

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082521\
 Data File : VY005836.D
 Acq On : 25 Aug 2021 13:43
 Operator : SY/MD
 Sample : M3533-01
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-0824-21

Quant Time: Aug 26 03:37:27 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)

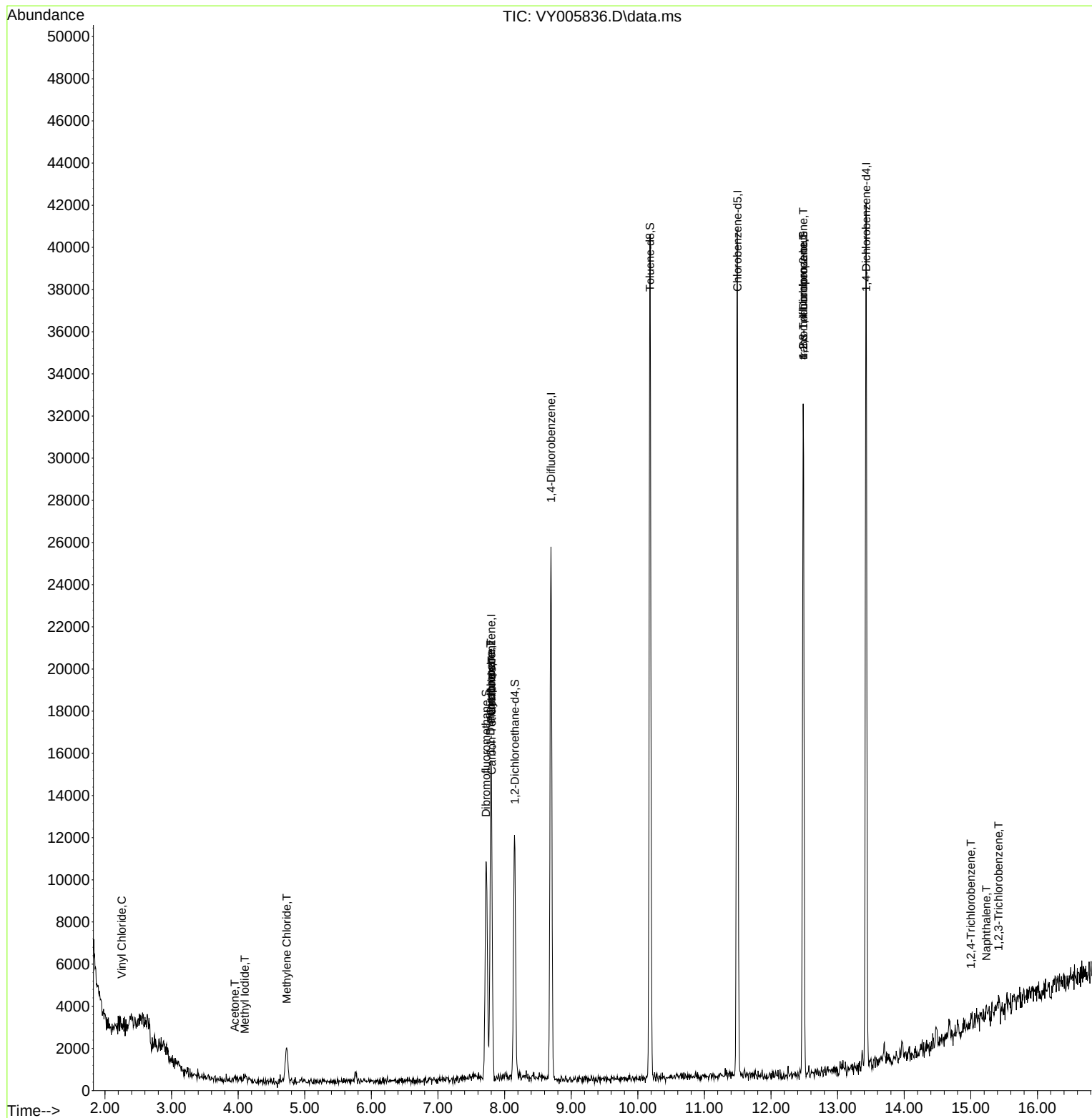
Internal Standards						
1) Pentafluorobenzene	7.801	168	12947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	21566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	22330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	9267	70.710	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.420%			
35) Dibromofluoromethane	7.722	113	7313	60.567	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 121.140%			
50) Toluene-d8	10.185	98	26654	52.636	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.280%			
62) 4-Bromofluorobenzene	12.483	95	9044	53.933	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.860%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.253	62	263	1.729	ug/l #	42
10) Methyl Iodide	4.101	142	486	3.530	ug/l #	53
16) Acetone	3.948	43	234	7.082	ug/l #	45
20) Methylene Chloride	4.728	84	1189	3.430	ug/l #	90
31) Cyclohexane	7.795	56	246	1.094	ug/l #	73
36) 1,1-Dichloropropene	7.789	75	952	4.706	ug/l #	41
38) Carbon Tetrachloride	7.807	117	1109	5.045	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	4999	46.012	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4999	92.755	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.001	180	259	1.217	ug/l #	85
95) Naphthalene	15.233	128	618	1.473	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.416	180	285	1.511	ug/l #	71

