

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
 Data File : VY005470.D
 Acq On : 27 Jul 2021 17:24
 Operator : SY/MD
 Sample : M3142-04
 Misc : 6.46G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:35:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

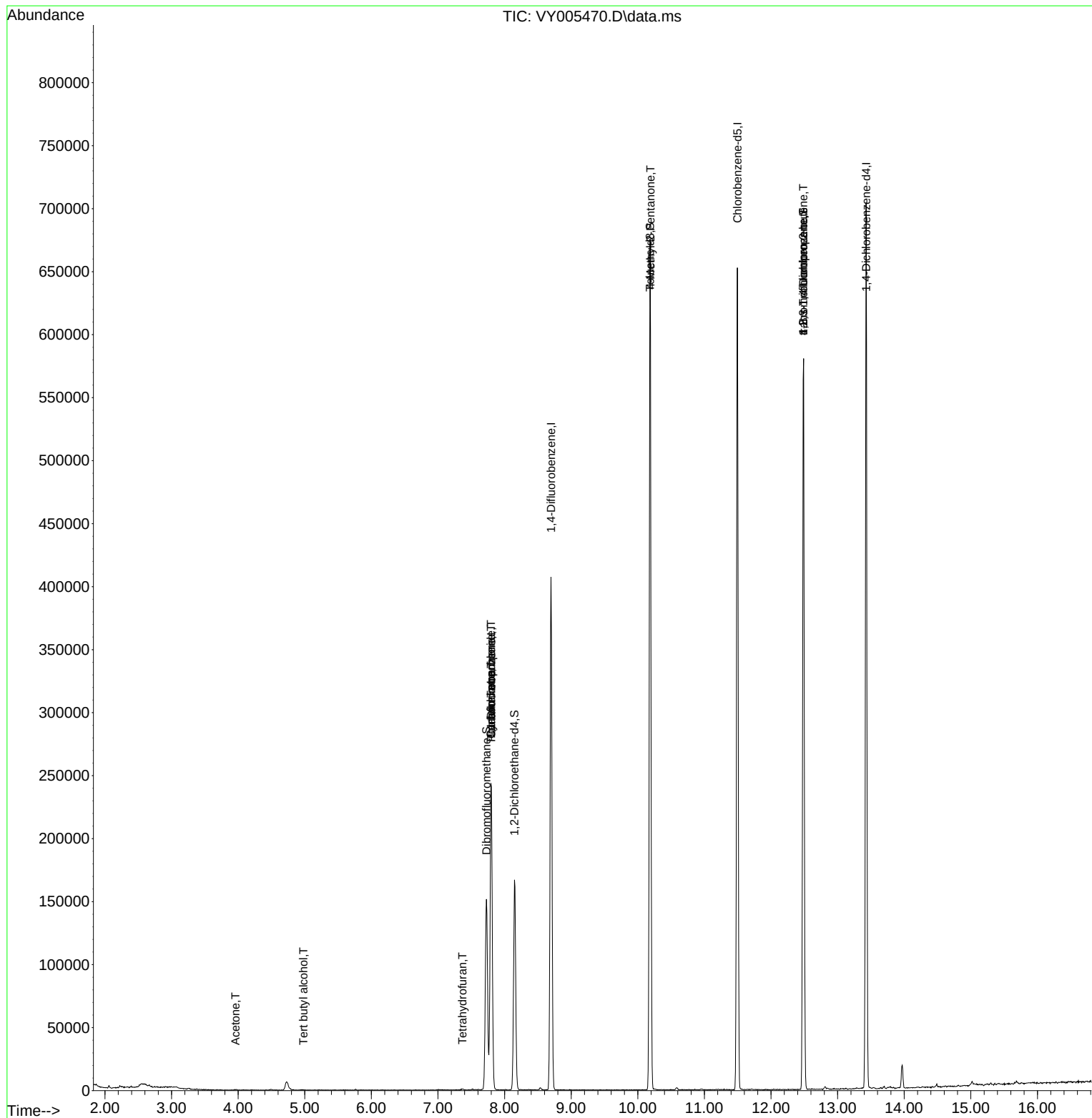
Internal Standards						
1) Pentafluorobenzene	7.801	168	199552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	337709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	345148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	136389	63.976	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 127.960%		
35) Dibromofluoromethane	7.728	113	103953	53.310	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 106.620%		
50) Toluene-d8	10.185	98	432577	52.341	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 104.680%		
62) 4-Bromofluorobenzene	12.483	95	152406	55.873	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 111.740%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	300	1.490	ug/l #	82
16) Acetone	3.960	43	829	1.703	ug/l #	83
29) Tetrahydrofuran	7.368	42	523	1.083	ug/l #	79
31) Cyclohexane	7.795	56	3997	1.098	ug/l #	34
36) 1,1-Dichloropropene	7.795	75	14373	4.402	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17676	4.954	ug/l #	17
51) 4-Methyl-2-Pentanone	10.191	43	1937	1.014	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	85903	49.623	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	85903	96.354	ug/l #	11

