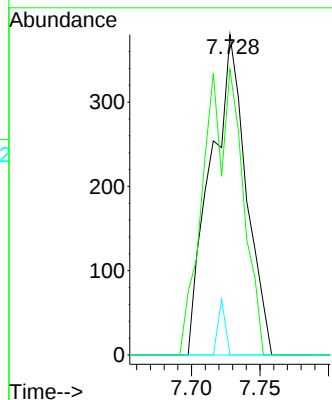
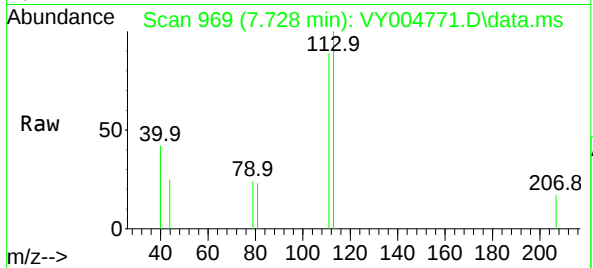




#35
Dibromofluoromethane
Concen: 37.61 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004771.D
Acq: 14 May 2021 02:01

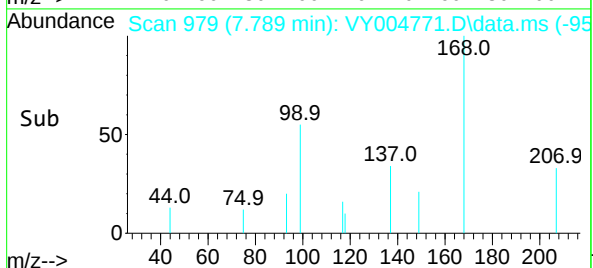
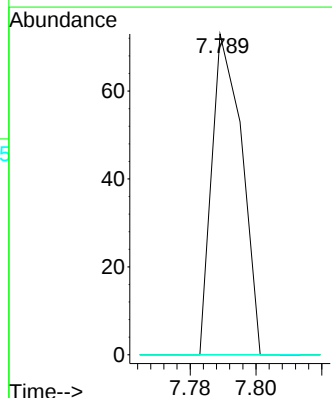
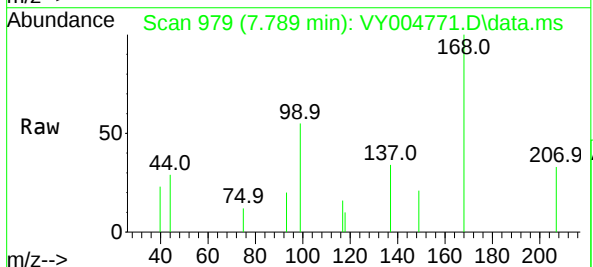
Instrument :
MSVOA_Y
ClientSampled :

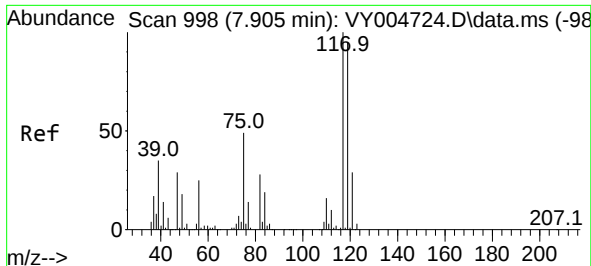
Tgt Ion:113 Resp: 682
Ion Ratio Lower Upper
113 100
111 96.6 80.5 120.7
192 3.5 15.0 22.6#



#36
1,1-Dichloropropene
Concen: 1.36 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY004771.D
Acq: 14 May 2021 02:01

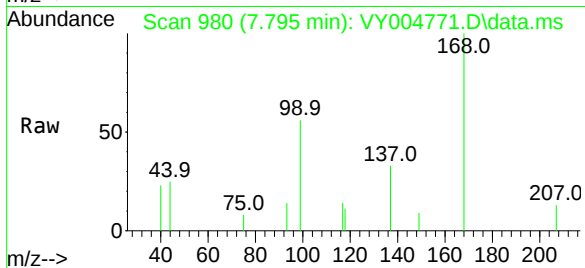
Tgt Ion: 75 Resp: 46
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 0.0 25.0 37.4#



