

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004534.D
 Acq On : 20 Apr 2021 17:18
 Operator : SY/MD
 Sample : M2090-21
 Misc : 5.45G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 08:53:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

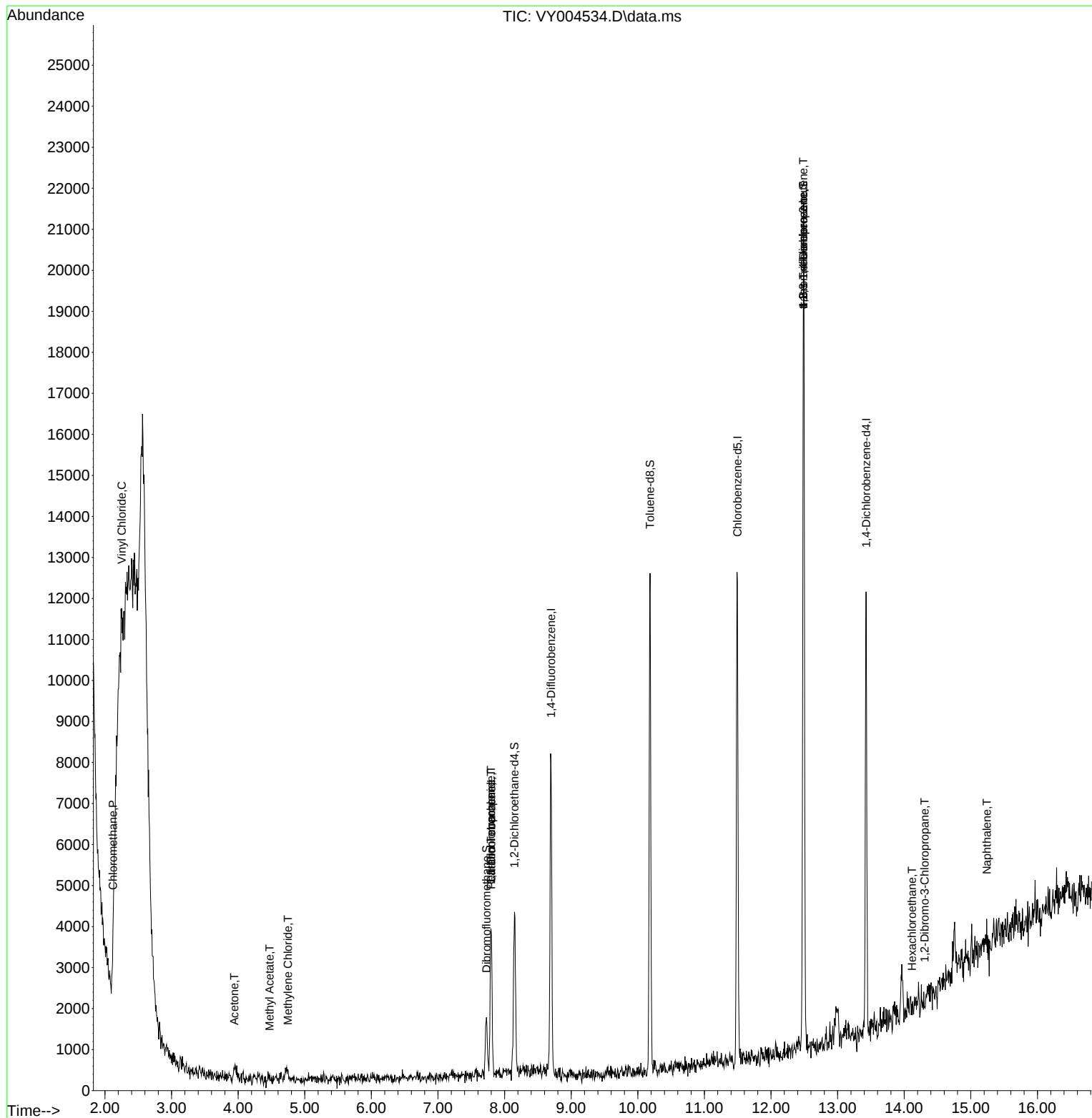
Internal Standards						
1) Pentafluorobenzene	7.801	168	2981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	6517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	6488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2416	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3233	97.61	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 195.22%#			
35) Dibromofluoromethane	7.728	113	1019	28.18	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 56.36%			
50) Toluene-d8	10.185	98	7569	49.20	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.40%			
62) 4-Bromofluorobenzene	12.483	95	2614	50.07	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.14%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	144	3.61	ug/l #	73
4) Vinyl Chloride	2.253	62	1357	32.17	ug/l #	43
16) Acetone	3.942	43	667	81.95	ug/l #	44
18) Methyl Acetate	4.472	43	42	1.82	ug/l #	54
20) Methylene Chloride	4.747	84	255	7.97	ug/l #	41
36) 1,1-Dichloropropene	7.795	75	286	4.42	ug/l #	42
38) Carbon Tetrachloride	7.795	117	285	5.09	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	1653	63.75	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1653	114.04	ug/l #	13
90) Hexachloroethane	14.117	117	27	1.22	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	14.306	75	25	3.94	ug/l #	2
95) Naphthalene	15.239	128	250	2.51	ug/l #	69

