

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
 Data File : VY005210.D
 Acq On : 24 Jun 2021 14:51
 Operator : SY/MD
 Sample : M2851-01
 Misc : 6.41G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

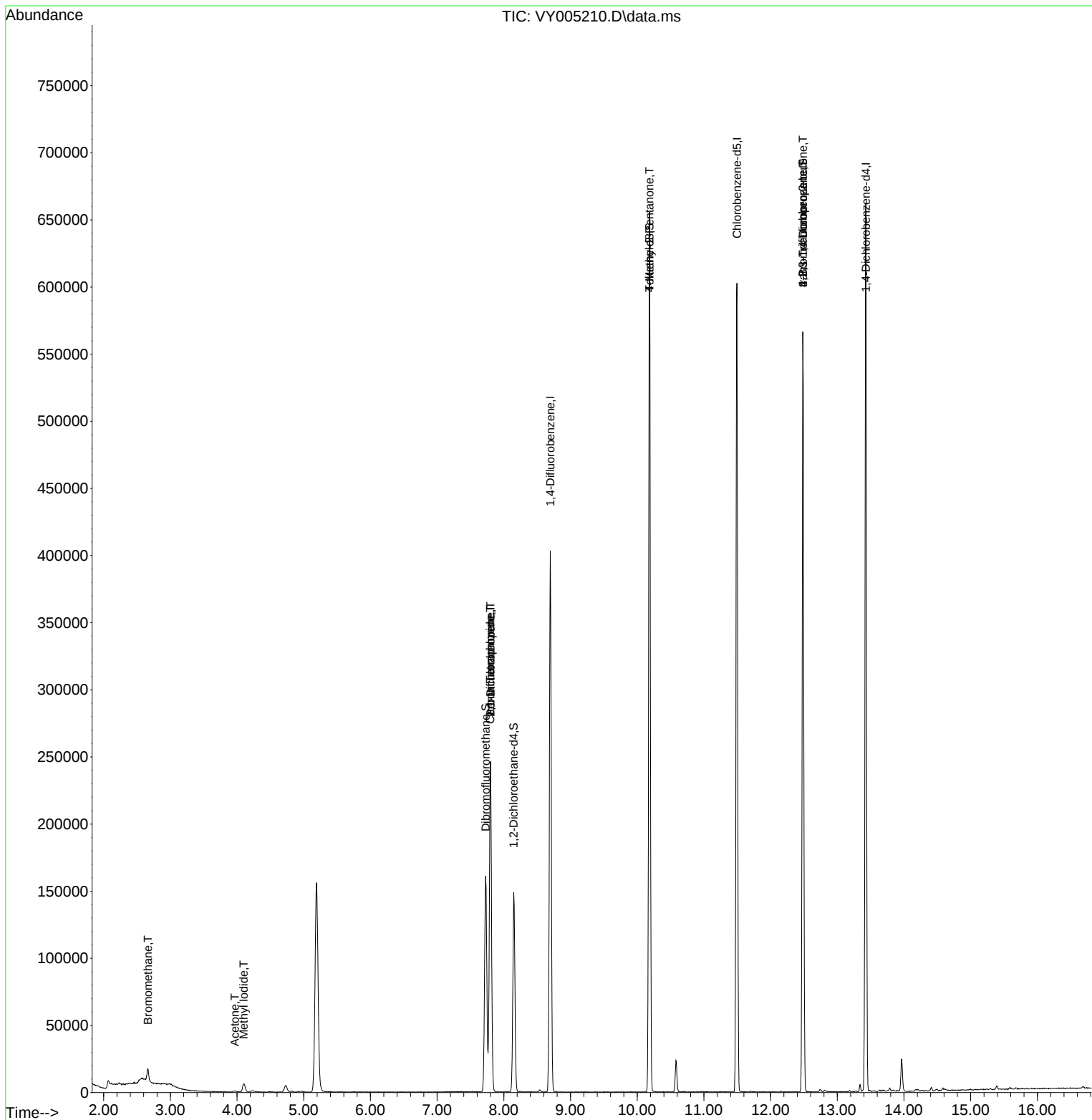
Quant Time: Jun 25 04:34:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

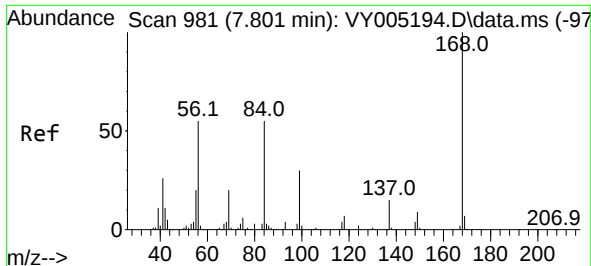
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	216524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	360332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	360985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	184102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114209	63.561	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.120%	
35) Dibromofluoromethane	7.728	113	112743	53.054	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.100%	
50) Toluene-d8	10.185	98	442894	52.115	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.240%	
62) 4-Bromofluorobenzene	12.483	95	151106	53.359	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.720%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	5848	4.253	ug/l	93
10) Methyl Iodide	4.101	142	10484	4.153	ug/l	96
11) Tert butyl alcohol	4.966	59	1617	Below Cal	#	77
16) Acetone	3.966	43	1536	3.700	ug/l #	84
20) Methylene Chloride	4.735	84	4180	Below Cal		90
36) 1,1-Dichloropropene	7.801	75	13518	4.260	ug/l #	47
38) Carbon Tetrachloride	7.795	117	17950	5.404	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1598	1.015	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	71843	44.000	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	71843	82.095	ug/l #	17