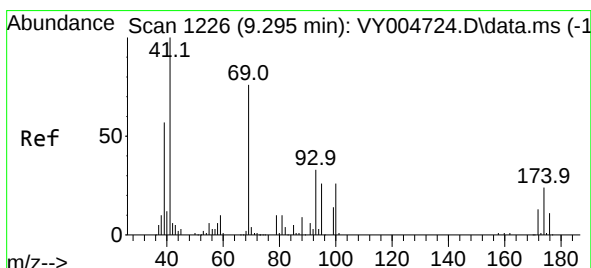
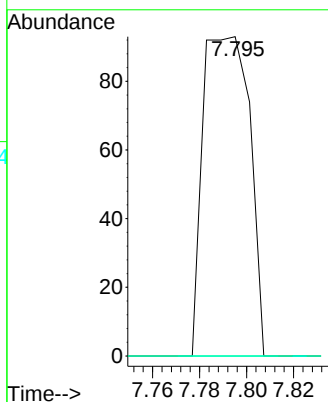
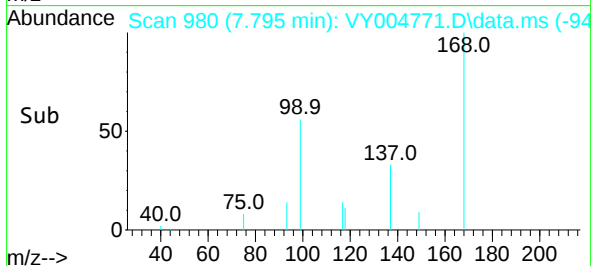


#38
Carbon Tetrachloride
Concen: 4.20 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004771.D
Acq: 14 May 2021 02:01

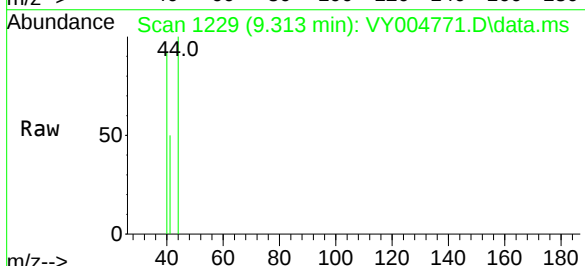
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MSVOA_Y
ClientSampleId :



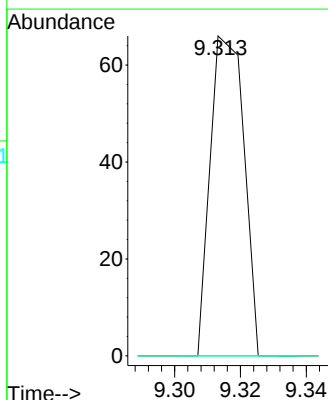
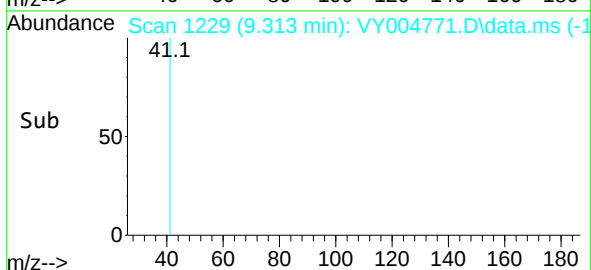
Tgt Ion: 117 Resp: 128
Ion Ratio Lower Upper
117 100
119 0.0 76.3 114.5#
121 0.0 23.0 34.6#

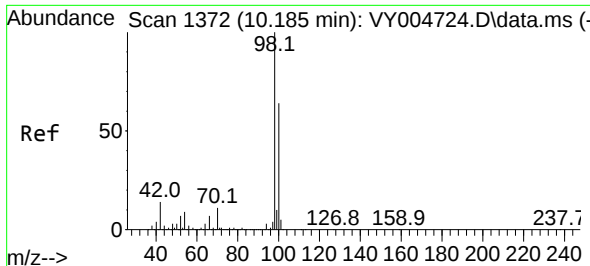


#48
Methyl methacrylate
Concen: 2.39 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.018 min
Lab File: VY004771.D
Acq: 14 May 2021 02:01