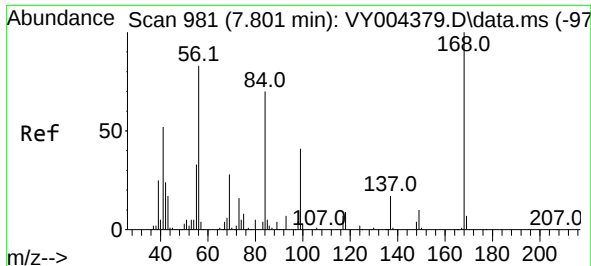
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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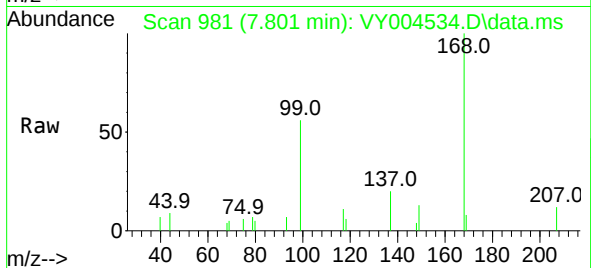
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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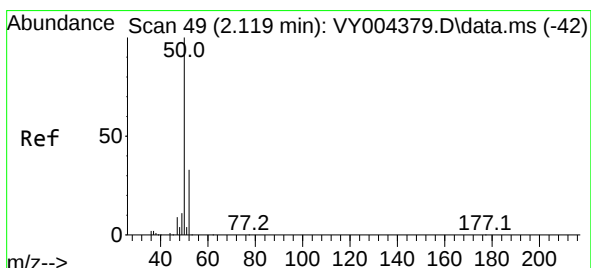
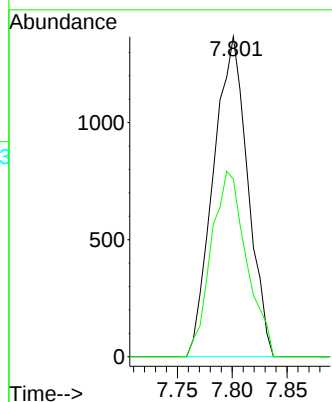
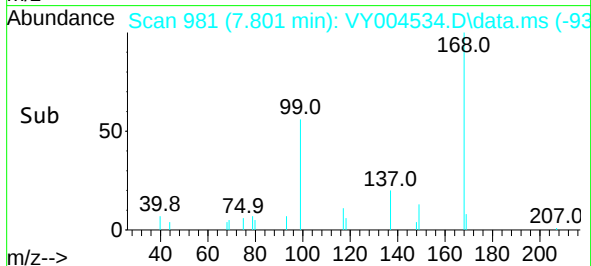


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004534.D
Acq: 20 Apr 2021 17:18

Instrument :
MSVOA_Y
ClientSampled :

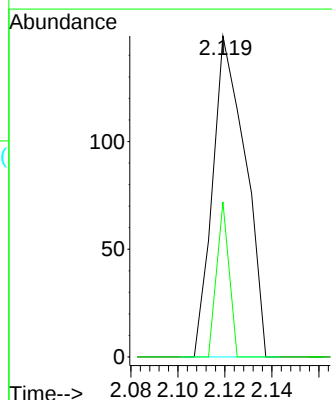
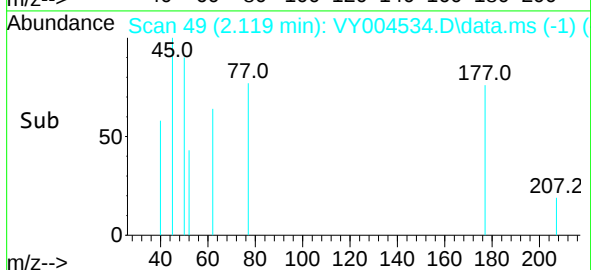
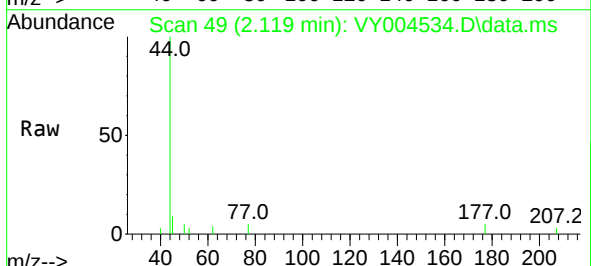


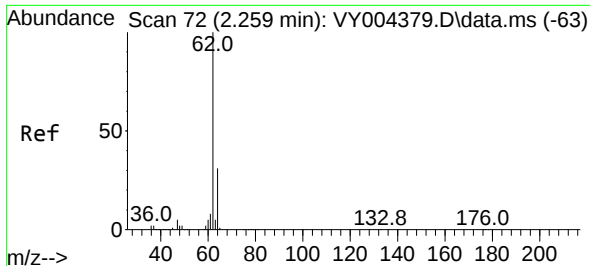
Tgt Ion:168 Resp: 2981
Ion Ratio Lower Upper
168 100
99 55.5 45.5 68.3



#3
Chloromethane
Concen: 3.61 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004534.D
Acq: 20 Apr 2021 17:18

Tgt Ion: 50 Resp: 144
Ion Ratio Lower Upper
50 100
52 48.3 26.6 39.8#

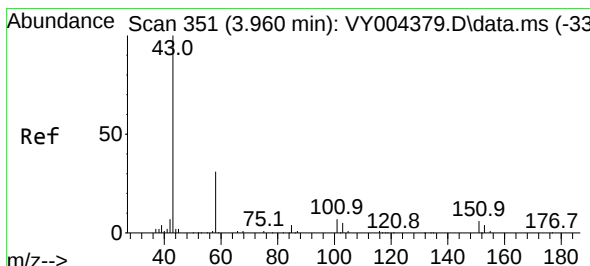
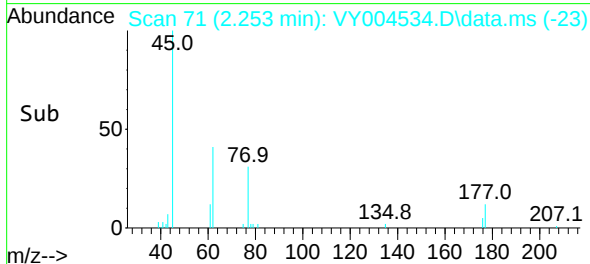
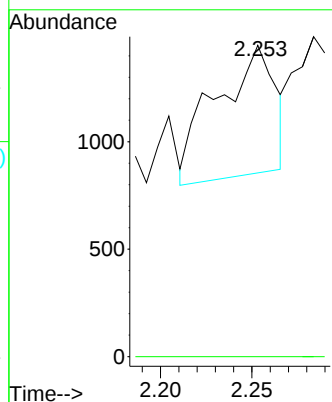
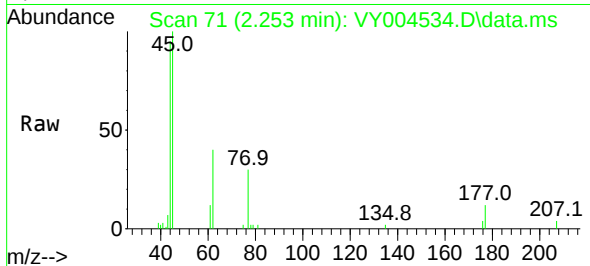




