

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
 Data File : VY004995.D
 Acq On : 07 Jun 2021 16:09
 Operator : SY/MD
 Sample : M2612-12
 Misc : 10.41G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 08 02:09:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

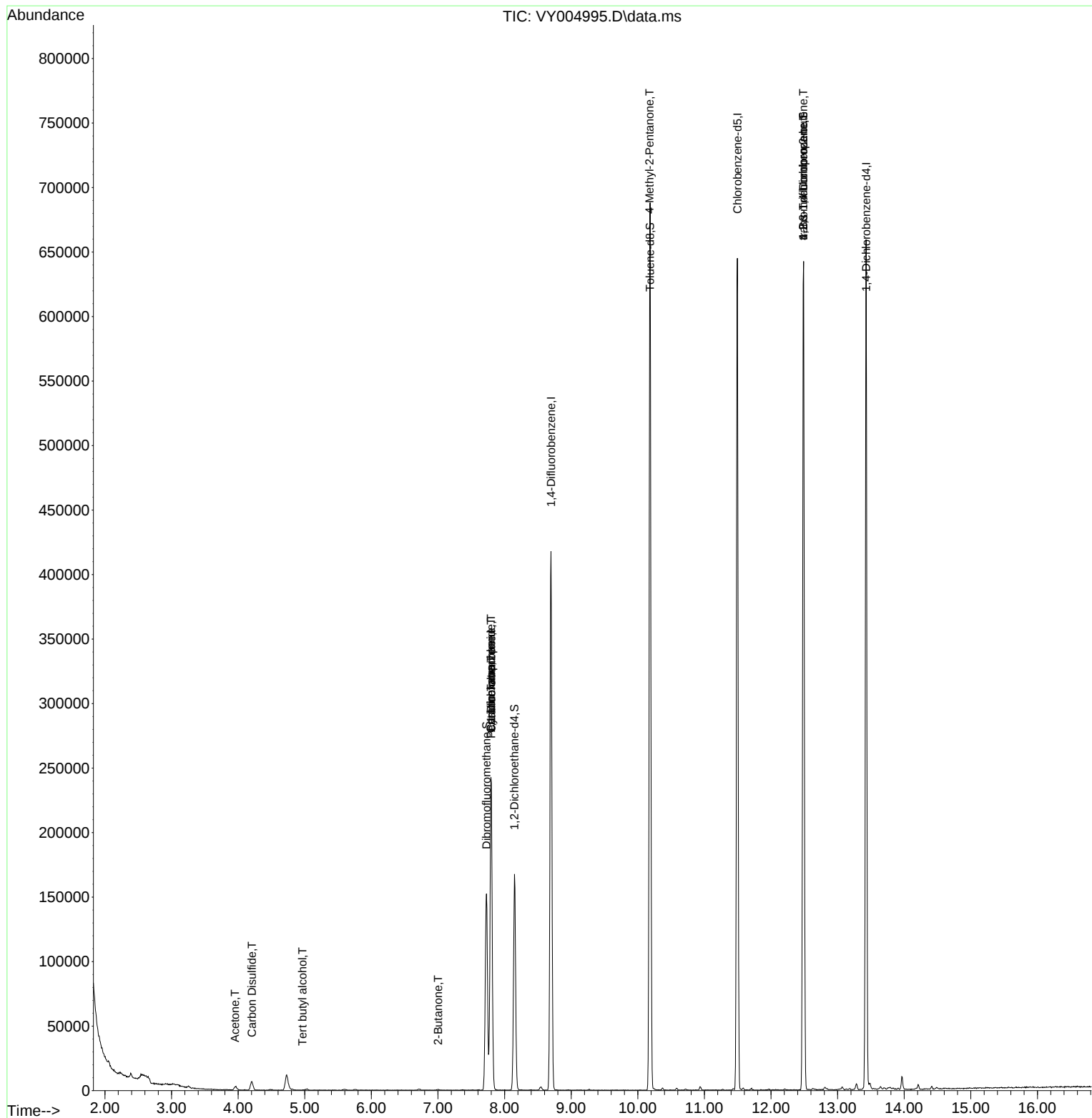
Internal Standards						
1) Pentafluorobenzene	7.801	168	185032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	352721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	347402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	124967	63.885	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.780%			
35) Dibromofluoromethane	7.728	113	108910	57.391	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.780%			
50) Toluene-d8	10.185	98	443349	56.253	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.500%			
62) 4-Bromofluorobenzene	12.483	95	150366	55.475	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.940%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.966	59	359	1.596	ug/l #	74
13) Acrolein	3.735	56	30	Below Cal	#	15
16) Acetone	3.954	43	5087	10.803	ug/l	99
17) Carbon Disulfide	4.204	76	13272	2.270	ug/l	100
20) Methylene Chloride	4.728	84	8384	Below Cal		93
25) 2-Butanone	7.002	43	1014	1.281	ug/l	91
31) Cyclohexane	7.795	56	3871	1.124	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	14981	4.340	ug/l #	48
38) Carbon Tetrachloride	7.795	117	18411	6.128	ug/l #	18
51) 4-Methyl-2-Pentanone	10.179	43	2151	1.007	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	82098	47.554	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	82098	87.393	ug/l #	15