Tgt Ion: 41 Resp: 47
Ion Ratio Lower Upper
41 100
69 0.0 62.0 93.0#
39 0.0 48.4 72.6#

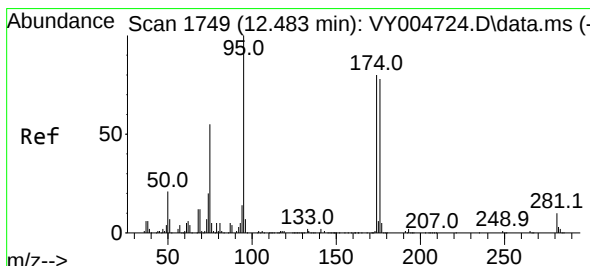
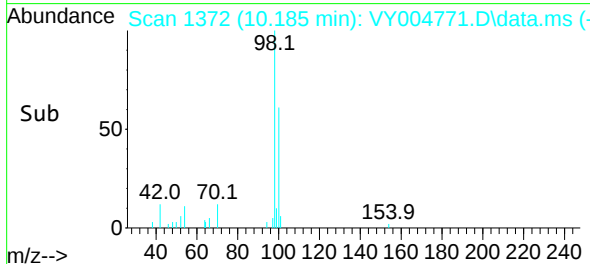
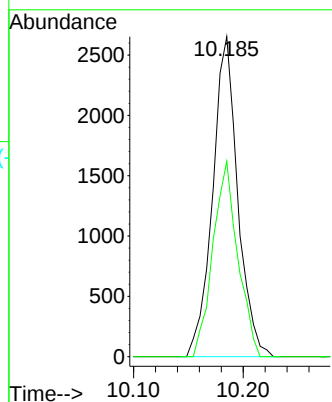
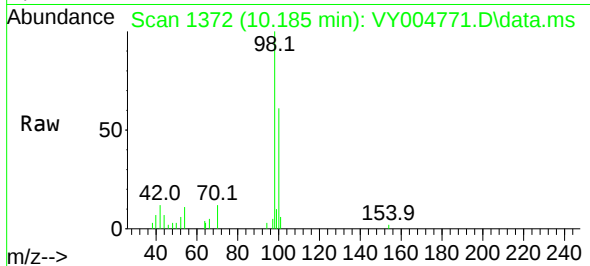




#50
Toluene-d8
Concen: 51.55 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004771.D
Acq: 14 May 2021 02:01

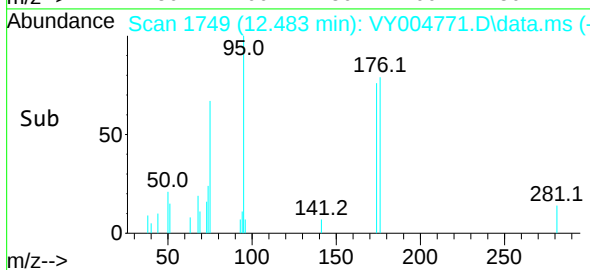
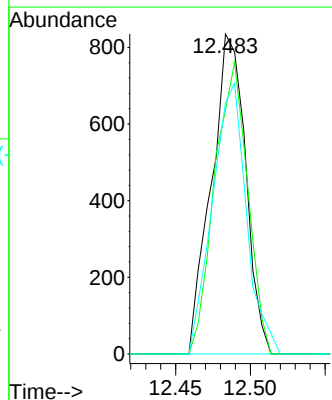
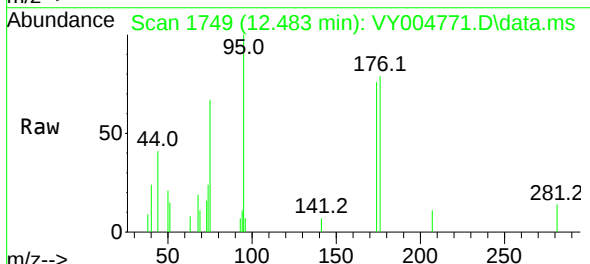
Instrument :
MSVOA_Y
ClientSampled :