#4
 Vinyl Chloride
 Concen: 32.17 ug/l
 RT: 2.253 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VY004534.D
 Acq: 20 Apr 2021 17:18

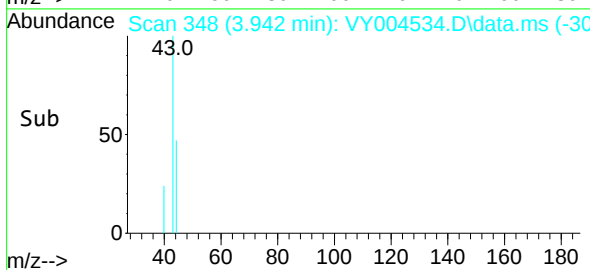
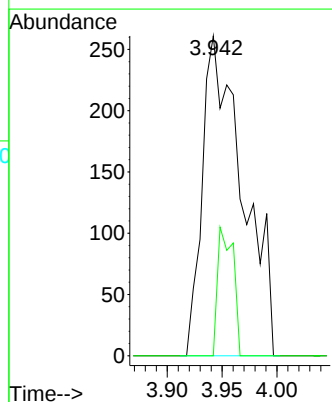
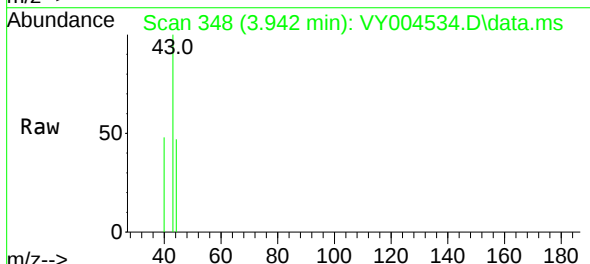
Instrument :
 MSVOA_Y
 ClientSampled :

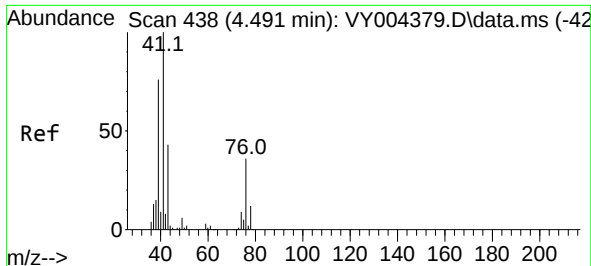
Tgt Ion: 62 Resp: 1357
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.1 37.7#



#16
 Acetone
 Concen: 81.95 ug/l
 RT: 3.942 min Scan# 348
 Delta R.T. -0.018 min
 Lab File: VY004534.D
 Acq: 20 Apr 2021 17:18

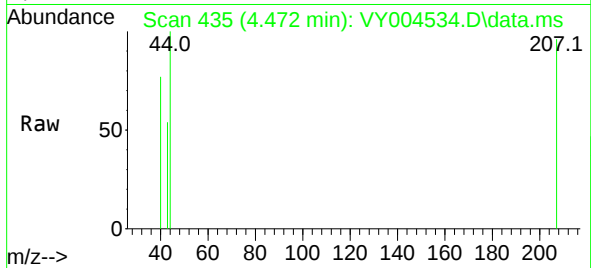
Tgt Ion: 43 Resp: 667
 Ion Ratio Lower Upper
 43 100
 58 0.0 24.6 37.0#



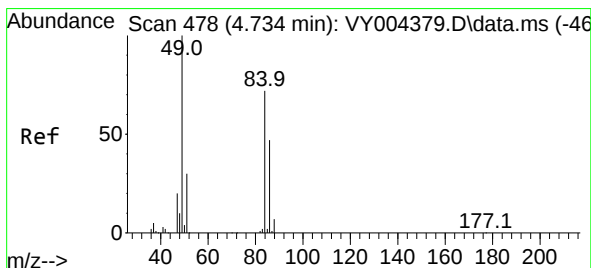
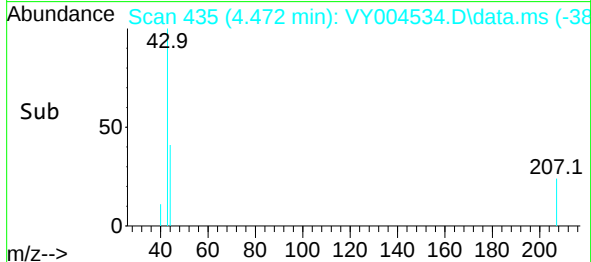
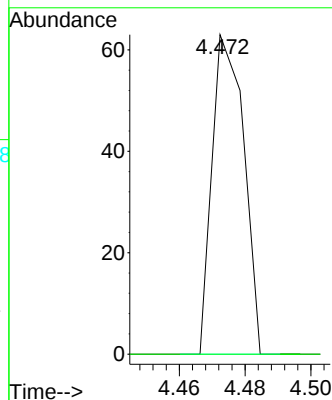


#18
Methyl Acetate
Concen: 1.82 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.018 min
Lab File: VY004534.D
Acq: 20 Apr 2021 17:18

Instrument :
MSVOA_Y
ClientSampled :

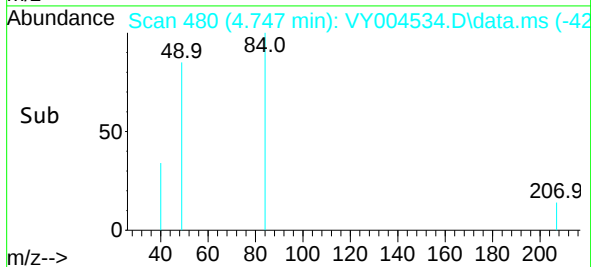
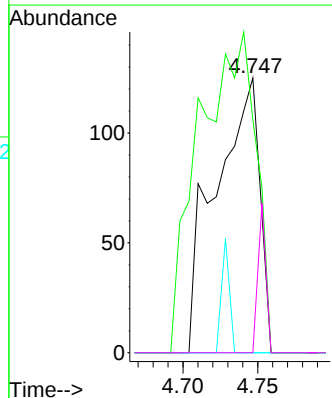
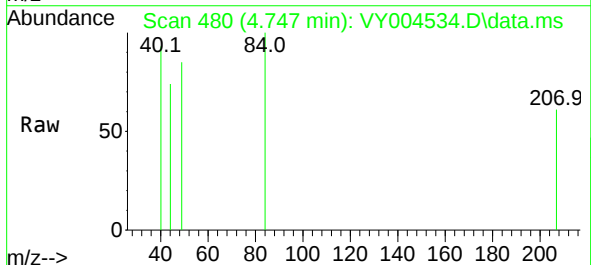