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

Quant Time: Jun 25 04:34:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
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Response via : Initial Calibration

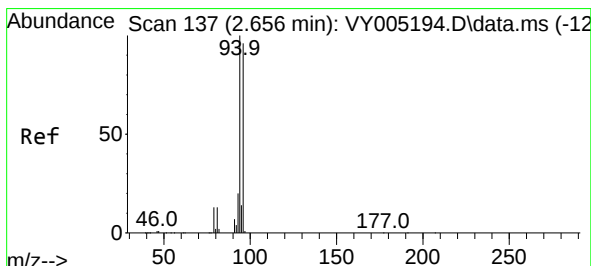
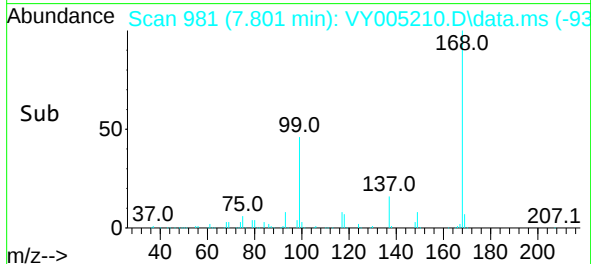
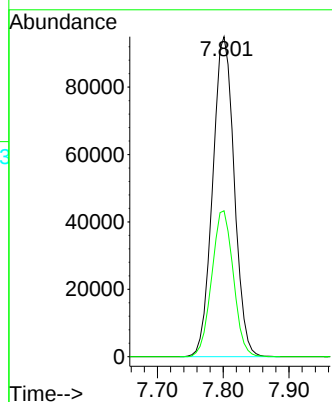
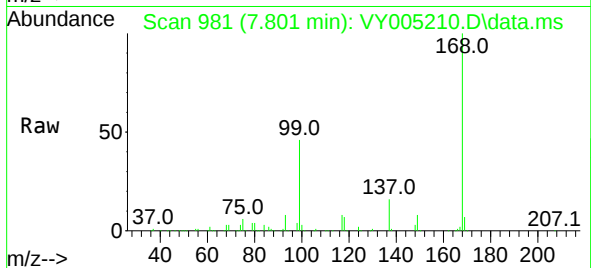




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

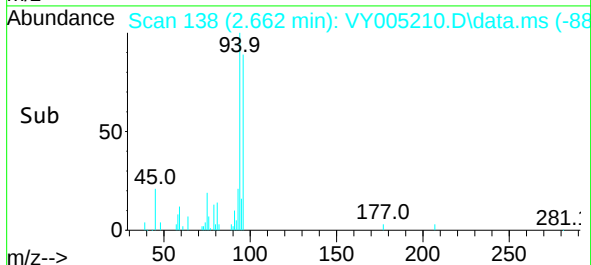
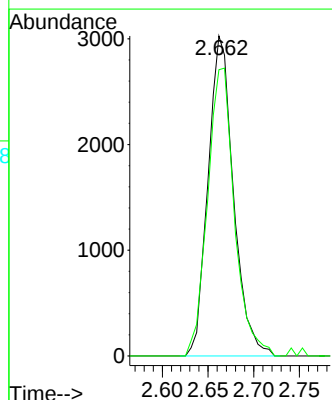
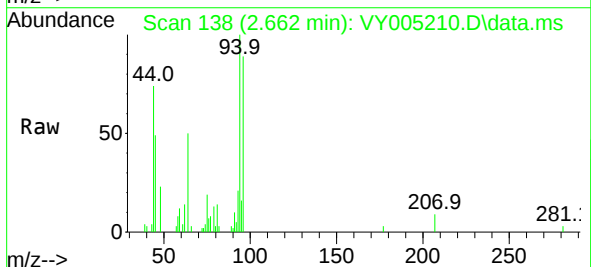
Instrument :
MSVOA_Y
ClientSampleId :

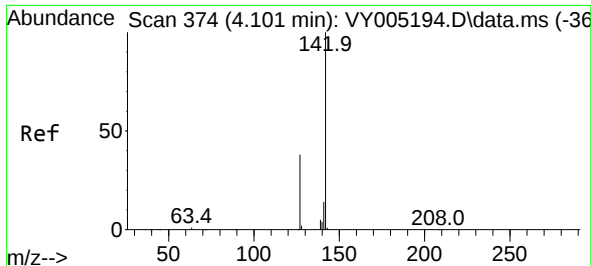
Tgt Ion:168 Resp: 216524
Ion Ratio Lower Upper
168 100
99 45.6 36.2 54.4



#5
Bromomethane
Concen: 4.253 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

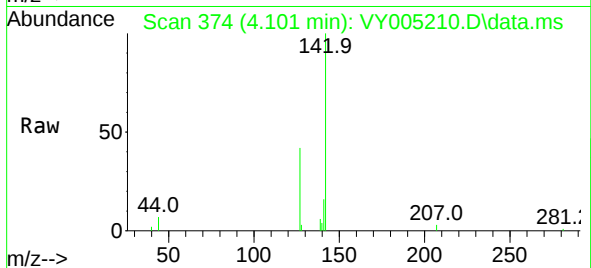
Tgt Ion: 94 Resp: 5848
Ion Ratio Lower Upper
94 100
96 89.5 76.9 115.3