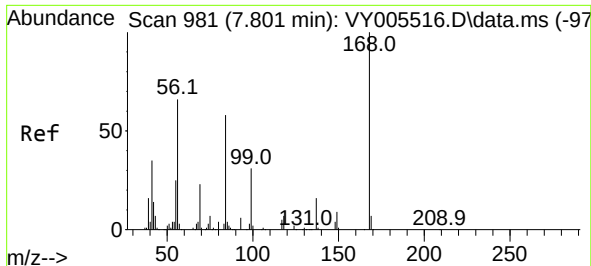
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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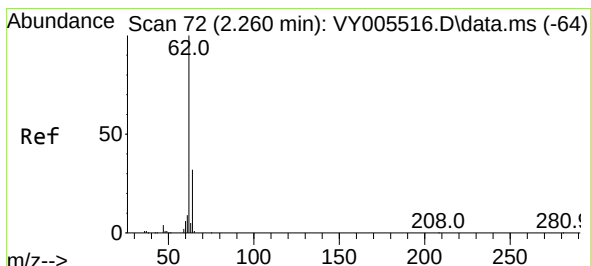
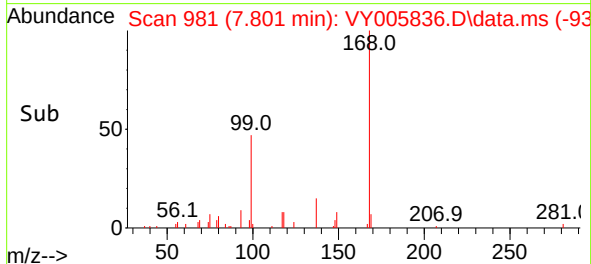
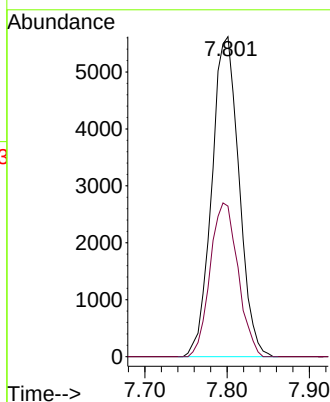
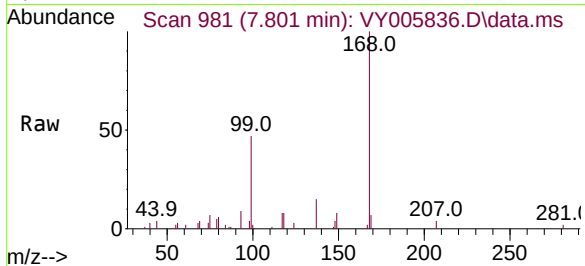




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005836.D
Acq: 25 Aug 2021 13:43

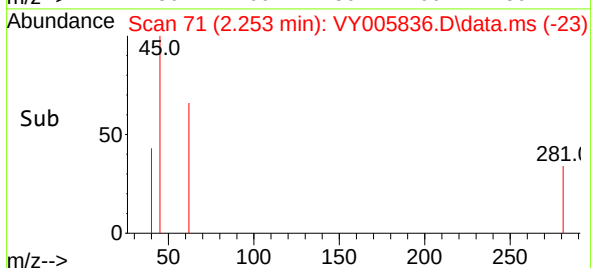
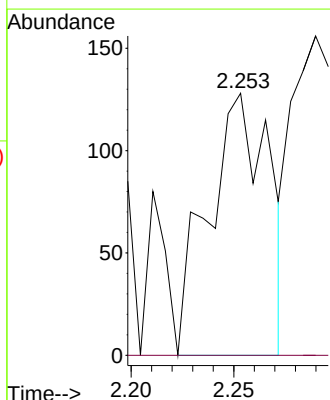
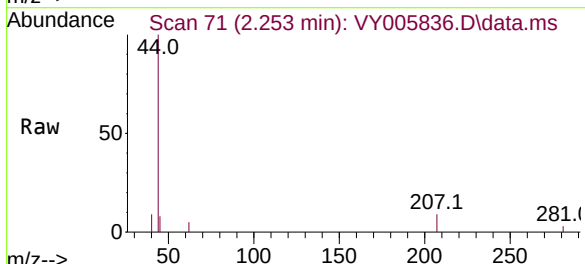
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-0824-21

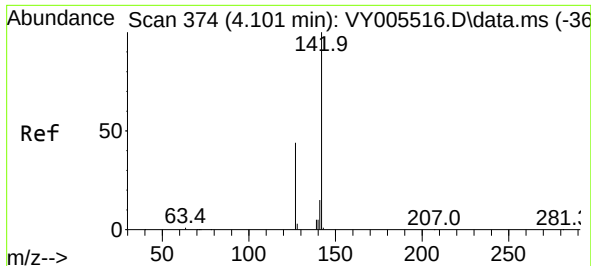
Tgt Ion:168 Resp: 12947
Ion Ratio Lower Upper
168 100
99 47.0 38.9 58.3



#4
Vinyl Chloride
Concen: 1.729 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY005836.D
Acq: 25 Aug 2021 13:43

Tgt Ion: 62 Resp: 263
Ion Ratio Lower Upper
62 100
64 0.0 25.9 38.9#

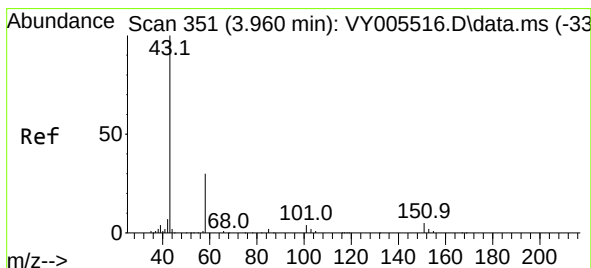
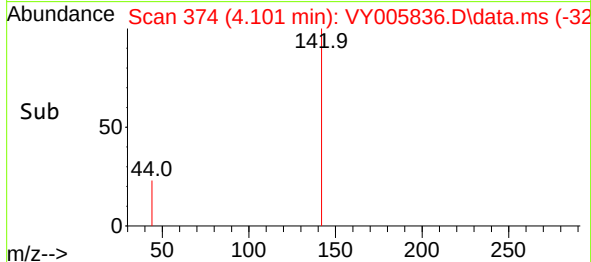
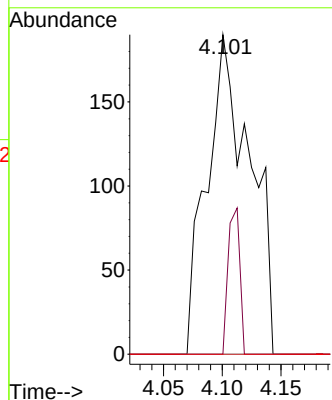
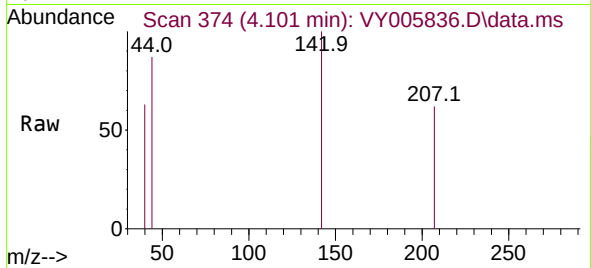




#10
Methyl Iodide
Concen: 3.530 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY005836.D
Acq: 25 Aug 2021 13:43