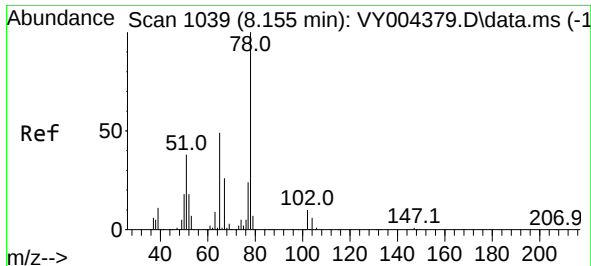
Tgt Ion: 43 Resp: 42
Ion Ratio Lower Upper
43 100
74 0.0 17.2 25.8#



#20
Methylene Chloride
Concen: 7.97 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.012 min
Lab File: VY004534.D
Acq: 20 Apr 2021 17:18

Tgt Ion: 84 Resp: 255
Ion Ratio Lower Upper
84 100
49 84.8 111.2 166.8#
51 0.0 33.4 50.2#
86 0.0 52.7 79.1#

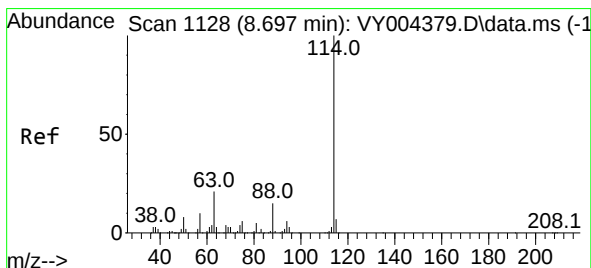
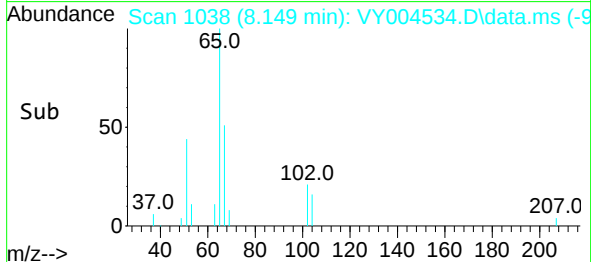
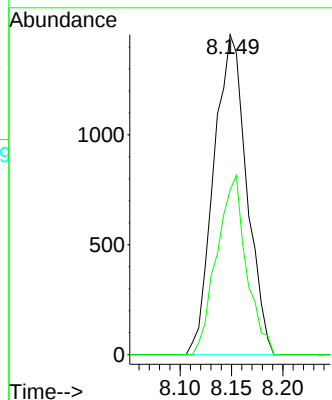
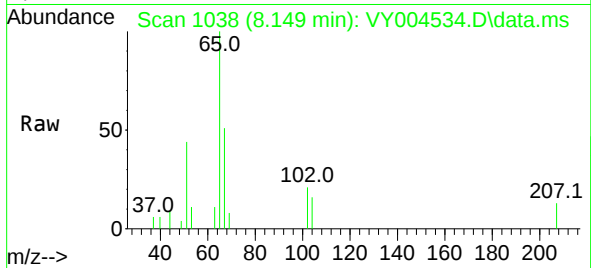




#33
1,2-Dichloroethane-d4
Concen: 97.61 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004534.D
Acq: 20 Apr 2021 17:18

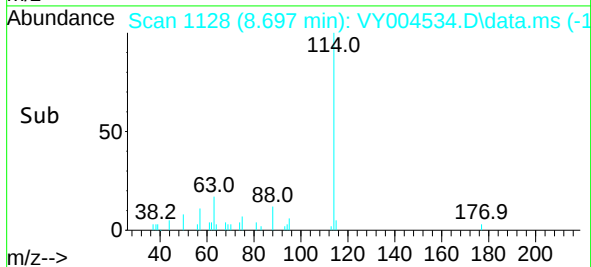
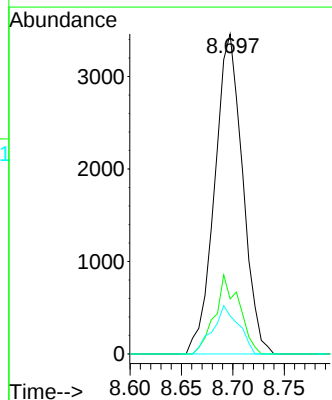
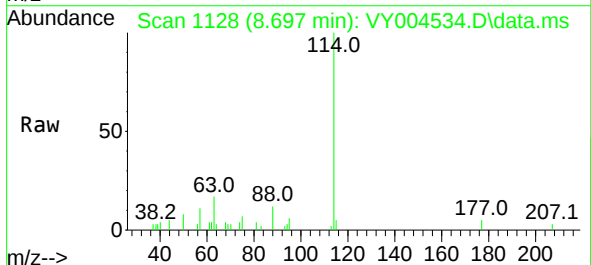
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 65 Resp: 3233
Ion Ratio Lower Upper
65 100
67 50.4 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004534.D
Acq: 20 Apr 2021 17:18

Tgt Ion: 114 Resp: 6517
Ion Ratio Lower Upper
114 100
63 17.2 0.0 42.4
88 11.9 0.0 30.8