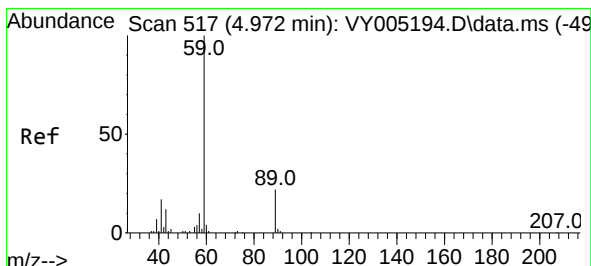
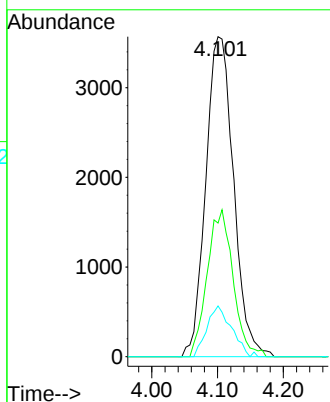
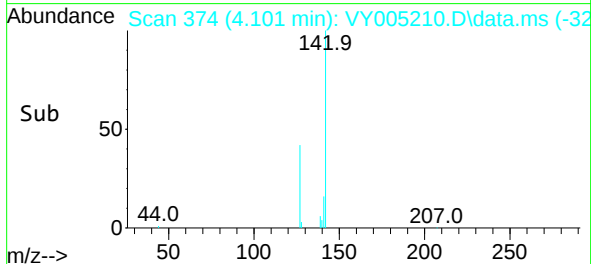


#10
Methyl Iodide
Concen: 4.153 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

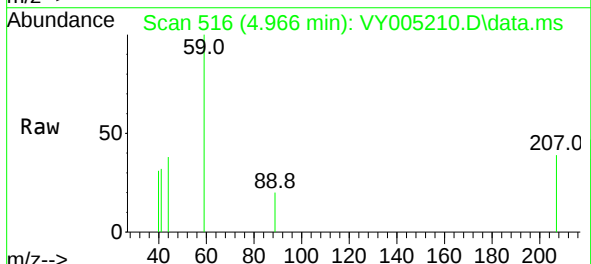
Instrument :
MSVOA_Y
ClientSampled :



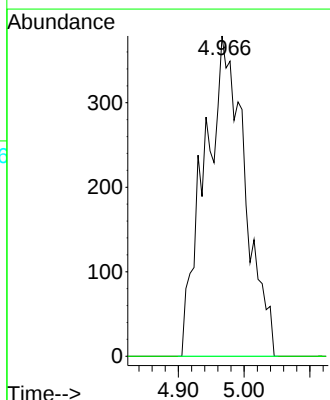
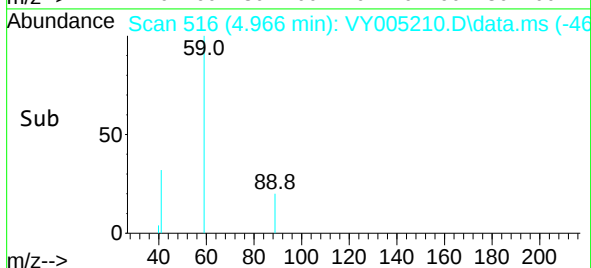
Tgt Ion:142 Resp: 10484
Ion Ratio Lower Upper
142 100
127 42.7 31.3 46.9
141 14.1 11.3 16.9

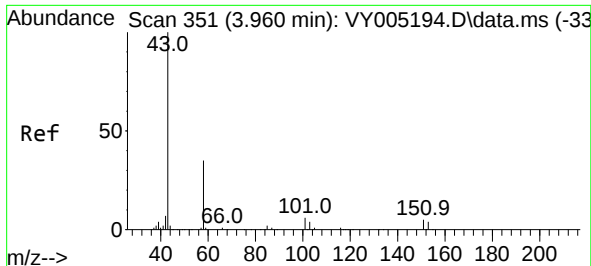


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51



Tgt Ion: 59 Resp: 1617
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

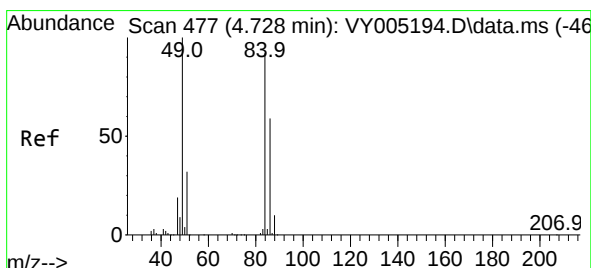
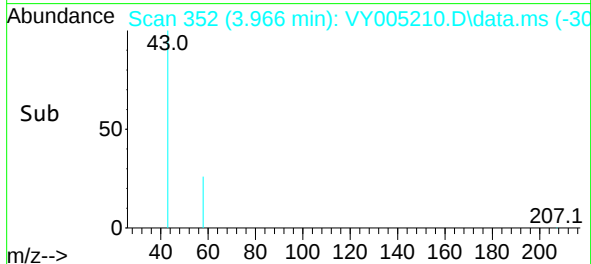
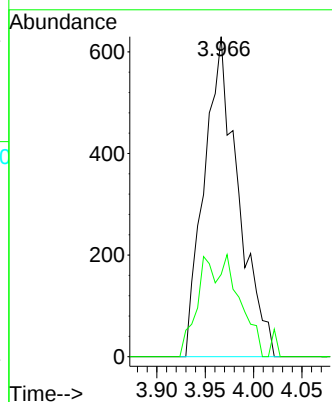
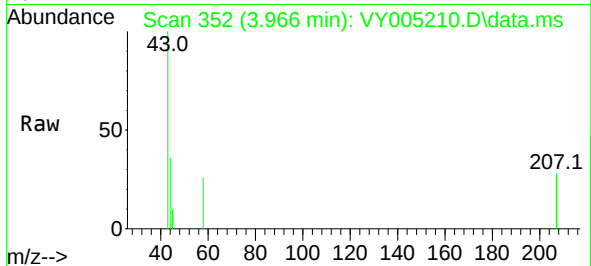