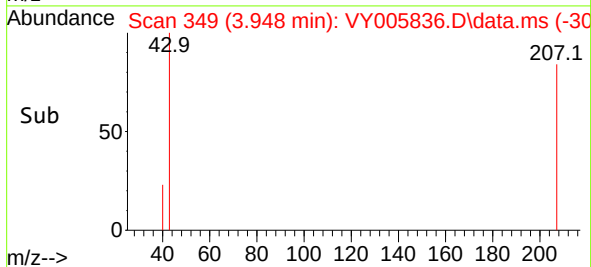
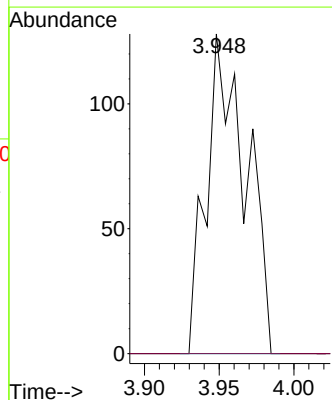
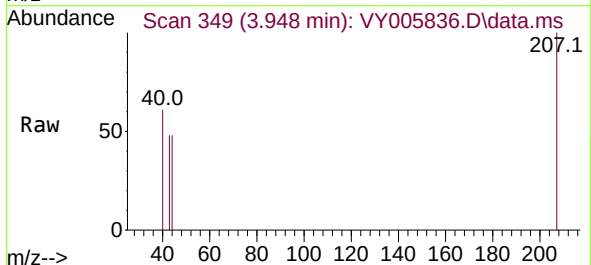
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-0824-21

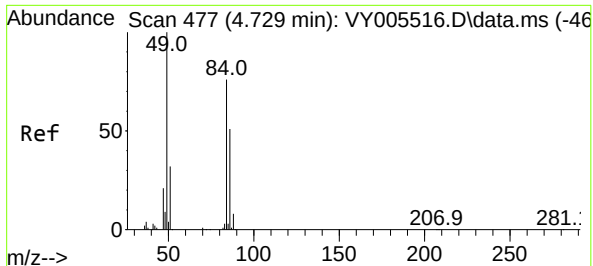
Tgt Ion:142 Resp: 486
Ion Ratio Lower Upper
142 100
127 12.3 36.6 54.8#
141 0.0 12.2 18.4#



#16
Acetone
Concen: 7.082 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY005836.D
Acq: 25 Aug 2021 13:43

Tgt Ion: 43 Resp: 234
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



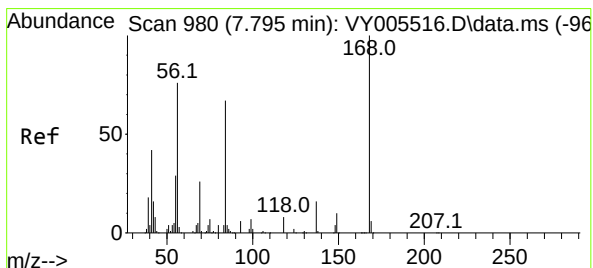
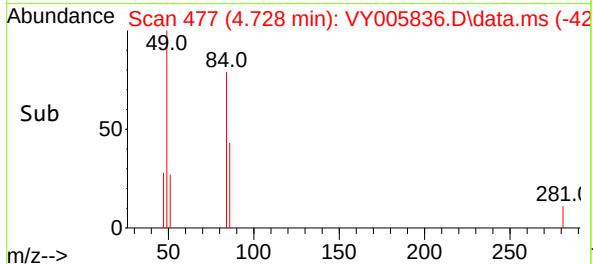
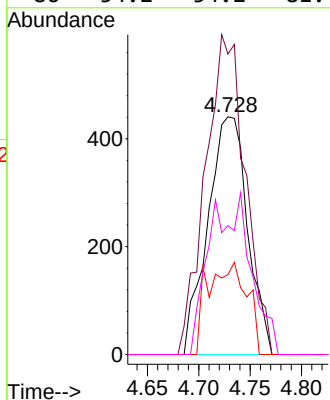
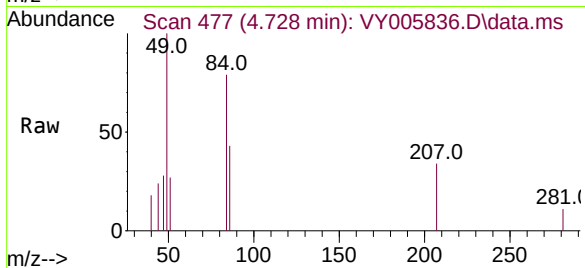


#20
Methylene Chloride
Concen: 3.430 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005836.D
Acq: 25 Aug 2021 13:43

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-0824-21

Tgt Ion: 84 Resp: 1189

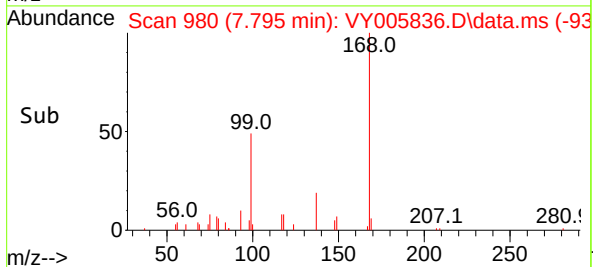
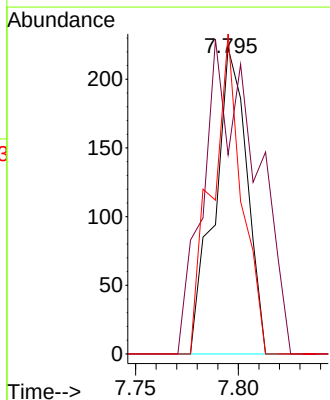
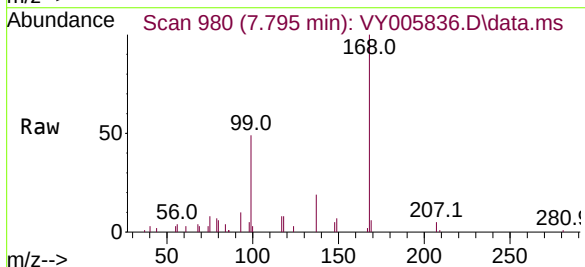
Ion	Ratio	Lower	Upper
84	100		
49	126.3	105.8	158.6
51	33.6	33.4	50.2
86	54.2	54.2	81.4