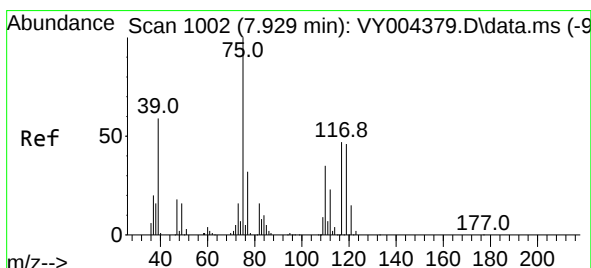
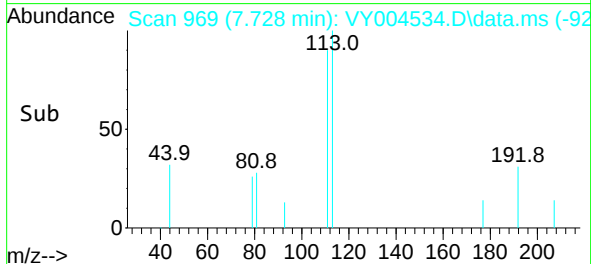
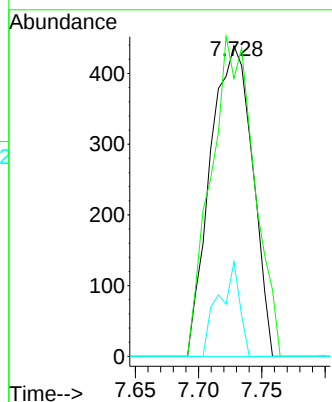
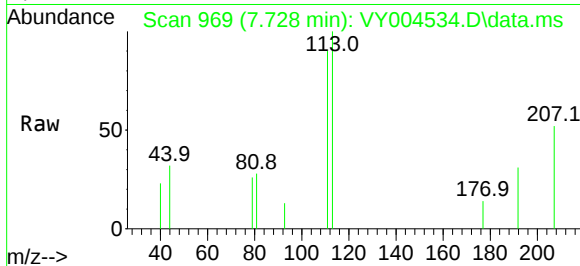




#35
Dibromofluoromethane
Concen: 28.18 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004534.D
Acq: 20 Apr 2021 17:18

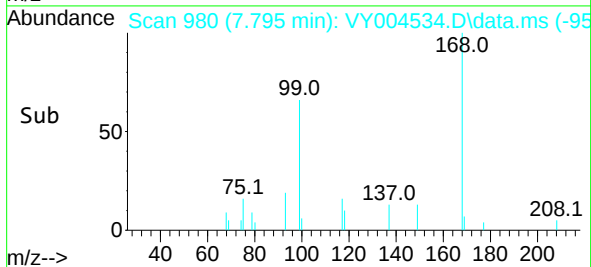
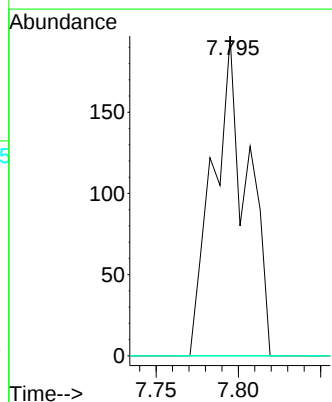
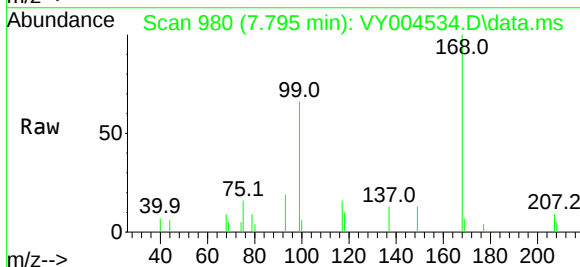
Instrument :
MSVOA_Y
ClientSampleId :

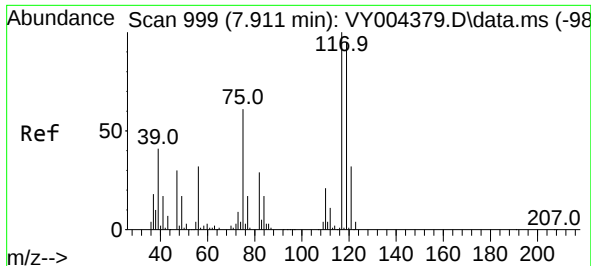
Tgt Ion:113 Resp: 1019
Ion Ratio Lower Upper
113 100
111 104.8 82.6 123.8
192 15.2 16.1 24.1#



#36
1,1-Dichloropropene
Concen: 4.42 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004534.D
Acq: 20 Apr 2021 17:18

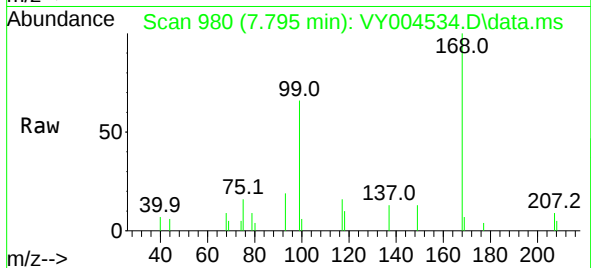
Tgt Ion: 75 Resp: 286
Ion Ratio Lower Upper
75 100
110 0.0 17.3 51.7#
77 0.0 24.3 36.5#



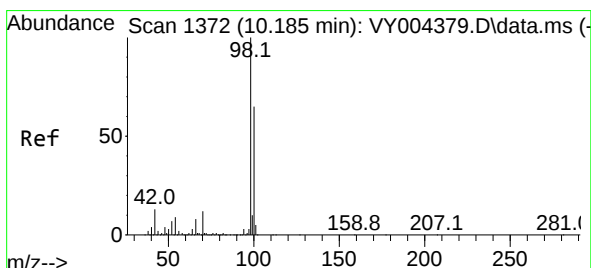
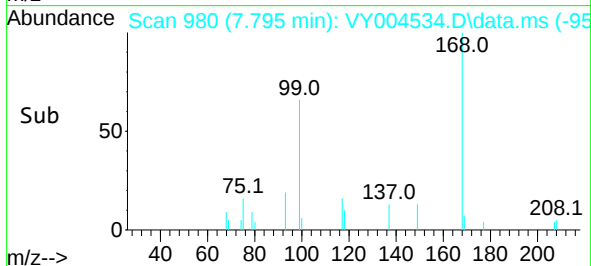
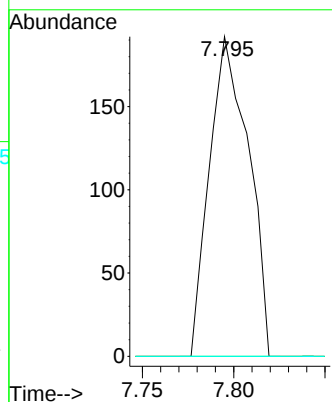