#16
Acetone
Concen: 3.700 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

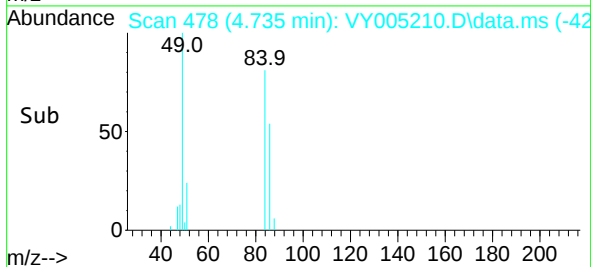
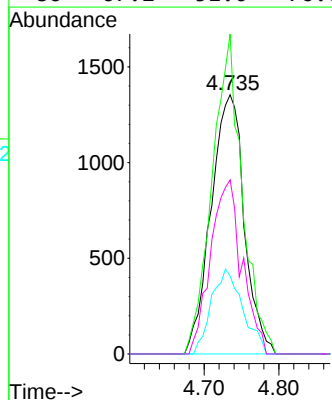
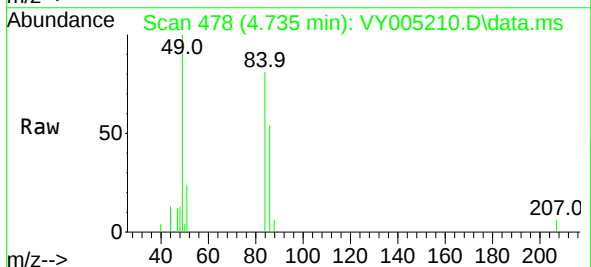
Instrument :
MSVOA_Y
ClientSampleId :

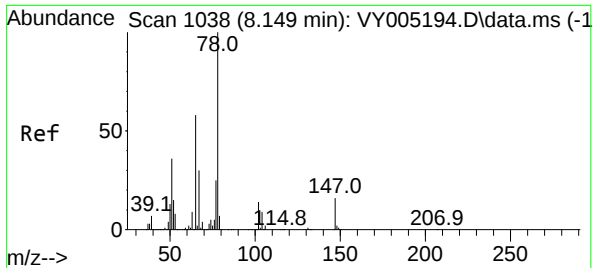
Tgt Ion: 43 Resp: 1536
Ion Ratio Lower Upper
43 100
58 25.7 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.007 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

Tgt Ion: 84 Resp: 4180
Ion Ratio Lower Upper
84 100
49 123.5 86.9 130.3
51 30.1 27.4 41.2
86 67.2 51.0 76.6



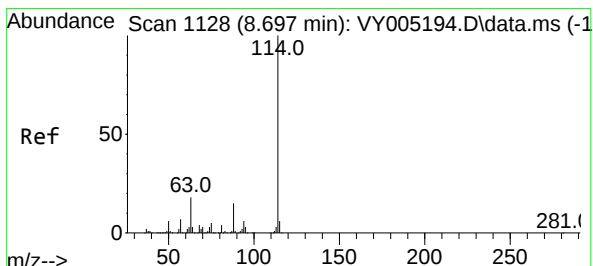
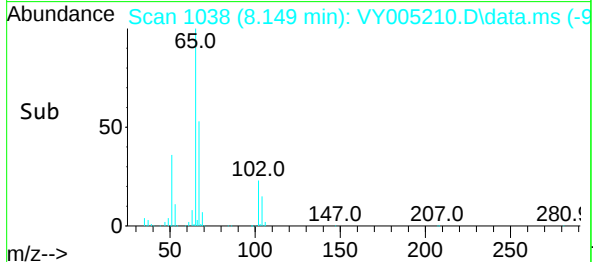
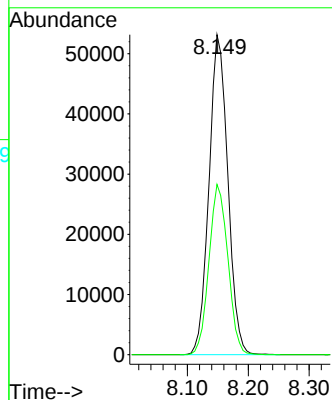
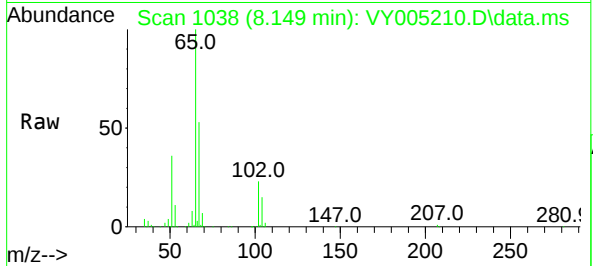


#33
 1,2-Dichloroethane-d4
 Concen: 63.561 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY005210.D
 Acq: 24 Jun 2021 14:51

Instrument :
 MSVOA_Y
 ClientSampled :