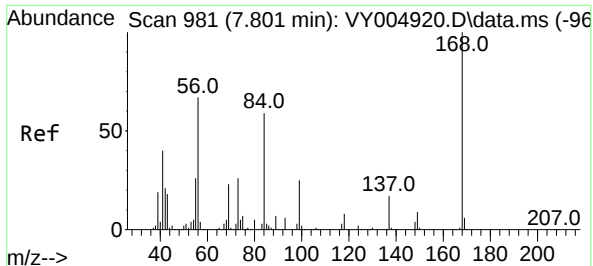
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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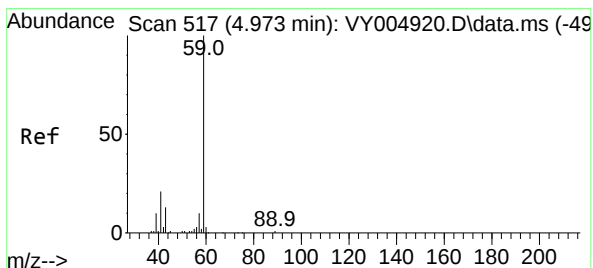
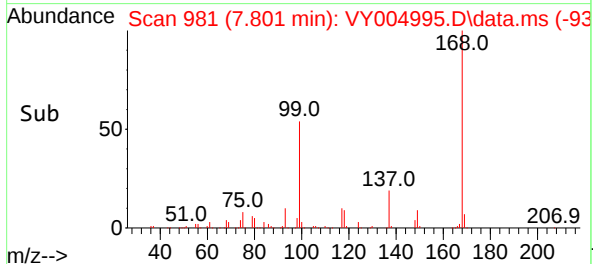
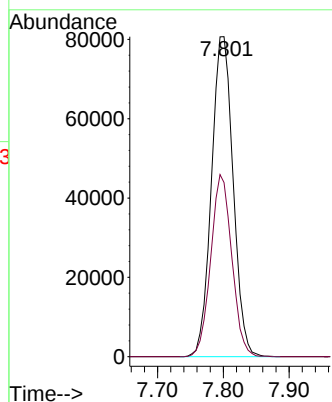
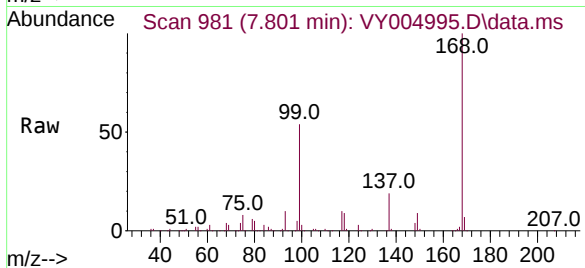




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004995.D
Acq: 07 Jun 2021 16:09

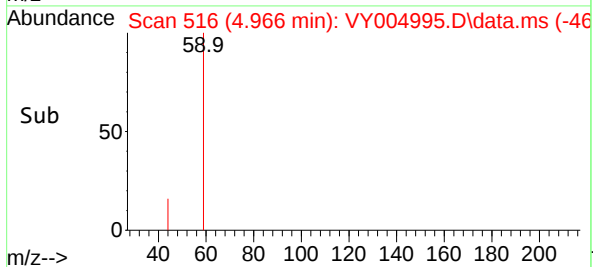
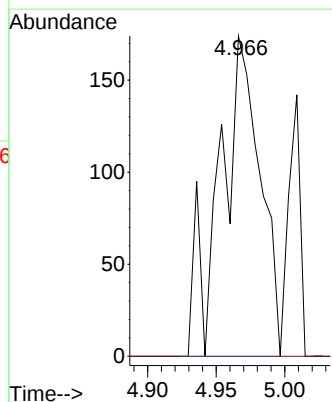
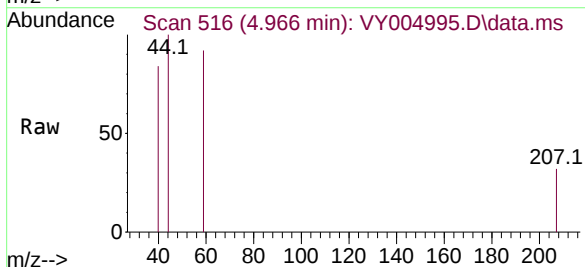
Instrument :
MSVOA_Y
ClientSampleId :

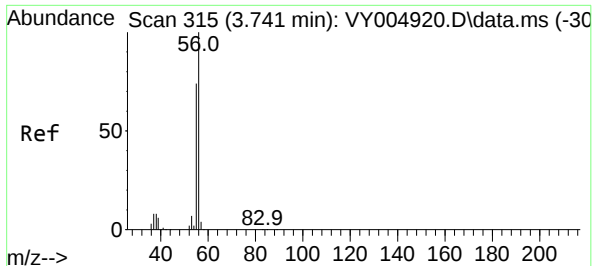
Tgt Ion:168 Resp: 185032
Ion Ratio Lower Upper
168 100
99 54.4 43.9 65.9



#11
Tert butyl alcohol
Concen: 1.596 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY004995.D
Acq: 07 Jun 2021 16:09

Tgt Ion: 59 Resp: 359
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

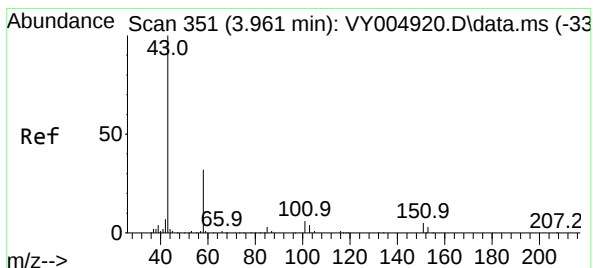
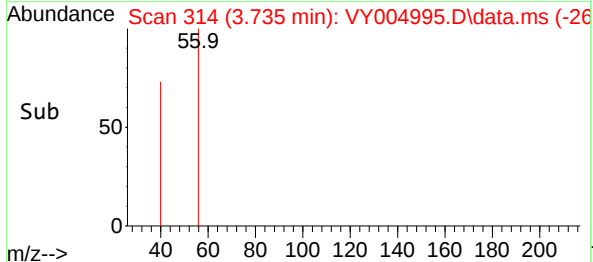
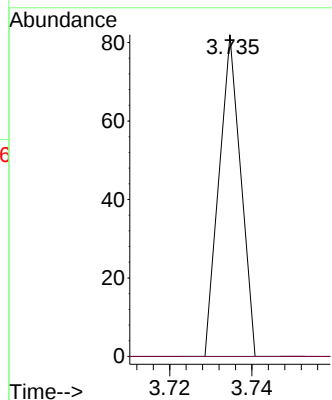
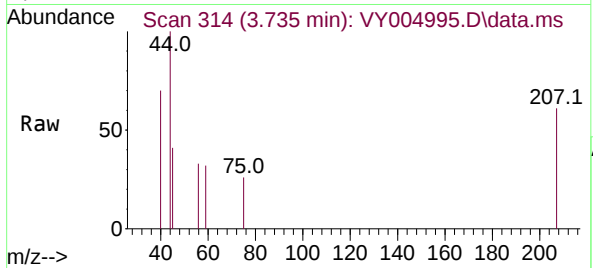




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY004995.D
Acq: 07 Jun 2021 16:09