#38
Carbon Tetrachloride
Concen: 5.09 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004534.D
Acq: 20 Apr 2021 17:18

Instrument :
MSVOA_Y
ClientSampleId :

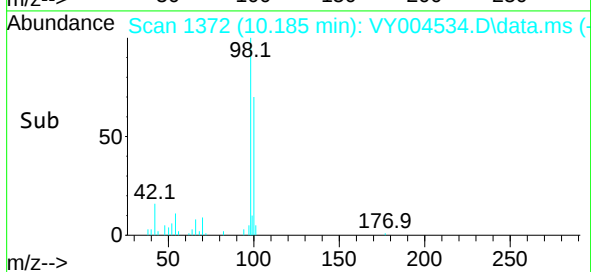
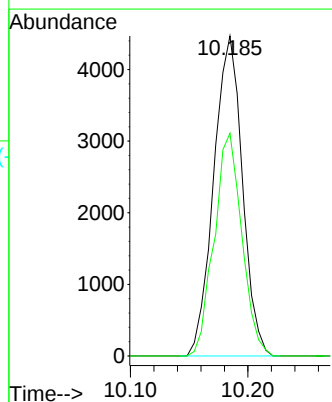
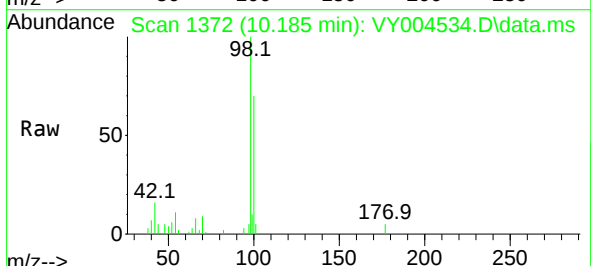


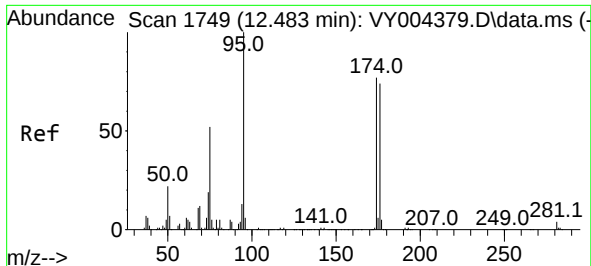
Tgt Ion:117 Resp: 285
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.20 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004534.D
Acq: 20 Apr 2021 17:18

Tgt Ion: 98 Resp: 7569
Ion Ratio Lower Upper
98 100
100 67.2 51.8 77.6

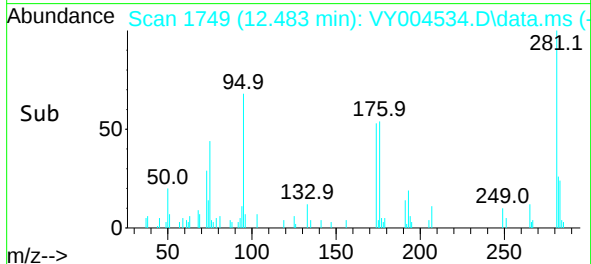
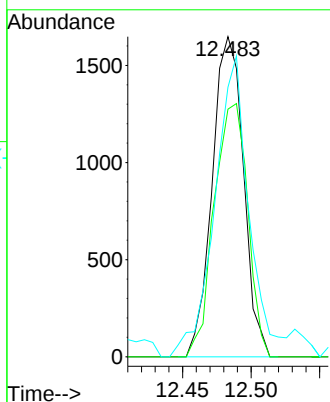
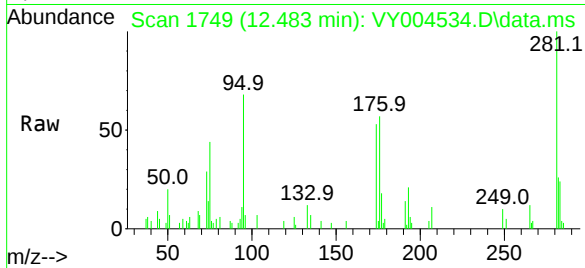




#62
4-Bromofluorobenzene
Concen: 50.07 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004534.D
Acq: 20 Apr 2021 17:18

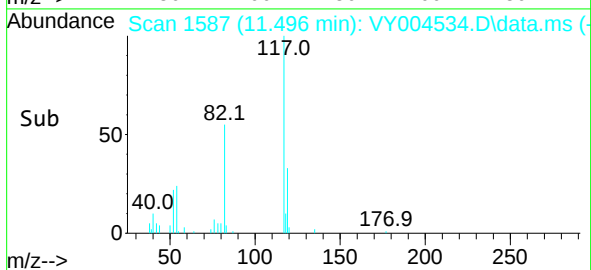
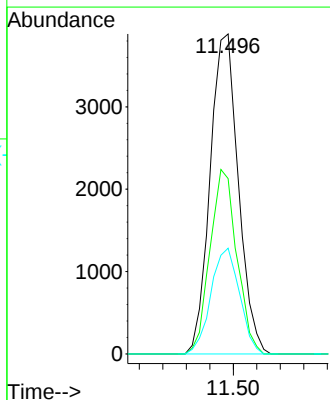
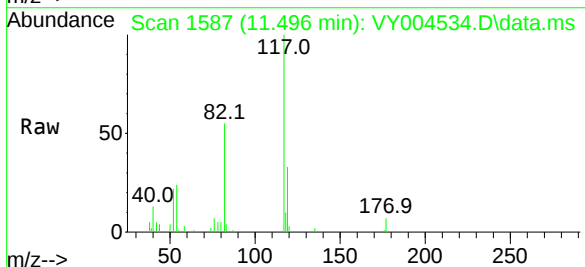
Instrument :
MSVOA_Y
ClientSampleId :

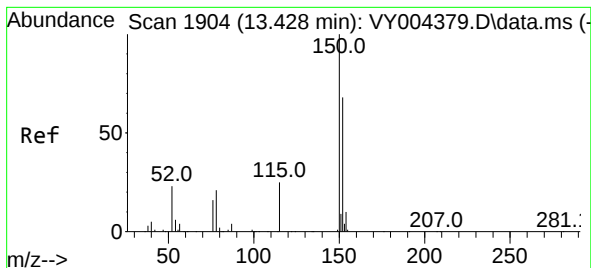
Tgt Ion: 95 Resp: 2614
Ion Ratio Lower Upper
95 100
174 84.8 0.0 162.4
176 102.6 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004534.D
Acq: 20 Apr 2021 17:18