Tgt Ion: 65 Resp: 114209

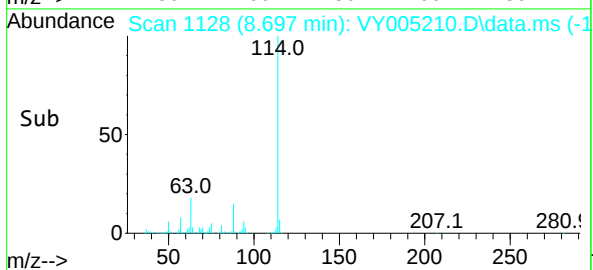
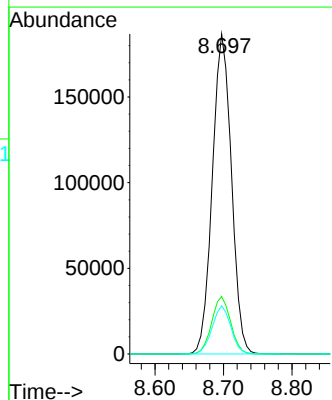
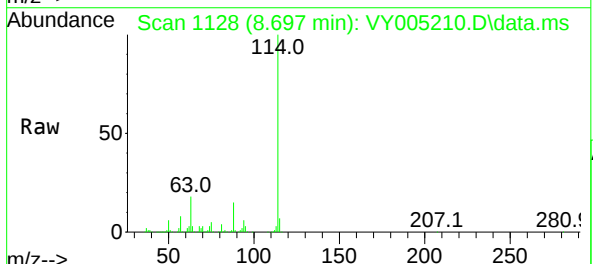
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	110.6

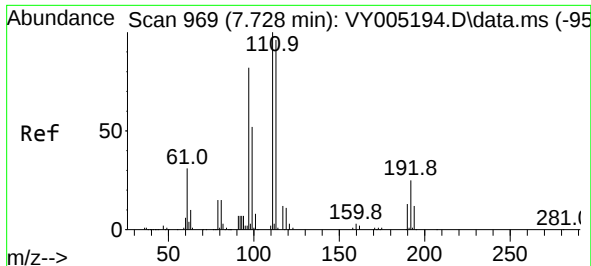


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005210.D
 Acq: 24 Jun 2021 14:51

Tgt Ion: 114 Resp: 360332

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.2
88	15.1	0.0	29.4

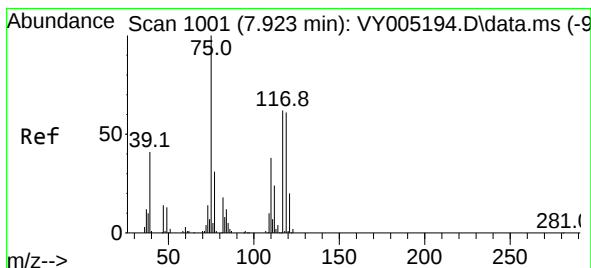
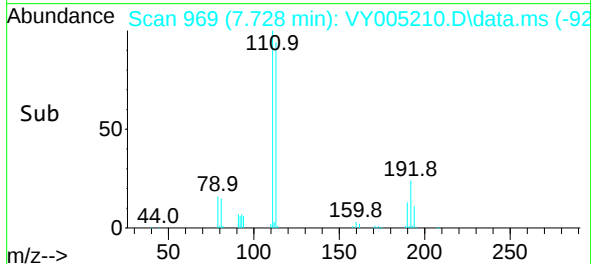
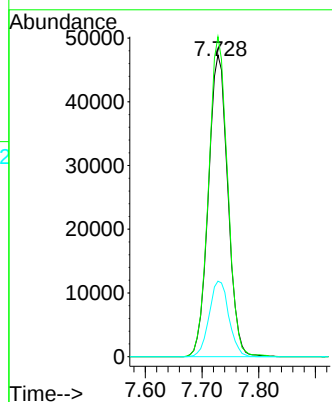
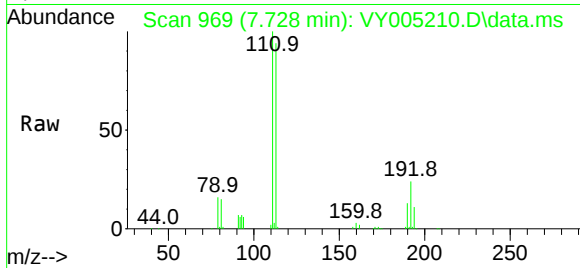




#35
Dibromofluoromethane
Concen: 53.054 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

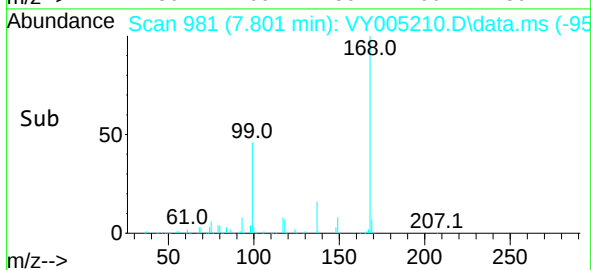
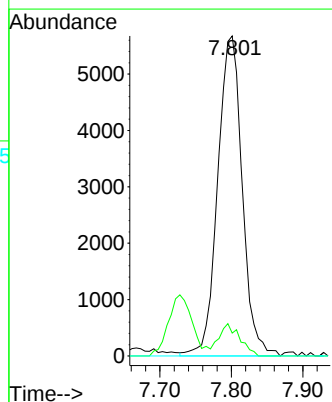
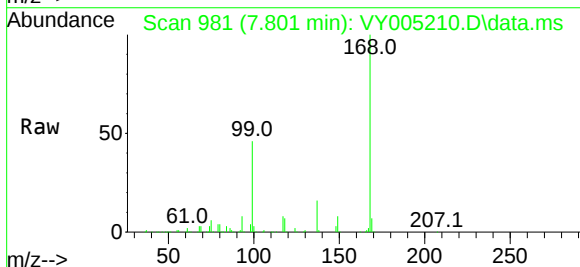
Instrument :
MSVOA_Y
ClientSampled :