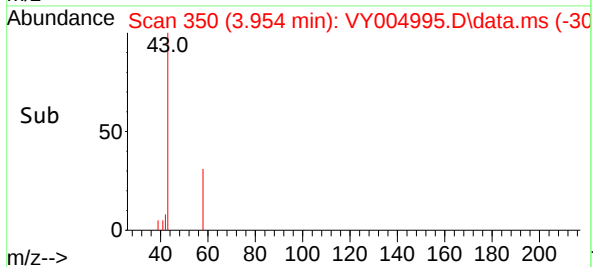
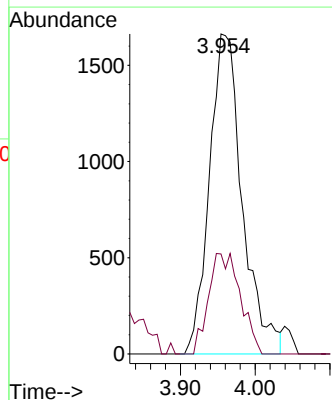
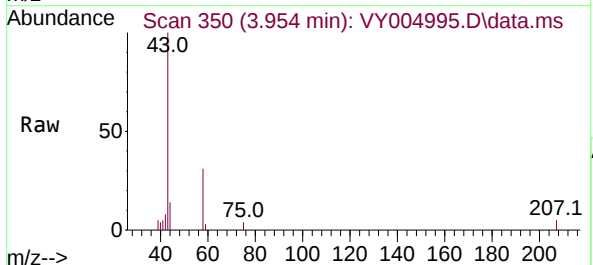
Instrument :
MSVOA_Y
ClientSampled :

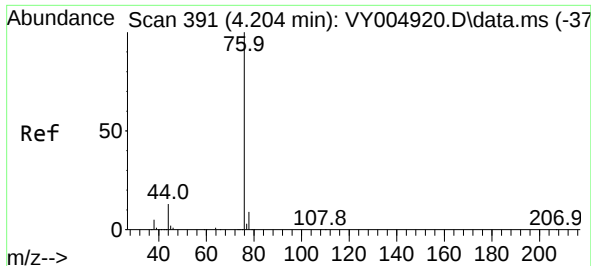
Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.2#



#16
Acetone
Concen: 10.803 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004995.D
Acq: 07 Jun 2021 16:09

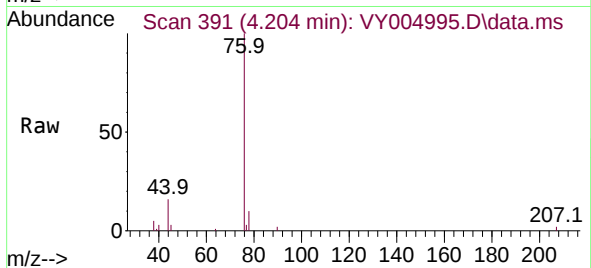
Tgt Ion: 43 Resp: 5087
Ion Ratio Lower Upper
43 100
58 31.3 25.3 37.9



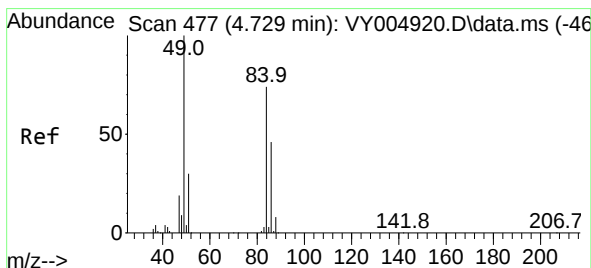
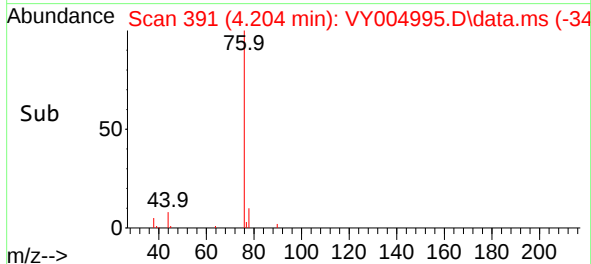
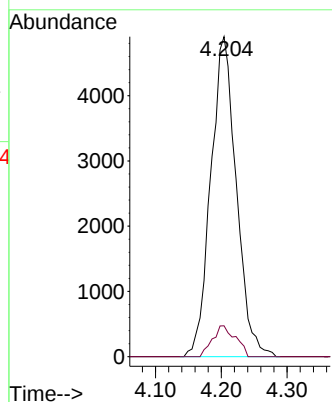


#17
Carbon Disulfide
Concen: 2.270 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004995.D
Acq: 07 Jun 2021 16:09

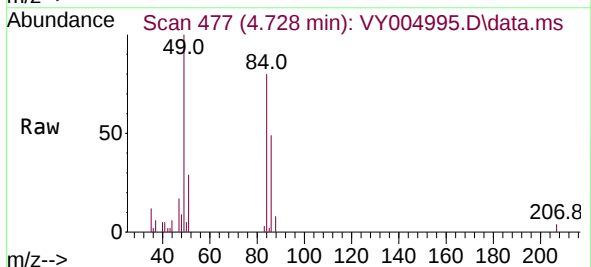
Instrument :
MSVOA_Y
ClientSampled :



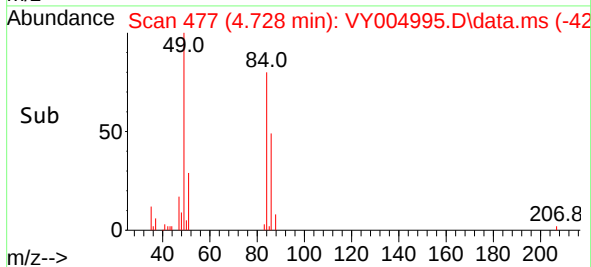
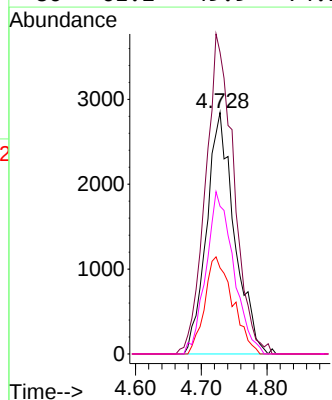
Tgt Ion: 76 Resp: 13272
Ion Ratio Lower Upper
76 100
78 9.7 7.6 11.4