Tgt Ion: 117 Resp: 6488
Ion Ratio Lower Upper
117 100
82 54.8 44.9 67.3
119 33.0 25.4 38.0

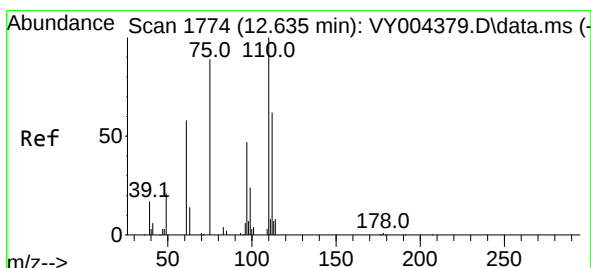
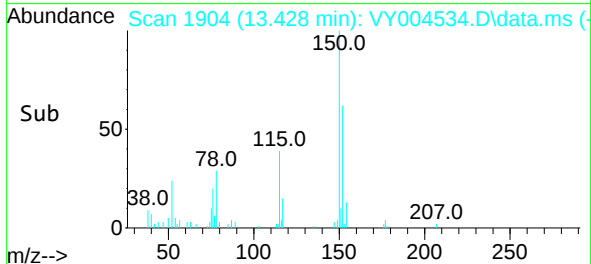
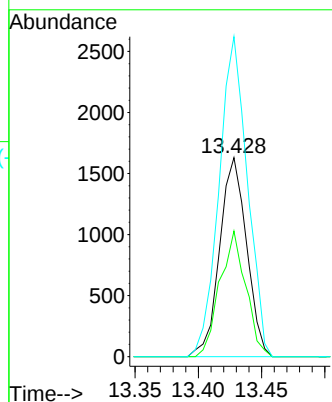
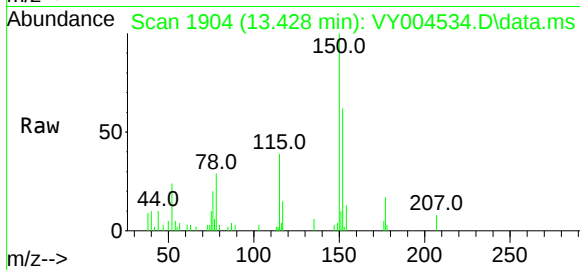




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004534.D
 Acq: 20 Apr 2021 17:18

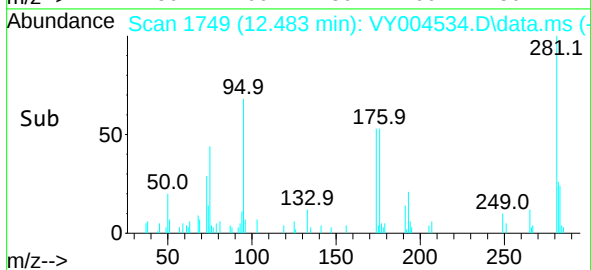
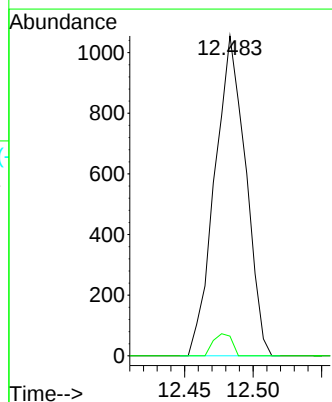
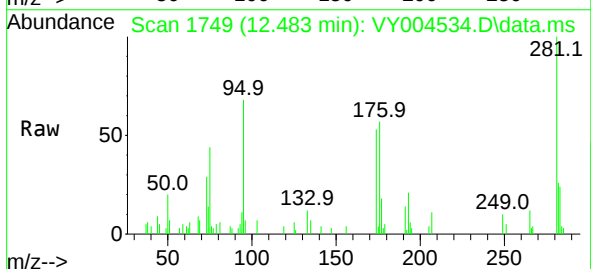
Instrument :
 MSVOA_Y
 ClientSampled :

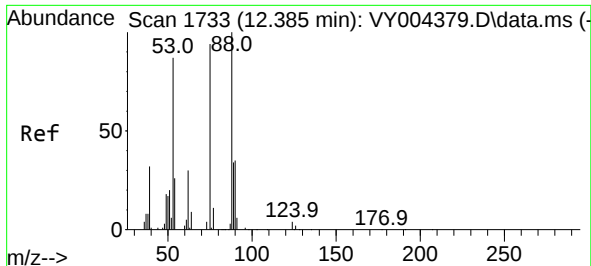
Tgt Ion:152 Resp: 2416
 Ion Ratio Lower Upper
 152 100
 115 60.6 29.6 88.8
 150 169.1 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 63.75 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004534.D
 Acq: 20 Apr 2021 17:18

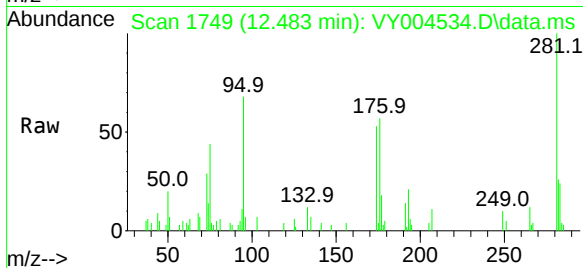
Tgt Ion: 75 Resp: 1653
 Ion Ratio Lower Upper
 75 100
 77 4.2 0.0 0.0#