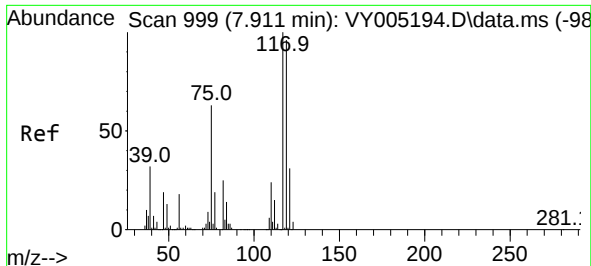
Tgt Ion:113 Resp: 112743
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 25.4 20.2 30.2



#36
1,1-Dichloropropene
Concen: 4.260 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

Tgt Ion: 75 Resp: 13518
Ion Ratio Lower Upper
75 100
110 8.5 19.1 57.5#
77 0.0 25.2 37.8#

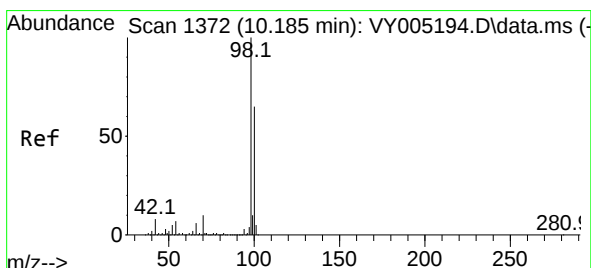
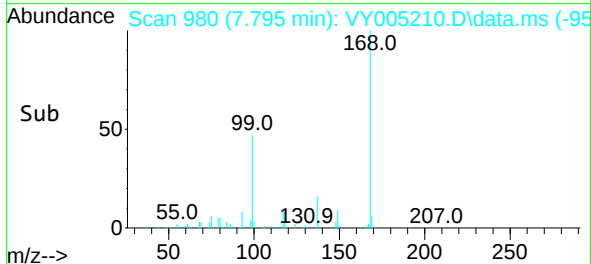
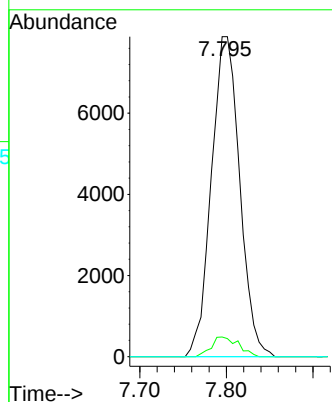
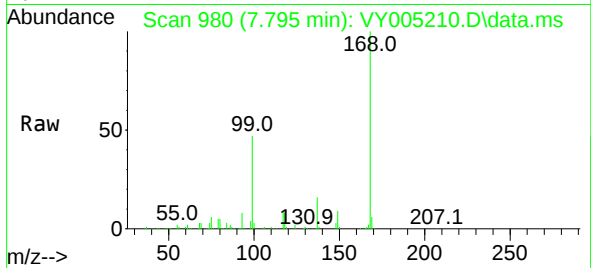




#38
Carbon Tetrachloride
Concen: 5.404 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

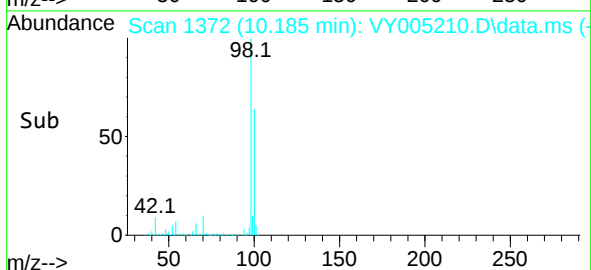
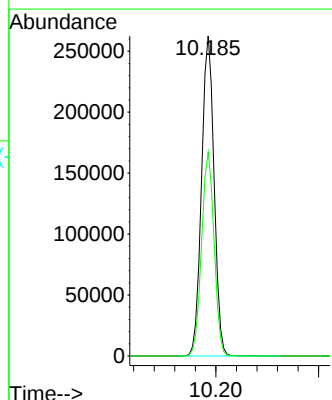
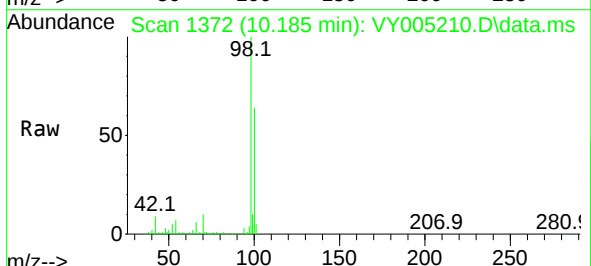
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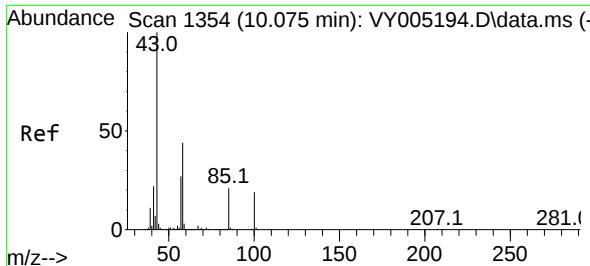
Tgt Ion:117 Resp: 17950
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.115 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