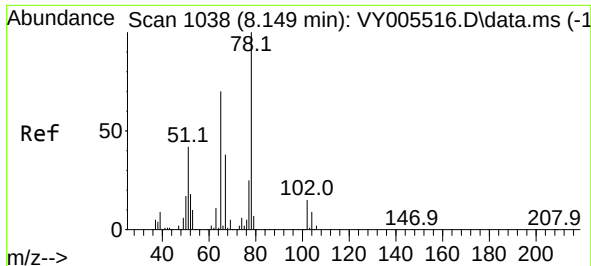


#31
Cyclohexane
Concen: 1.094 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005836.D
Acq: 25 Aug 2021 13:43

Tgt Ion: 56 Resp: 246

Ion	Ratio	Lower	Upper
56	100		
69	65.0	27.7	41.5
84	104.5	70.9	106.3

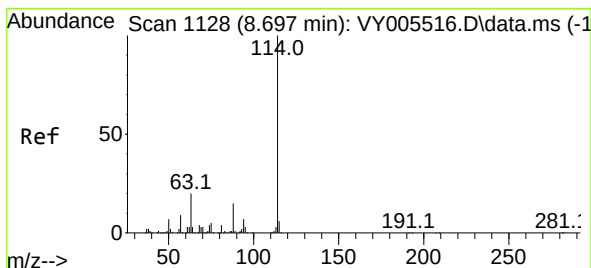
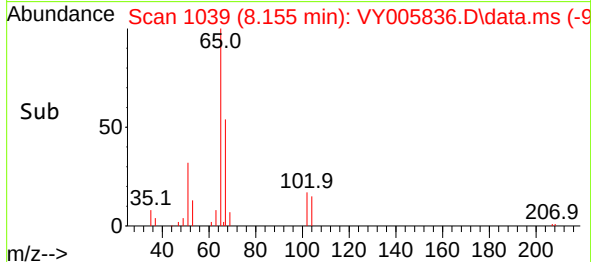
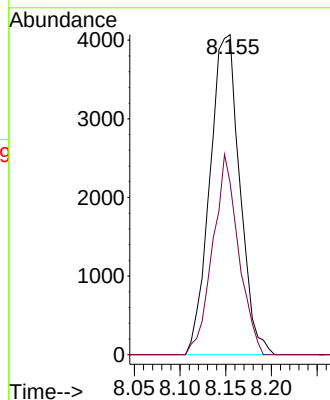
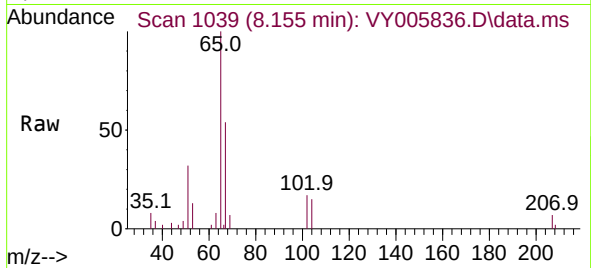




#33
 1,2-Dichloroethane-d4
 Concen: 70.710 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.006 min
 Lab File: VY005836.D
 Acq: 25 Aug 2021 13:43

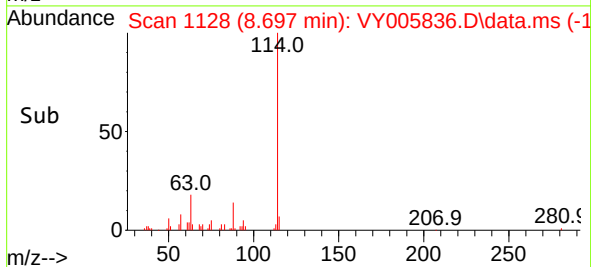
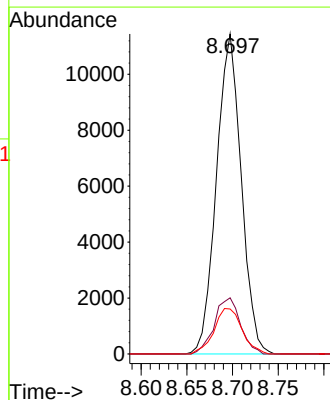
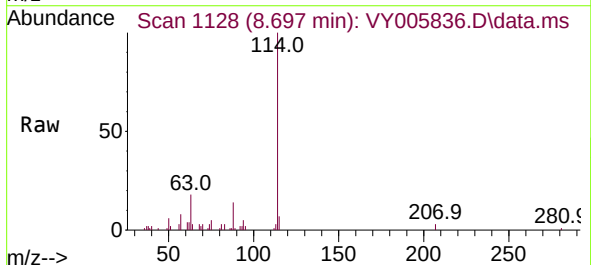
Instrument :
 MSVOA_Y
 ClientSampled :
 CL-02-0824-21

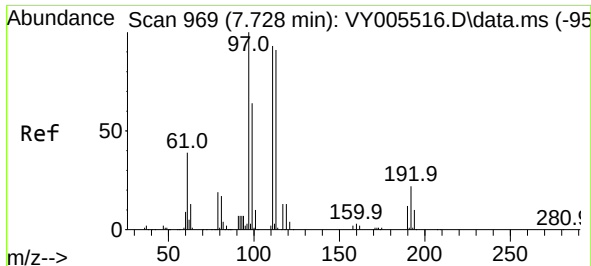
Tgt Ion: 65 Resp: 9267
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005836.D
 Acq: 25 Aug 2021 13:43

Tgt Ion: 114 Resp: 21566
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 39.2
 88 14.0 0.0 30.8