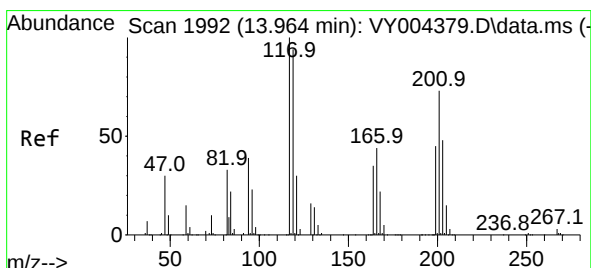
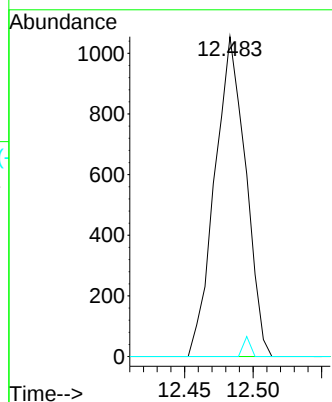
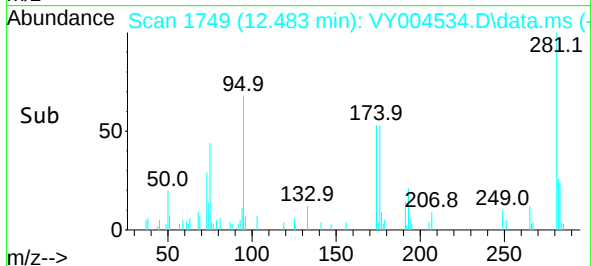


#81
trans-1,4-Dichloro-2-butene
Concen: 114.04 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004534.D
Acq: 20 Apr 2021 17:18

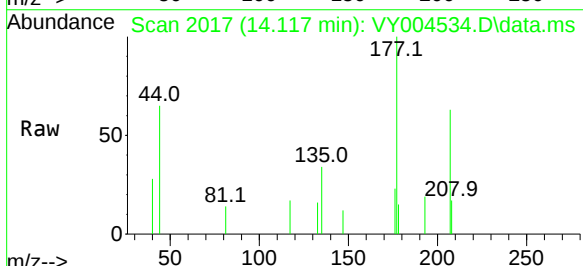
Instrument :
MSVOA_Y
ClientSampleId :



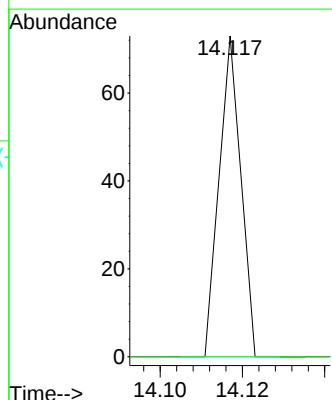
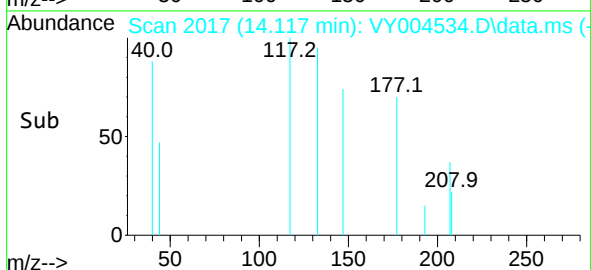
Tgt Ion: 75 Resp: 1653
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 1.5 36.1 54.1#

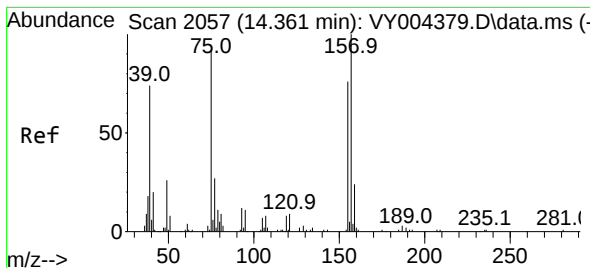


#90
Hexachloroethane
Concen: 1.22 ug/l
RT: 14.117 min Scan# 2017
Delta R.T. 0.153 min
Lab File: VY004534.D
Acq: 20 Apr 2021 17:18



Tgt Ion: 117 Resp: 27
Ion Ratio Lower Upper
117 100
201 0.0 36.6 109.9#

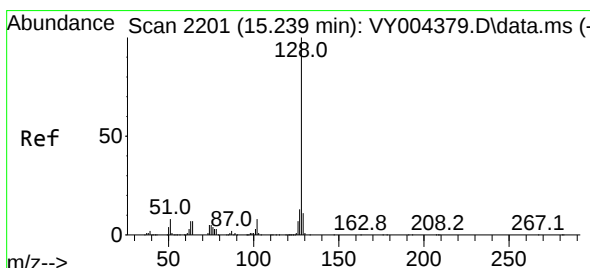
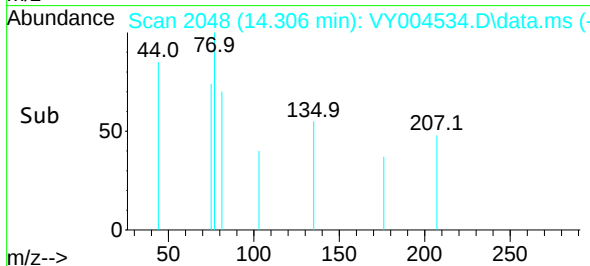
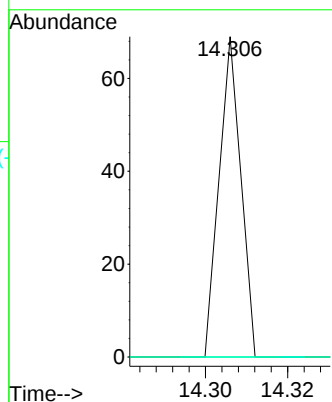
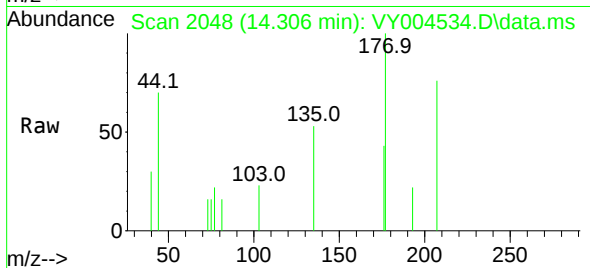




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.94 ug/l
RT: 14.306 min Scan# 2048
Delta R.T. -0.055 min
Lab File: VY004534.D
Acq: 20 Apr 2021 17:18

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 25
Ion Ratio Lower Upper
75 100
155 0.0 40.6 121.8#
157 0.0 53.0 159.0#



#95
Naphthalene
Concen: 2.51 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004534.D
Acq: 20 Apr 2021 17:18

Tgt Ion: 128 Resp: 250
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.8 13.2#