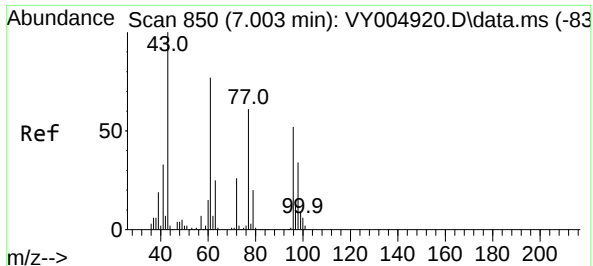


#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY004995.D
Acq: 07 Jun 2021 16:09



Tgt Ion: 84 Resp: 8384
Ion Ratio Lower Upper
84 100
49 124.9 108.0 162.0
51 35.6 32.6 48.8
86 61.2 49.9 74.9





#25

2-Butanone

Concen: 1.281 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY004995.D

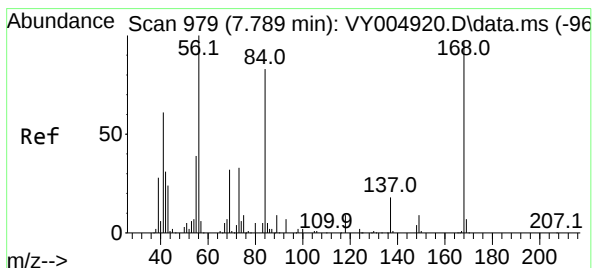
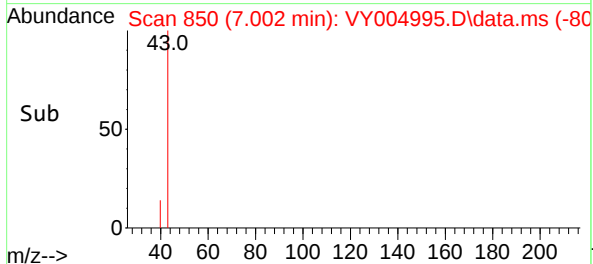
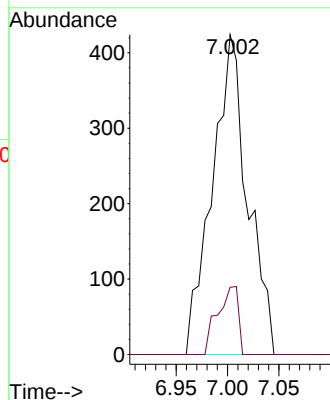
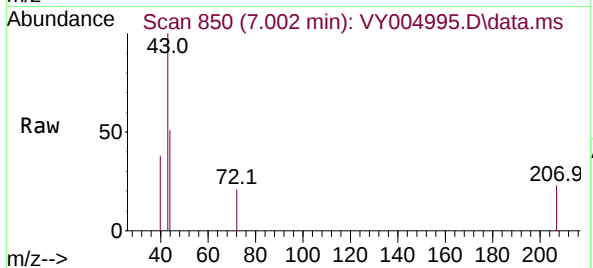
Acq: 07 Jun 2021 16:09

Tgt Ion: 43 Resp: 1014

Ion Ratio Lower Upper

43 100

72 21.0 20.6 31.0



#31

Cyclohexane

Concen: 1.124 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY004995.D

Acq: 07 Jun 2021 16:09

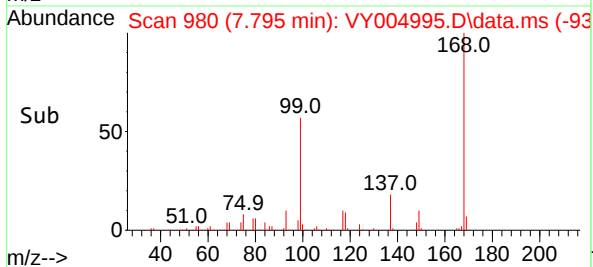
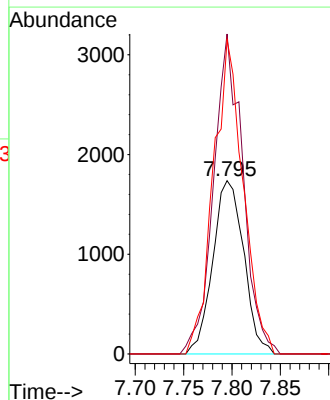
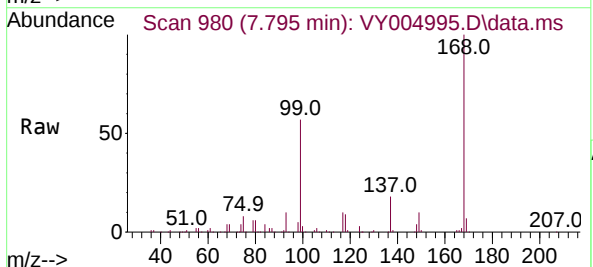
Tgt Ion: 56 Resp: 3871