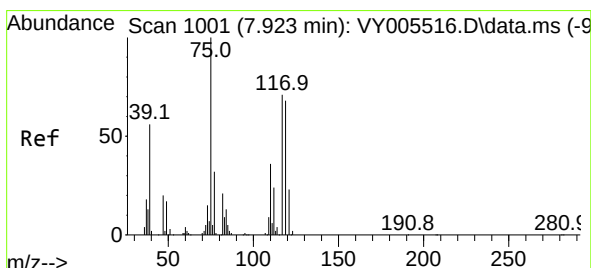
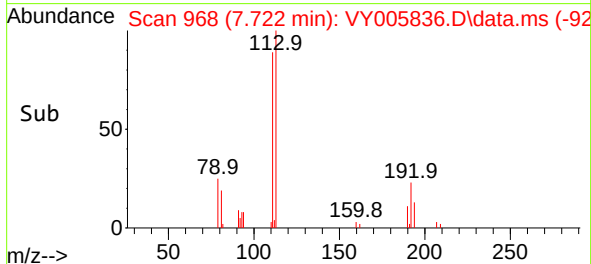
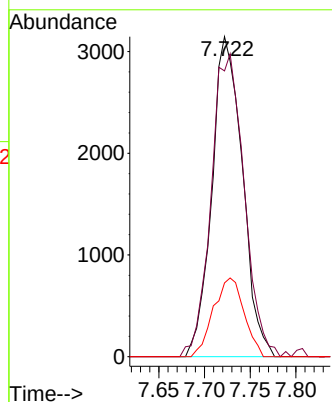
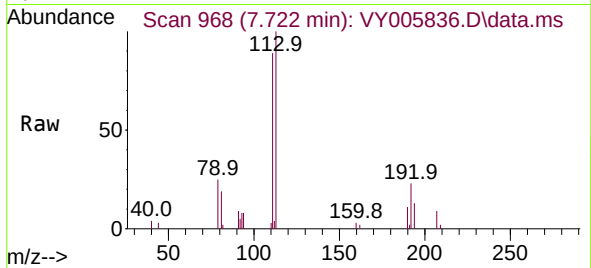




#35
Dibromofluoromethane
Concen: 60.567 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005836.D
Acq: 25 Aug 2021 13:43

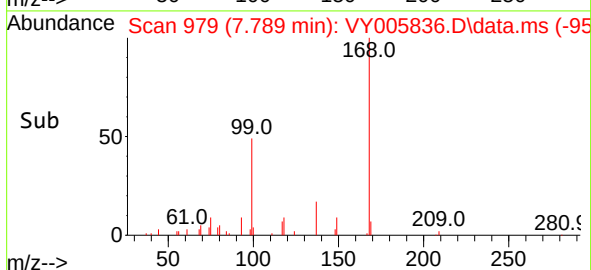
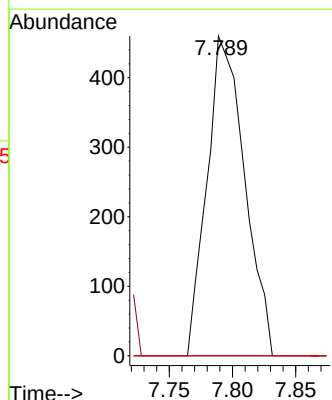
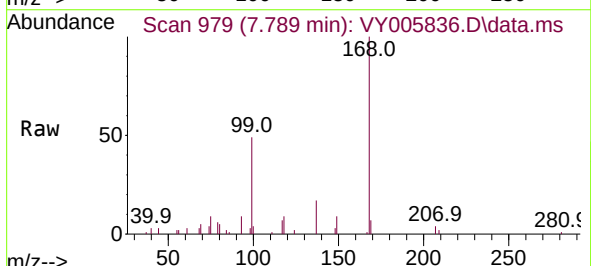
Instrument :
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ClientSampleId :
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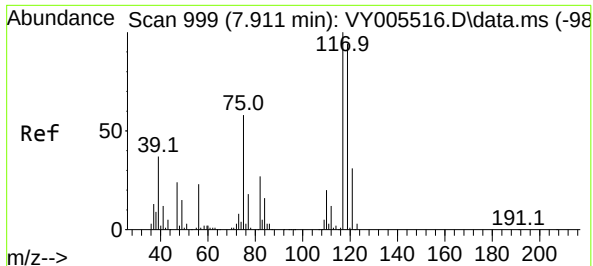
Tgt Ion:113 Resp: 7313
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 24.7 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.706 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY005836.D
Acq: 25 Aug 2021 13:43

Tgt Ion: 75 Resp: 952
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.1#
77 0.0 25.1 37.7#

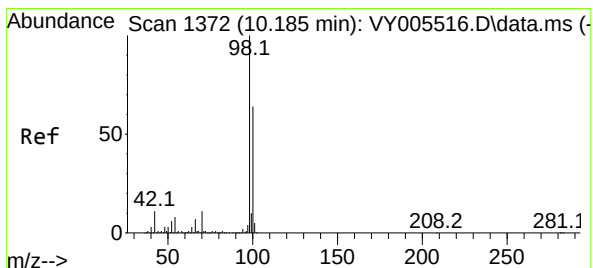
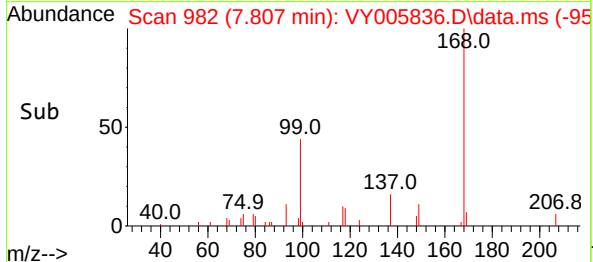
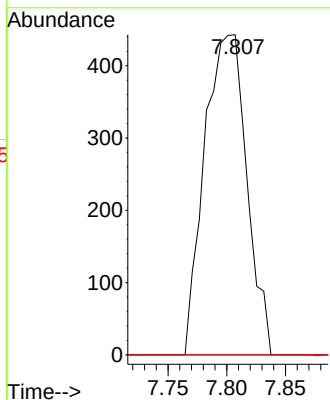
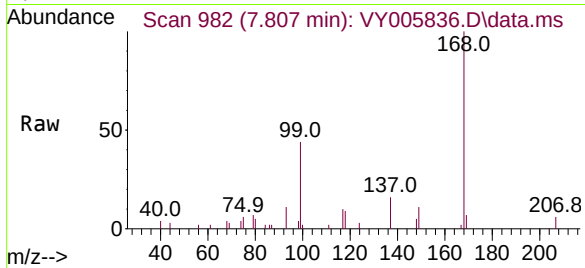




#38
Carbon Tetrachloride
Concen: 5.045 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.104 min
Lab File: VY005836.D
Acq: 25 Aug 2021 13:43