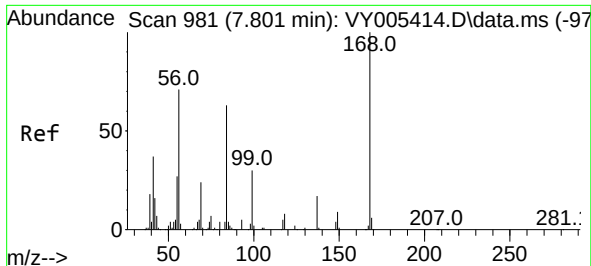
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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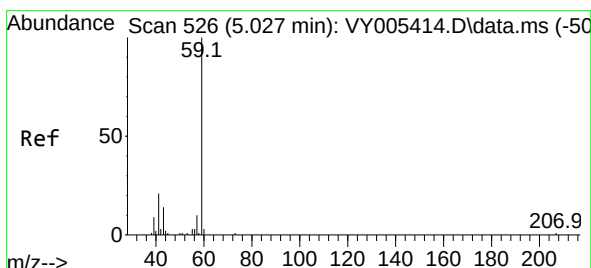
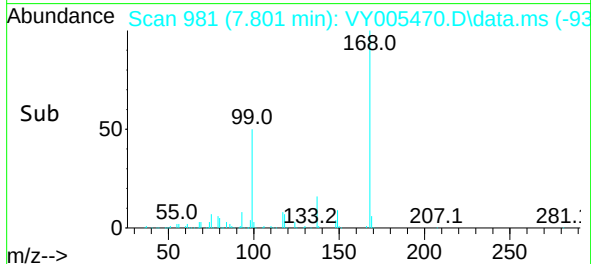
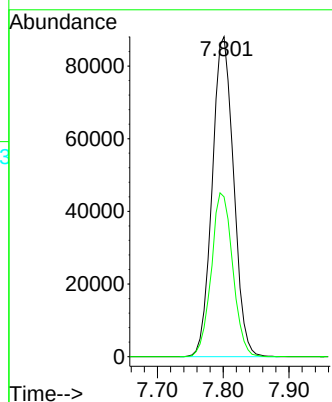
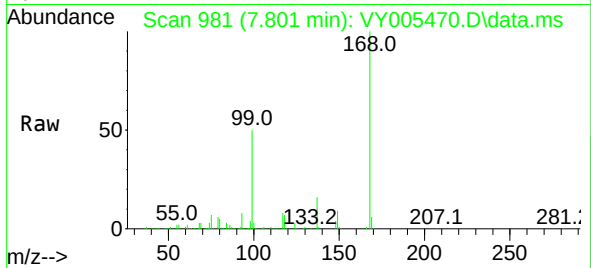




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005470.D
Acq: 27 Jul 2021 17:24