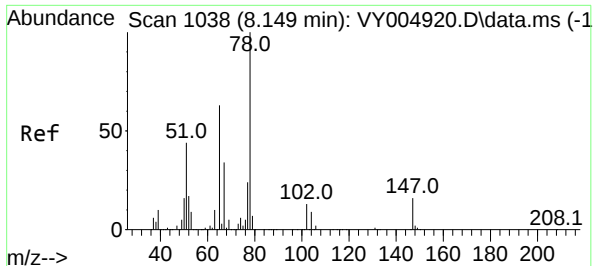
Ion Ratio Lower Upper

56 100

69 184.6 25.3 37.9#

84 181.5 66.2 99.4#

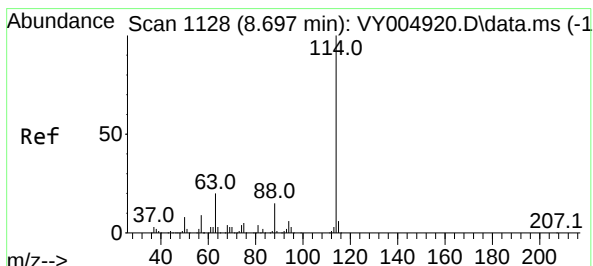
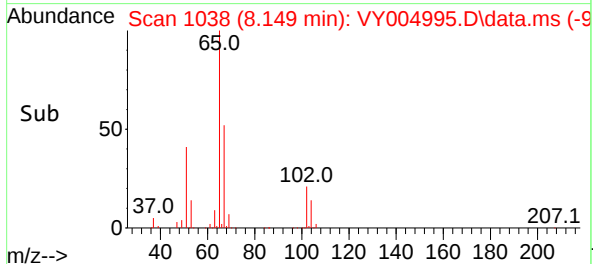
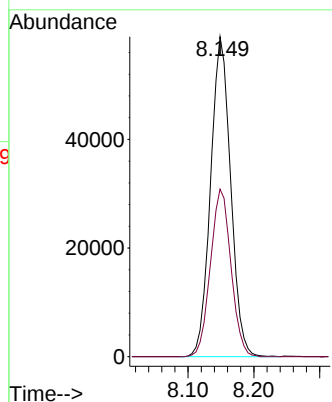
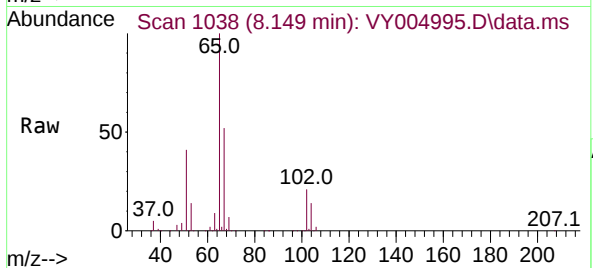




#33
1,2-Dichloroethane-d4
Concen: 63.885 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004995.D
Acq: 07 Jun 2021 16:09

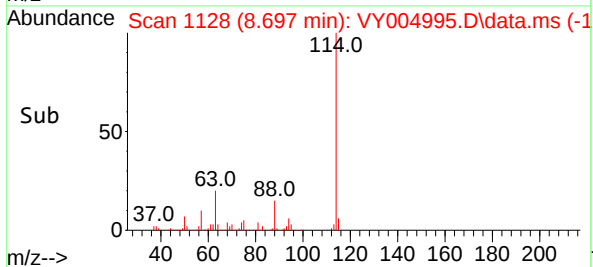
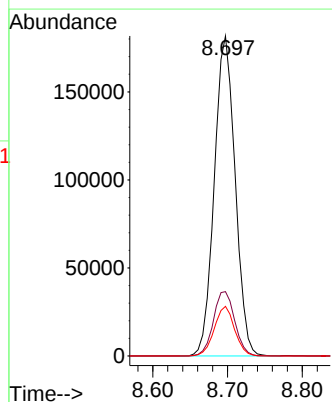
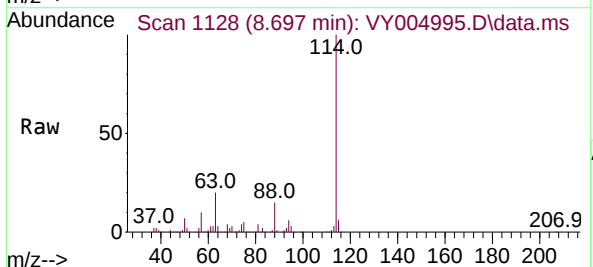
Instrument :
MSVOA_Y
ClientSampled :

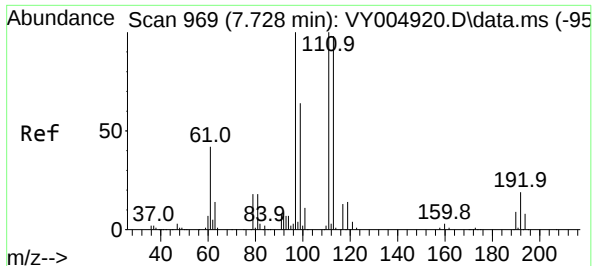
Tgt Ion: 65 Resp: 124967
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004995.D
Acq: 07 Jun 2021 16:09

Tgt Ion:114 Resp: 352721
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.0
88 15.5 0.0 30.6

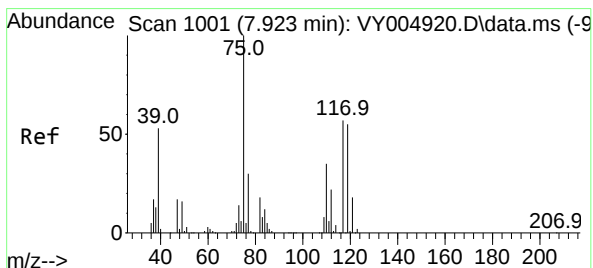
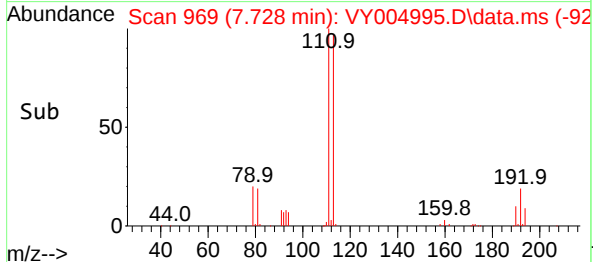
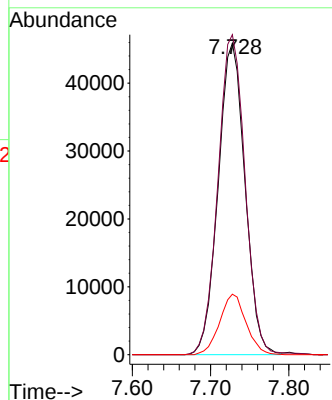
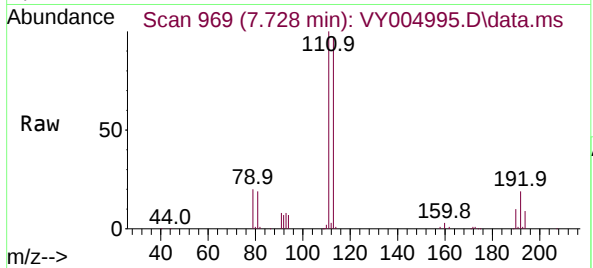




#35
Dibromofluoromethane
Concen: 57.391 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004995.D
Acq: 07 Jun 2021 16:09