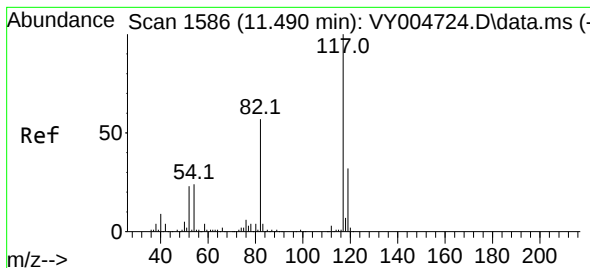
Tgt Ion: 98 Resp: 4222
Ion Ratio Lower Upper
98 100
100 60.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.89 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004771.D
Acq: 14 May 2021 02:01

Tgt Ion: 95 Resp: 1324
Ion Ratio Lower Upper
95 100
174 88.2 0.0 164.2
176 84.4 0.0 159.0

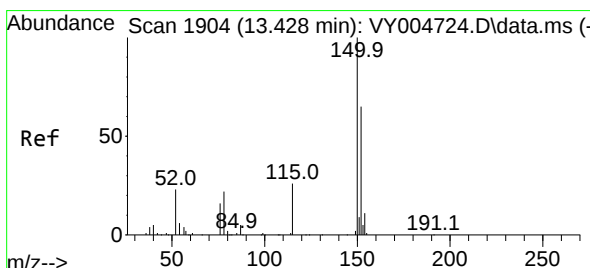
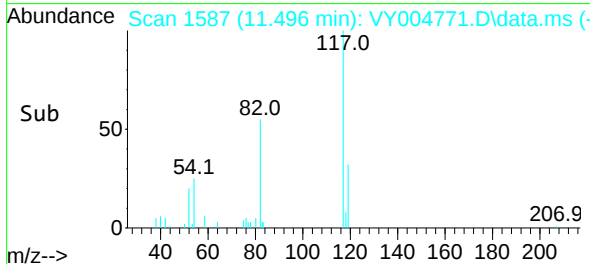
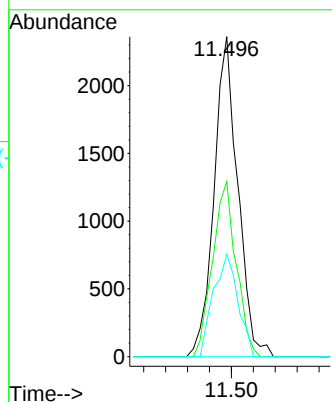
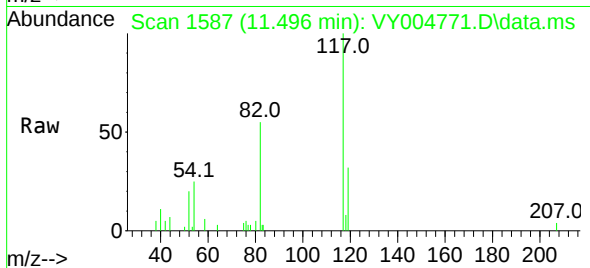




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004771.D
Acq: 14 May 2021 02:01

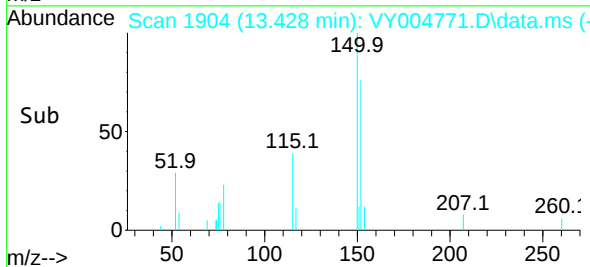
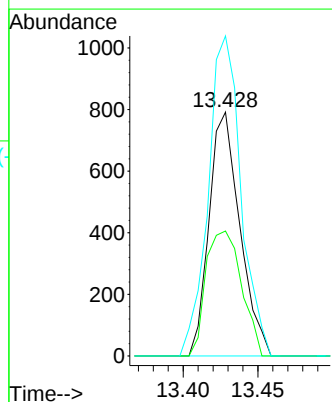
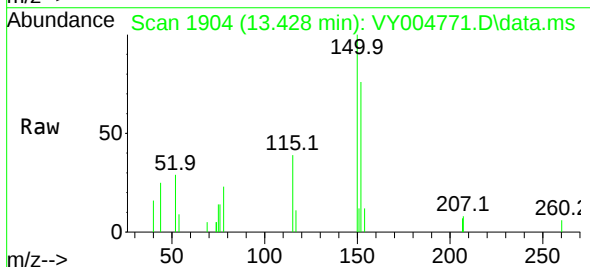
Instrument :
MSVOA_Y
ClientSampled :