Tgt Ion: 98 Resp: 442894
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9

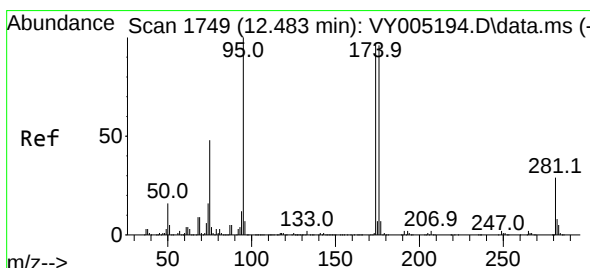
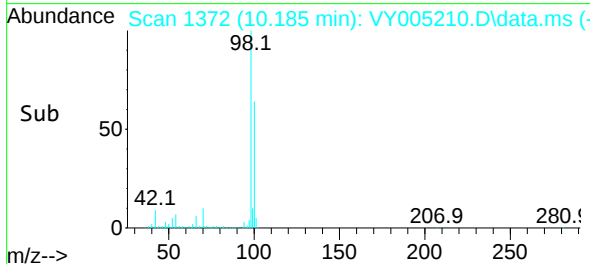
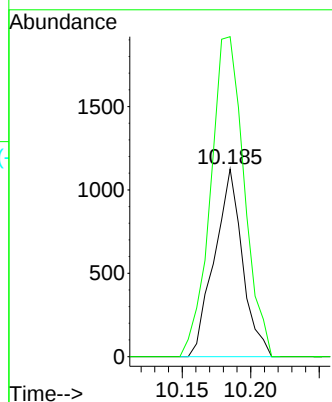
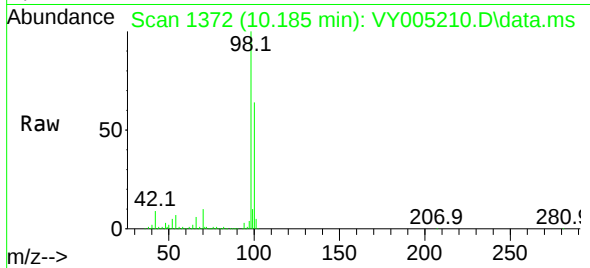




#51
4-Methyl-2-Pentanone
Concen: 1.015 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

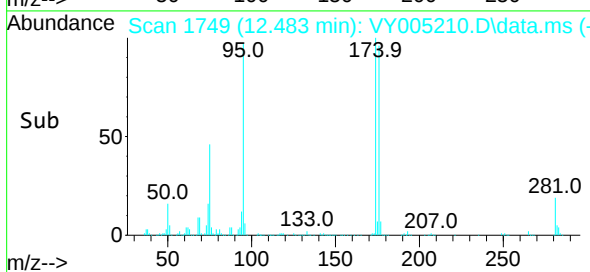
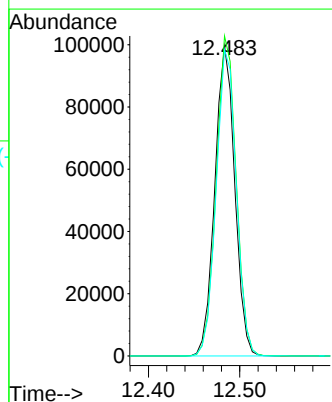
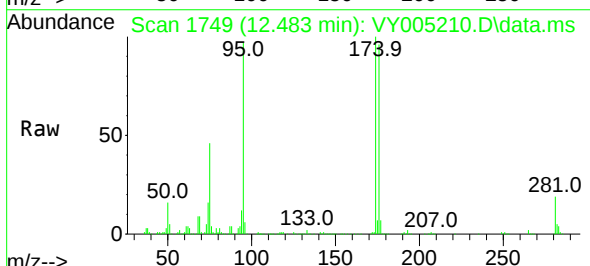
Instrument :
MSVOA_Y
ClientSampleId :

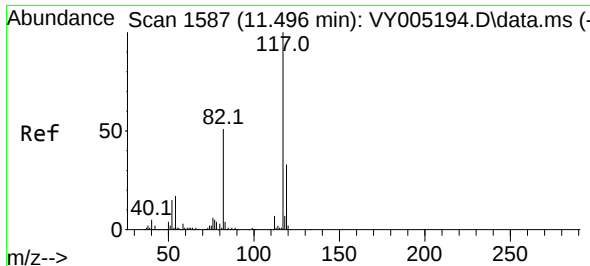
Tgt Ion: 43 Resp: 1598
Ion Ratio Lower Upper
43 100
58 204.6 35.3 52.9#



#62
4-Bromofluorobenzene
Concen: 53.359 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

Tgt Ion: 95 Resp: 151106
Ion Ratio Lower Upper
95 100
174 103.2 0.0 201.6
176 99.5 0.0 197.4

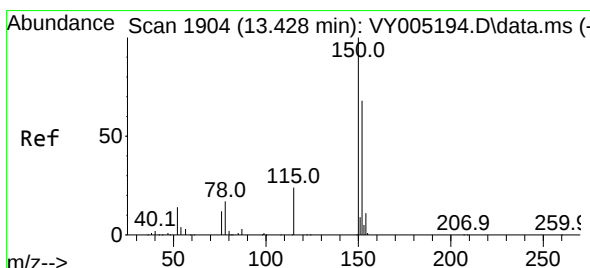
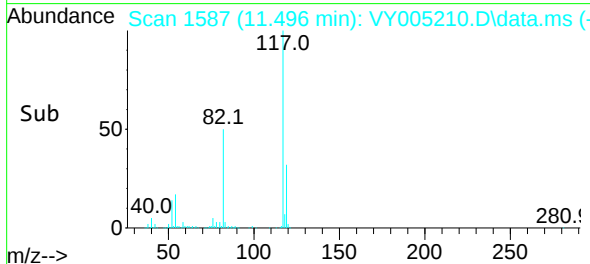
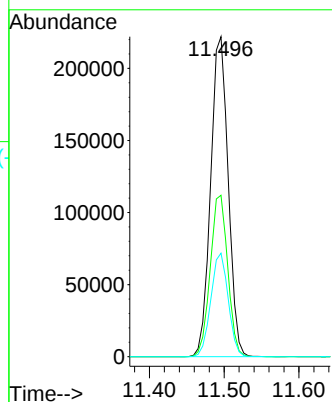
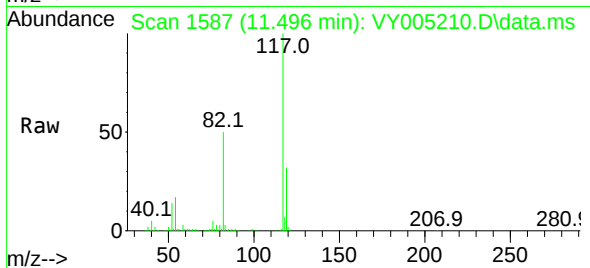