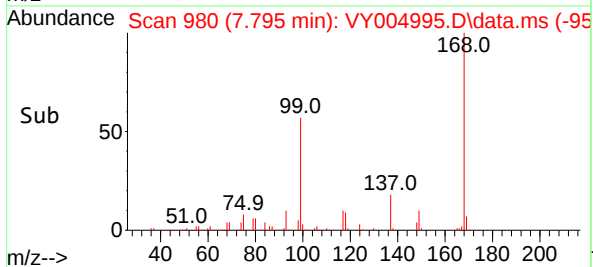
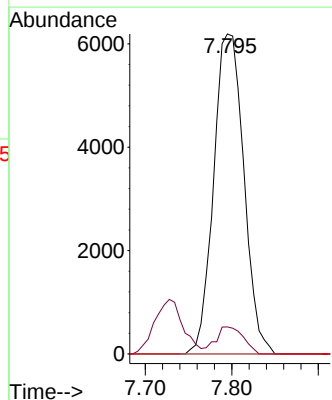
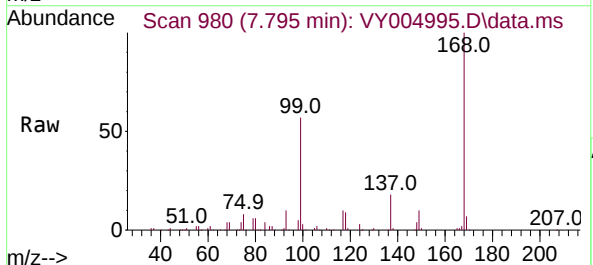
Instrument :
MSVOA_Y
ClientSampled :

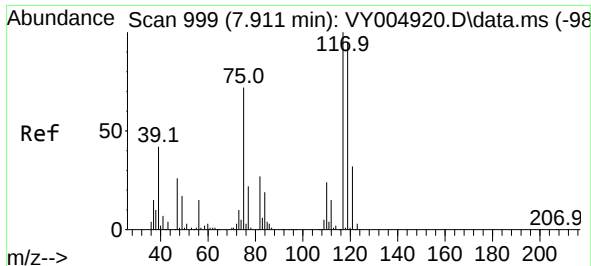
Tgt Ion:113 Resp: 108910
Ion Ratio Lower Upper
113 100
111 104.0 81.8 122.8
192 19.1 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.340 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004995.D
Acq: 07 Jun 2021 16:09

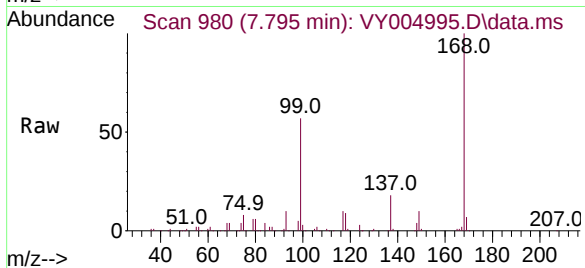
Tgt Ion: 75 Resp: 14981
Ion Ratio Lower Upper
75 100
110 7.8 17.5 52.5#
77 0.0 25.1 37.7#



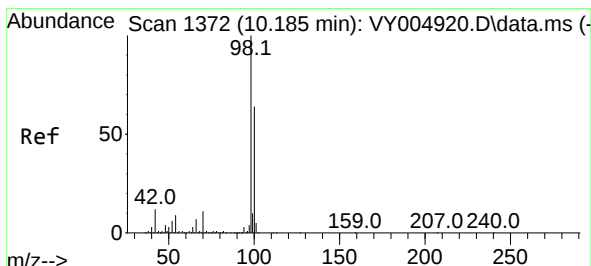
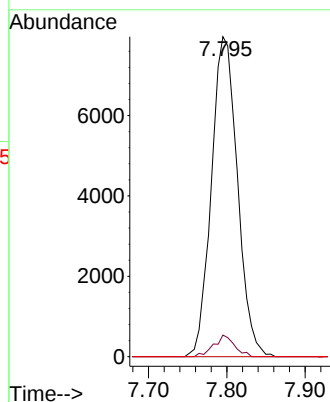
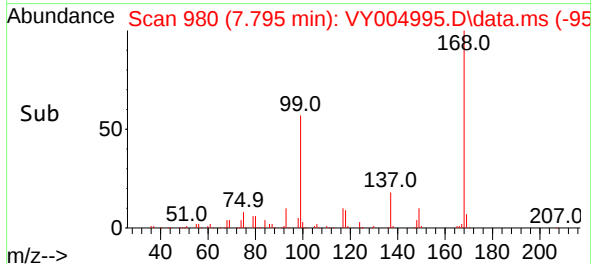


#38
Carbon Tetrachloride
Concen: 6.128 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004995.D
Acq: 07 Jun 2021 16:09

Instrument :
MSVOA_Y
ClientSampleId :

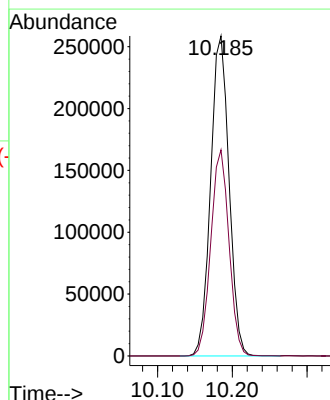
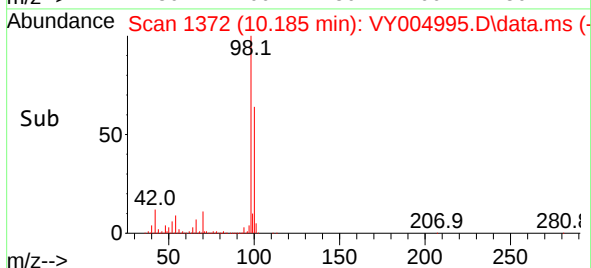
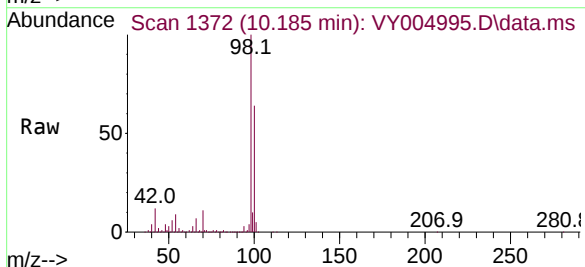