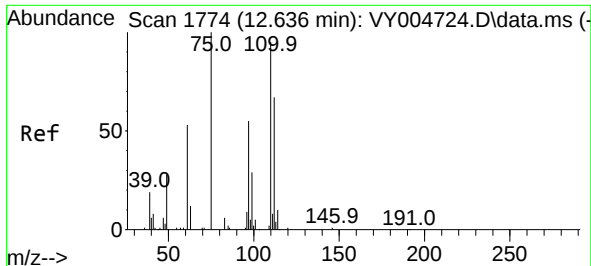
Tgt Ion:	117	Resp:	3548
Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.4	68.2
119	32.0	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004771.D
Acq: 14 May 2021 02:01

Tgt Ion:	152	Resp:	1134
Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.4	88.3
150	139.7	0.0	349.8

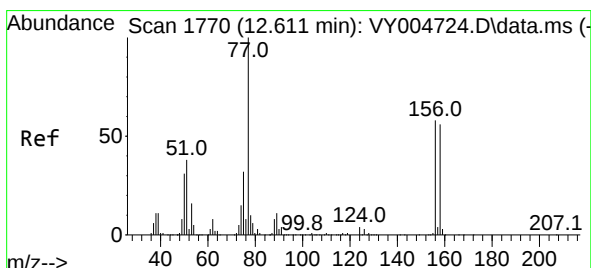
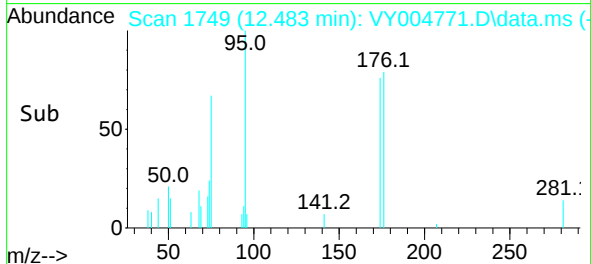
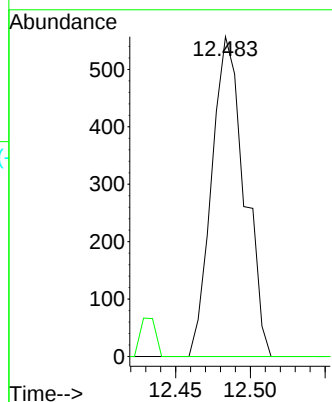
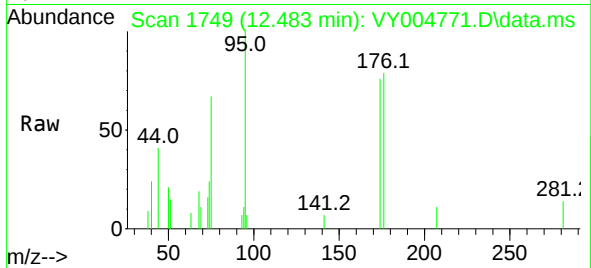




#76
1,2,3-Trichloropropane
Concen: 70.57 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004771.D
Acq: 14 May 2021 02:01

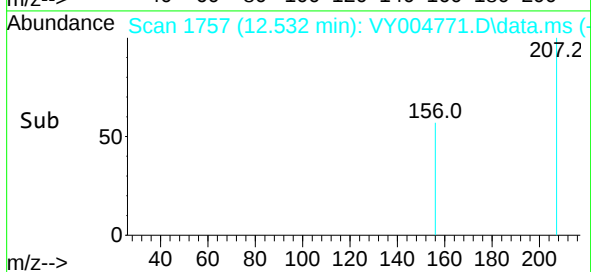
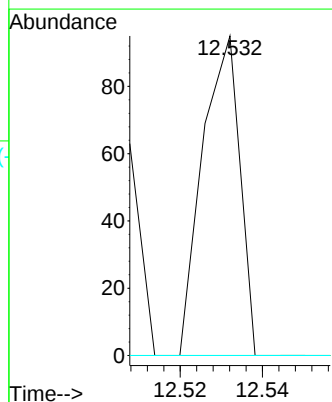
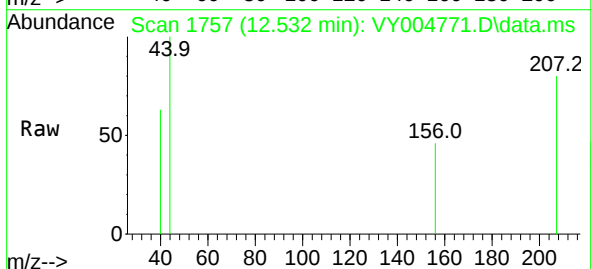
Instrument :
MSVOA_Y
ClientSampled :