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

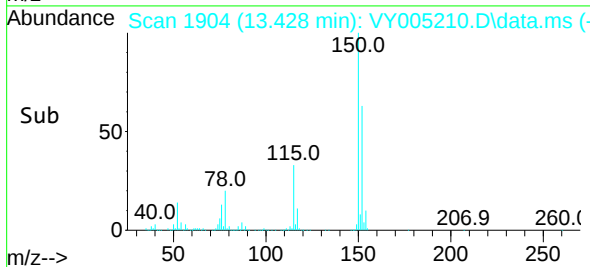
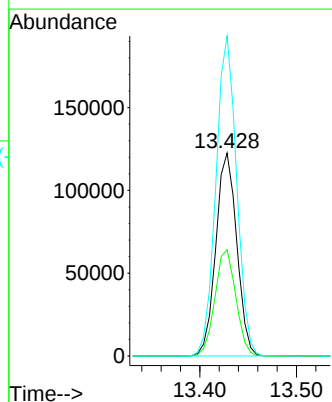
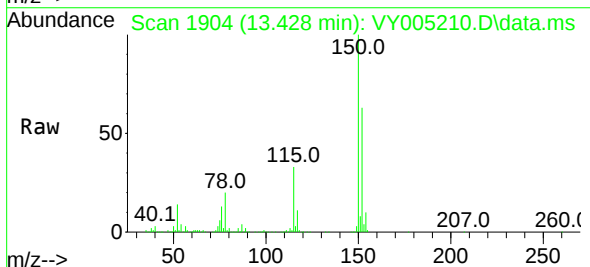
Instrument :
MSVOA_Y
ClientSampleId :

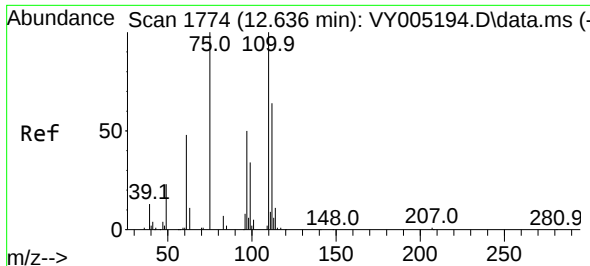
Tgt Ion:117 Resp: 360985
Ion Ratio Lower Upper
117 100
82 50.5 40.6 60.8
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

Tgt Ion:152 Resp: 184102
Ion Ratio Lower Upper
152 100
115 52.4 26.3 78.8
150 156.0 0.0 344.2

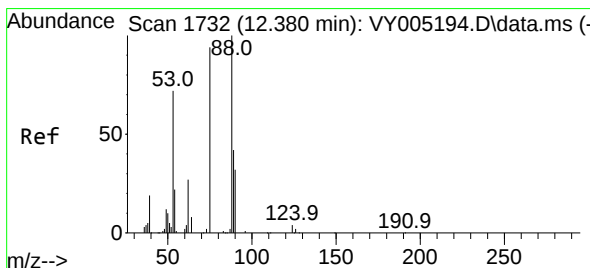
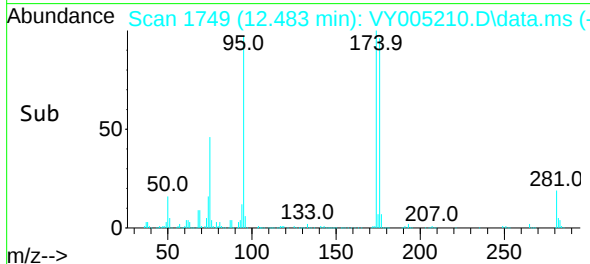
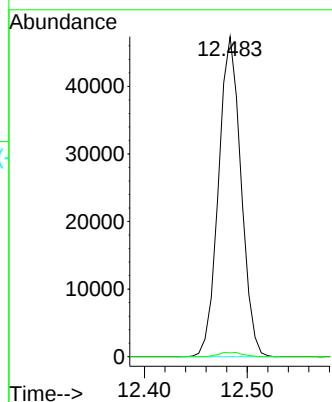
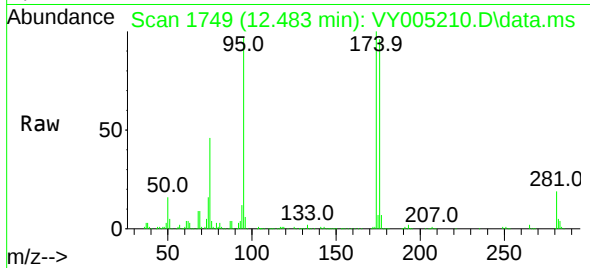




#76
1,2,3-Trichloropropane
Concen: 44.000 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 71843
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.095 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

Tgt Ion: 75 Resp: 71843
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.1 38.0 57.0#