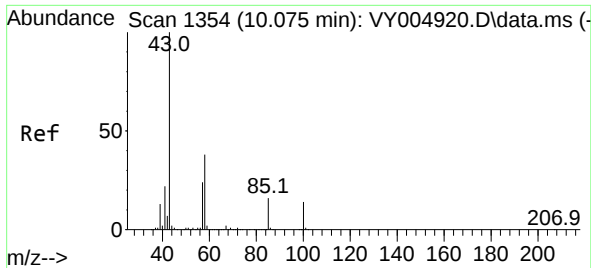
Tgt Ion:117 Resp: 18411
Ion Ratio Lower Upper
117 100
119 6.7 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 56.253 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004995.D
Acq: 07 Jun 2021 16:09

Tgt Ion: 98 Resp: 443349
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6

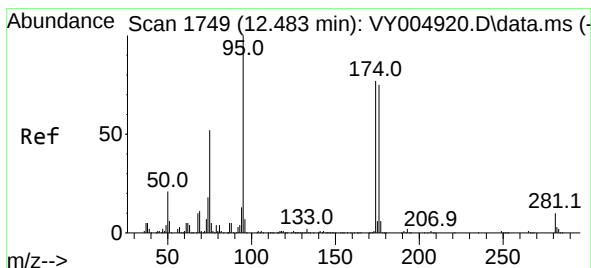
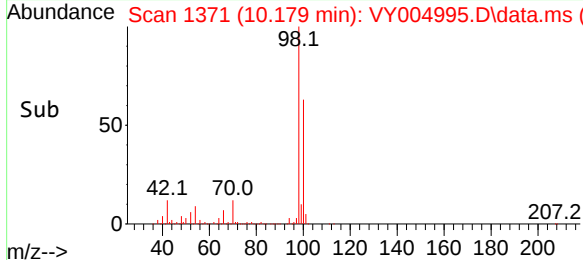
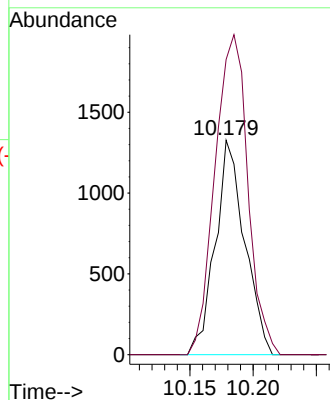
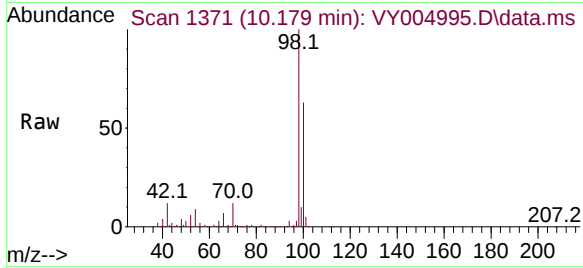




#51
4-Methyl-2-Pentanone
Concen: 1.007 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY004995.D
Acq: 07 Jun 2021 16:09

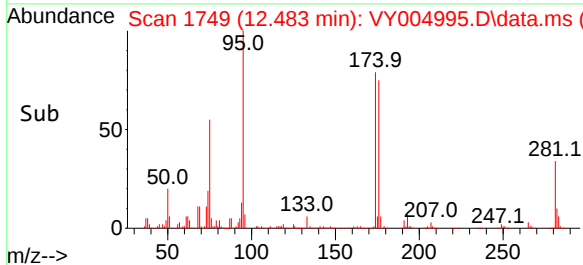
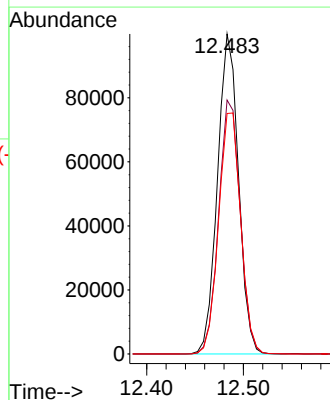
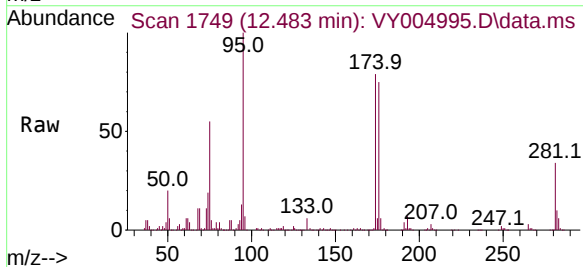
Instrument :
MSVOA_Y
ClientSampled :

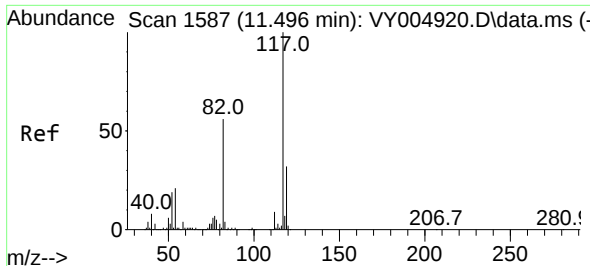
Tgt Ion: 43 Resp: 2151
Ion Ratio Lower Upper
43 100
58 166.3 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 55.475 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004995.D
Acq: 07 Jun 2021 16:09

Tgt Ion: 95 Resp: 150366
Ion Ratio Lower Upper
95 100
174 81.4 0.0 160.8
176 79.4 0.0 155.6