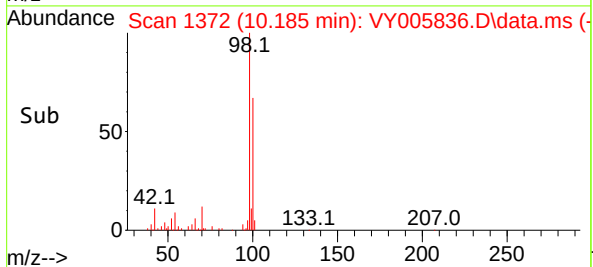
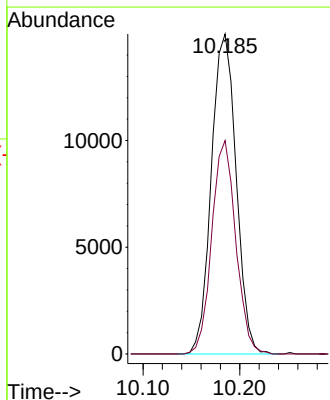
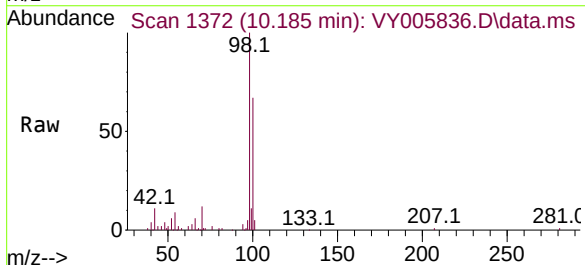
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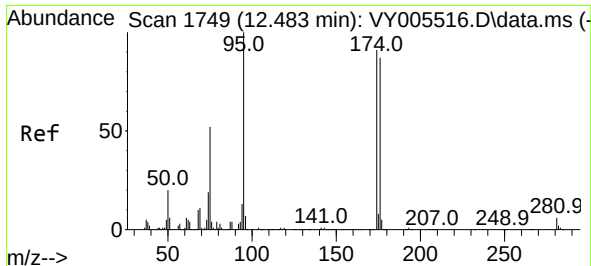
Tgt Ion:117 Resp: 1109
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.636 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005836.D
Acq: 25 Aug 2021 13:43

Tgt Ion: 98 Resp: 26654
Ion Ratio Lower Upper
98 100
100 64.5 51.3 76.9

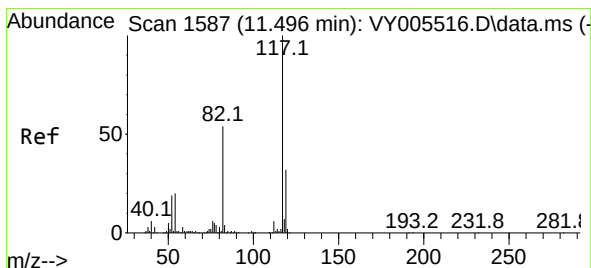
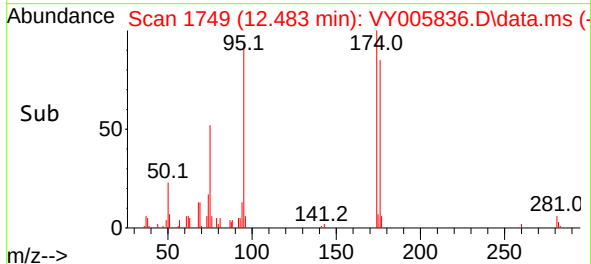
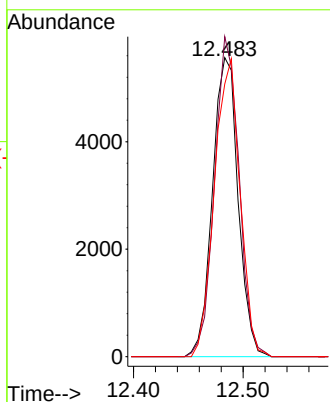
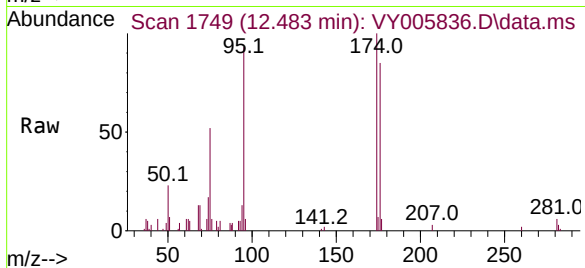




#62
4-Bromofluorobenzene
Concen: 53.933 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005836.D
Acq: 25 Aug 2021 13:43

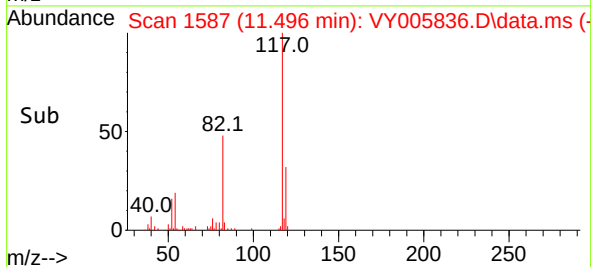
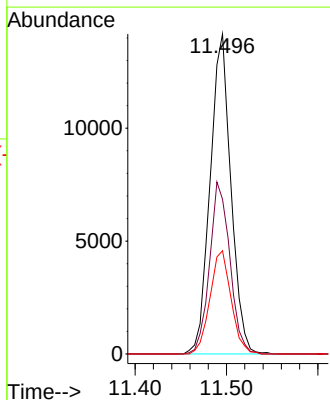
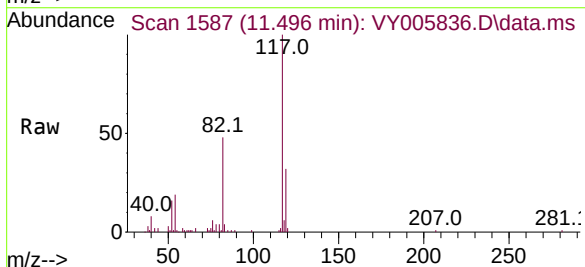
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-0824-21