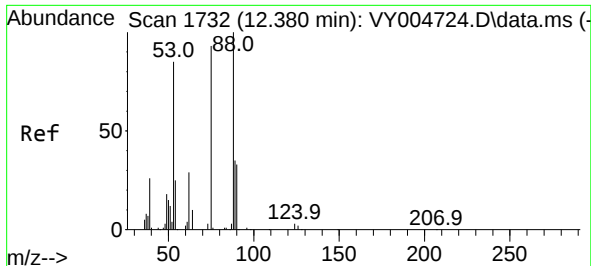
Tgt Ion: 75 Resp: 850
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 3.11 ug/l
RT: 12.532 min Scan# 1757
Delta R.T. -0.079 min
Lab File: VY004771.D
Acq: 14 May 2021 02:01

Tgt Ion: 156 Resp: 60
Ion Ratio Lower Upper
156 100
77 0.0 100.6 301.9#
158 0.0 48.8 146.3#

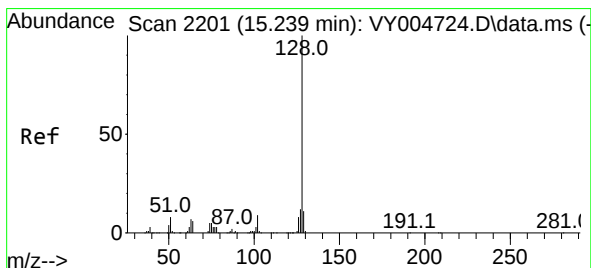
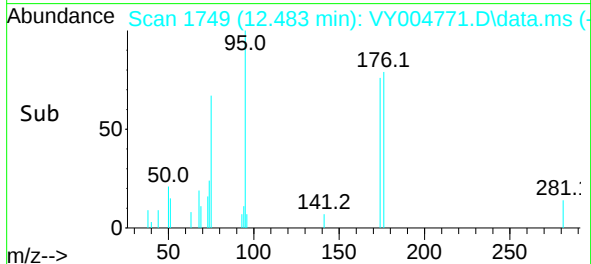
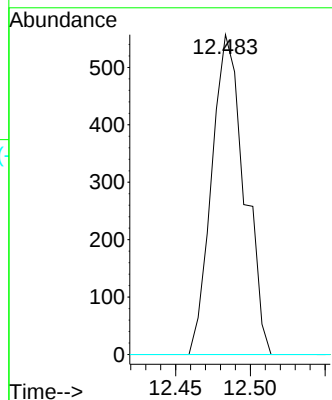
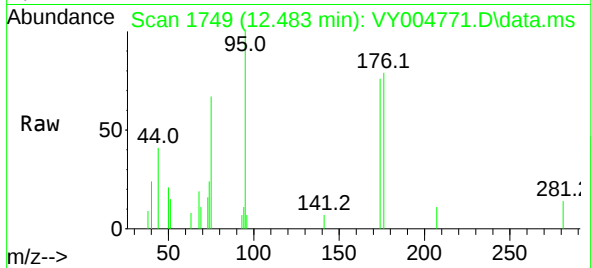




#81
trans-1,4-Dichloro-2-butene
Concen: 122.36 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004771.D
Acq: 14 May 2021 02:01

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 850
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 35.5 53.3#



#95
Naphthalene
Concen: 23.20 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004771.D
Acq: 14 May 2021 02:01

Tgt Ion: 128 Resp: 1081
Ion Ratio Lower Upper
128 100
127 2.5 10.2 15.2#
129 2.5 8.6 13.0#