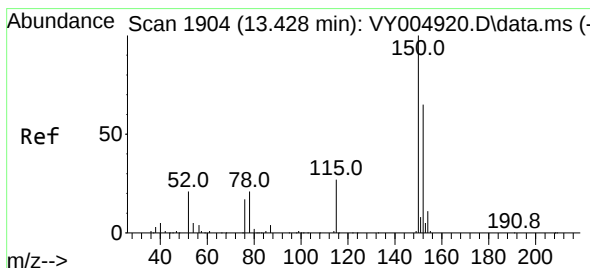
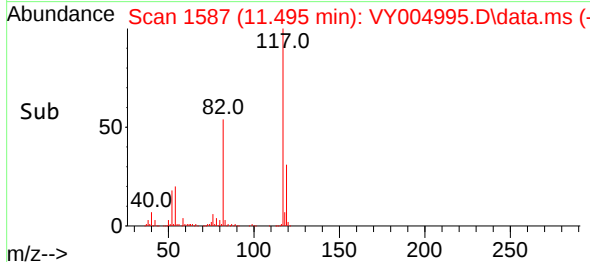
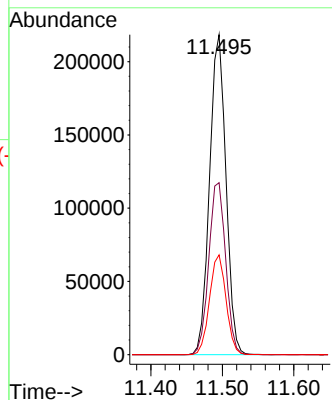
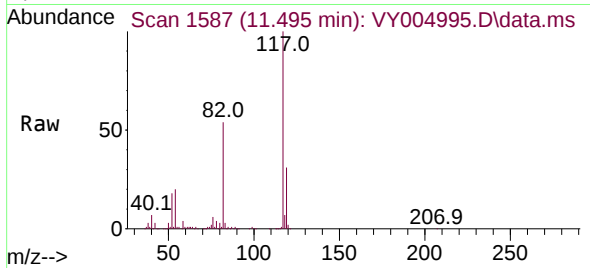




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004995.D
Acq: 07 Jun 2021 16:09

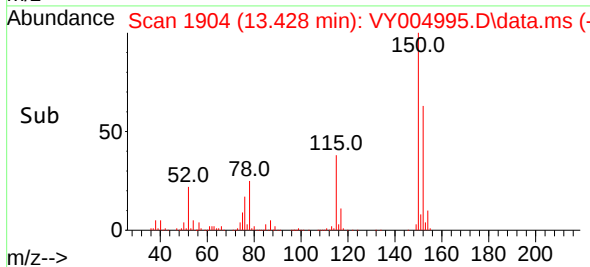
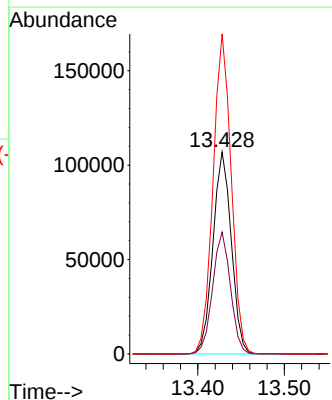
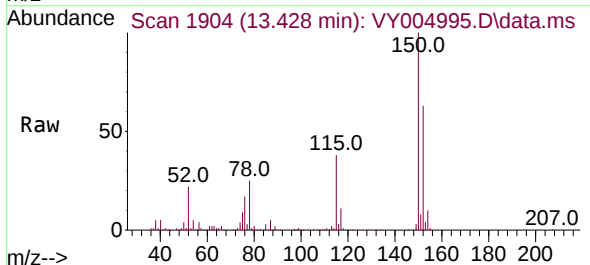
Instrument :
MSVOA_Y
ClientSampled :

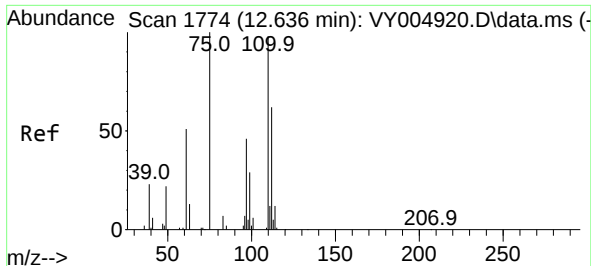
Tgt Ion:117 Resp: 347402
Ion Ratio Lower Upper
117 100
82 53.8 44.8 67.2
119 31.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004995.D
Acq: 07 Jun 2021 16:09

Tgt Ion:152 Resp: 157493
Ion Ratio Lower Upper
152 100
115 58.7 29.9 89.7
150 156.7 0.0 347.8

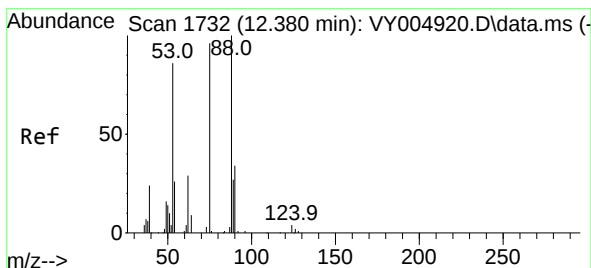
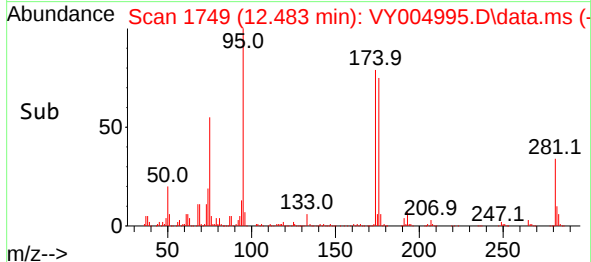
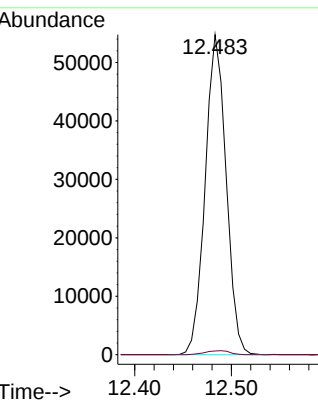
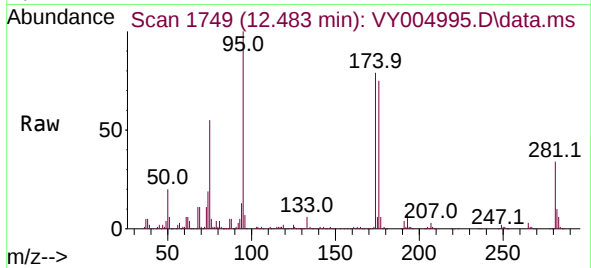




#76
1,2,3-Trichloropropane
Concen: 47.554 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004995.D
Acq: 07 Jun 2021 16:09

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 82098
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.393 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004995.D
Acq: 07 Jun 2021 16:09

Tgt Ion: 75 Resp: 82098
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 0.9 35.0 52.6#