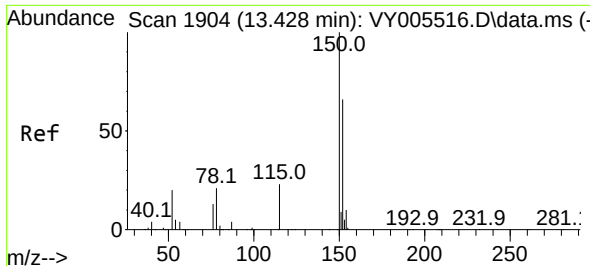
Tgt Ion:	95	Resp:	9044
Ion	Ratio	Lower	Upper
95	100		
174	102.2	0.0	191.4
176	99.5	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005836.D
Acq: 25 Aug 2021 13:43

Tgt Ion:	117	Resp:	22330
Ion	Ratio	Lower	Upper
117	100		
82	48.4	43.5	65.3
119	32.3	25.5	38.3

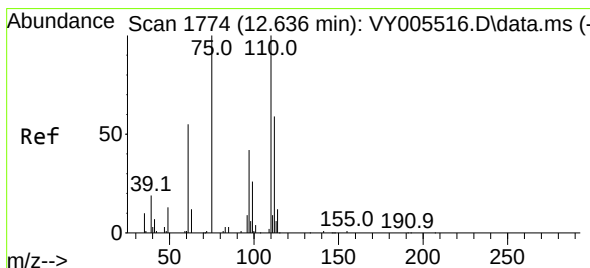
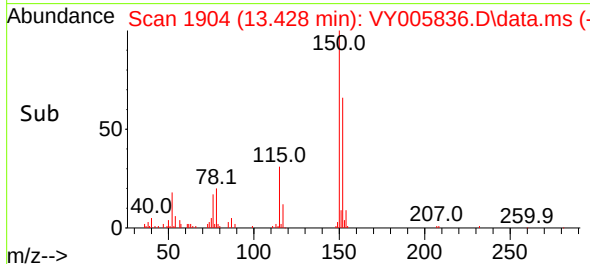
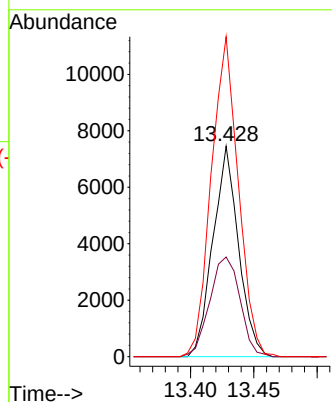
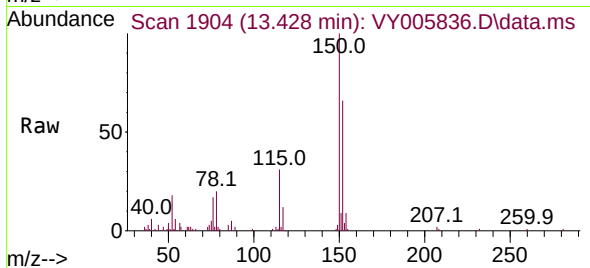




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005836.D
 Acq: 25 Aug 2021 13:43

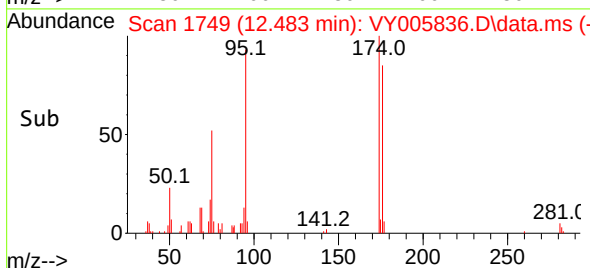
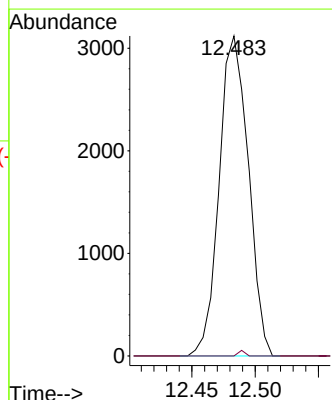
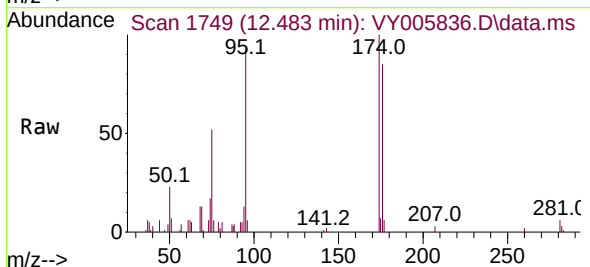
Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-0824-21

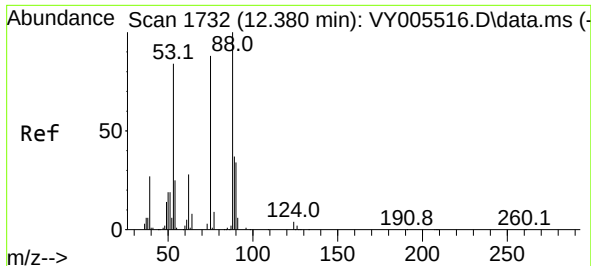
Tgt Ion:152 Resp: 10484
 Ion Ratio Lower Upper
 152 100
 115 56.0 27.3 81.9
 150 160.5 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.012 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005836.D
 Acq: 25 Aug 2021 13:43

Tgt Ion: 75 Resp: 4999
 Ion Ratio Lower Upper
 75 100
 77 0.4 0.0 0.0#

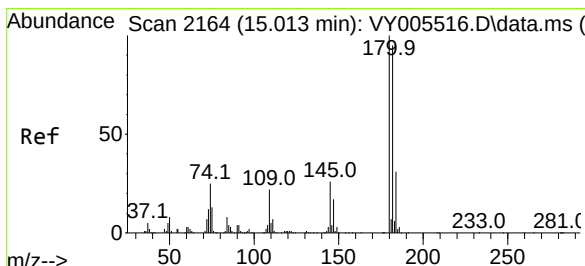
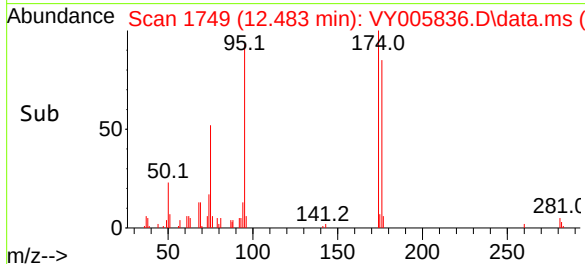
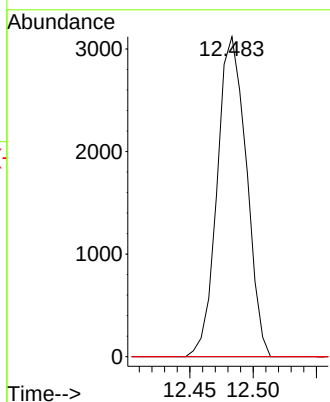
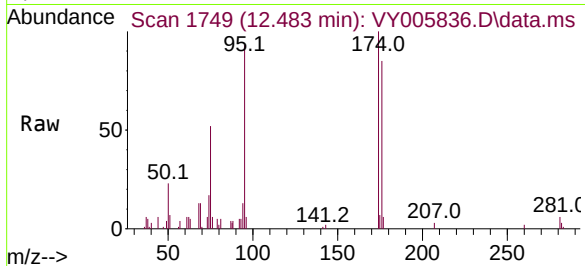




#81
trans-1,4-Dichloro-2-butene
Concen: 92.755 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005836.D
Acq: 25 Aug 2021 13:43

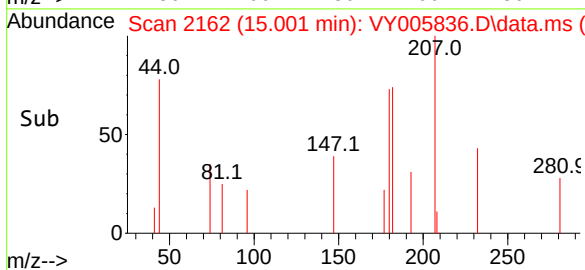
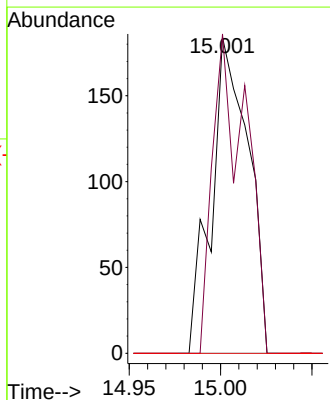
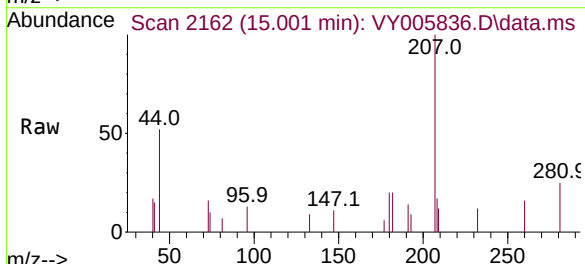
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-0824-21

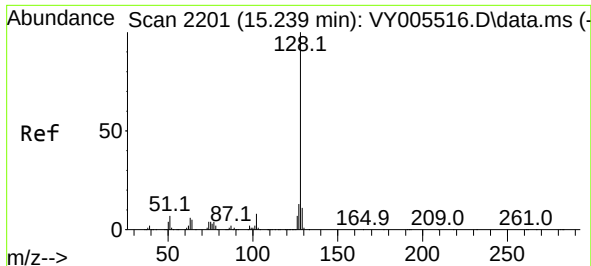
Tgt Ion: 75 Resp: 4999
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#



#93
1,2,4-Trichlorobenzene
Concen: 1.217 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.012 min
Lab File: VY005836.D
Acq: 25 Aug 2021 13:43

Tgt Ion:180 Resp: 259
Ion Ratio Lower Upper
180 100
182 91.5 47.8 143.4
145 0.0 14.0 42.0#

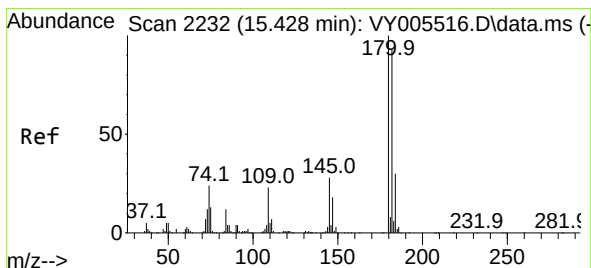
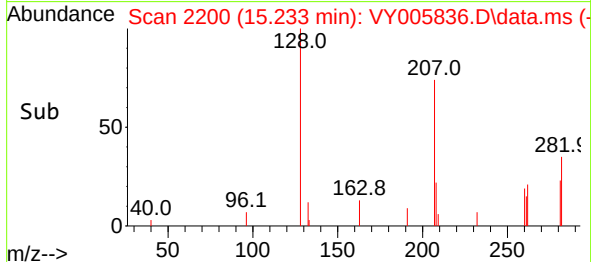
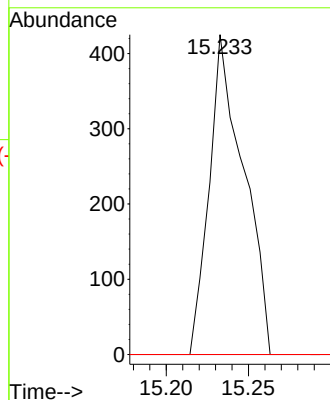
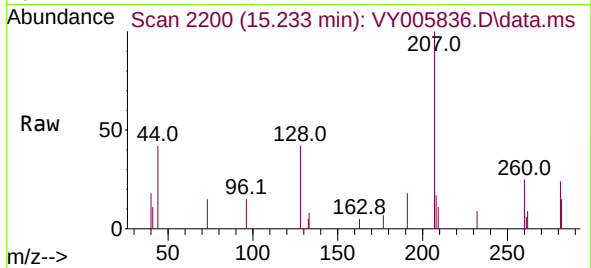




#95
Naphthalene
Concen: 1.473 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY005836.D
Acq: 25 Aug 2021 13:43

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-0824-21

Tgt Ion:128 Resp: 618
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 1.511 ug/l
RT: 15.416 min Scan# 2230
Delta R.T. -0.012 min
Lab File: VY005836.D
Acq: 25 Aug 2021 13:43

Tgt Ion:180 Resp: 285
Ion Ratio Lower Upper
180 100
182 71.9 47.9 143.6
145 6.7 14.6 44.0#