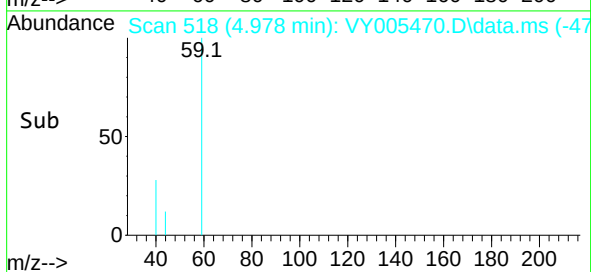
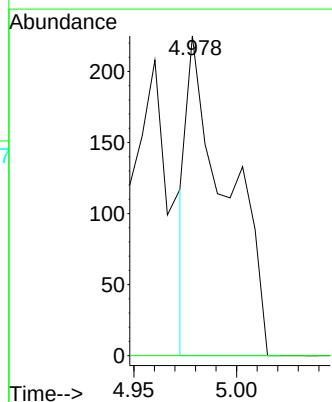
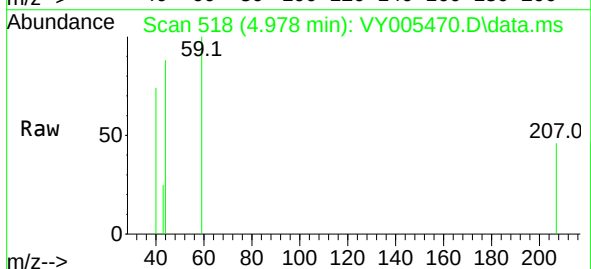
Instrument :
MSVOA_Y
ClientSampleId :

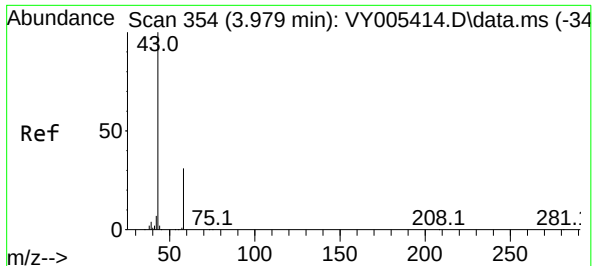
Tgt Ion:168 Resp: 199552
Ion Ratio Lower Upper
168 100
99 50.0 39.8 59.6



#11
Tert butyl alcohol
Concen: 1.490 ug/l
RT: 4.978 min Scan# 518
Delta R.T. -0.049 min
Lab File: VY005470.D
Acq: 27 Jul 2021 17:24

Tgt Ion: 59 Resp: 300
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

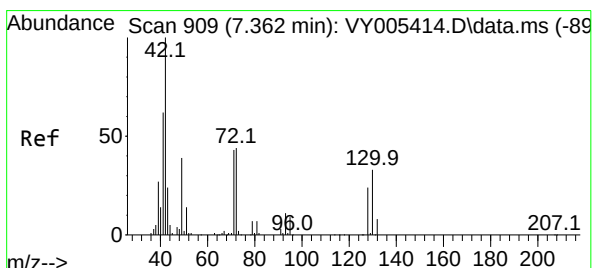
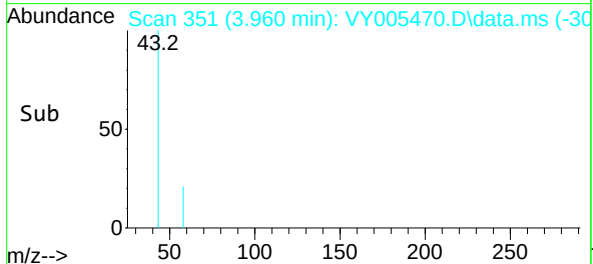
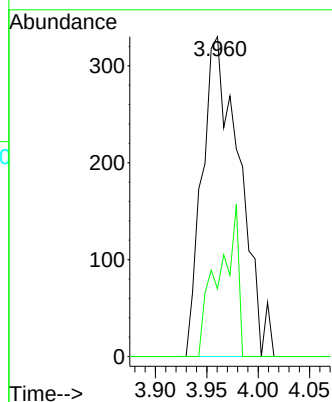
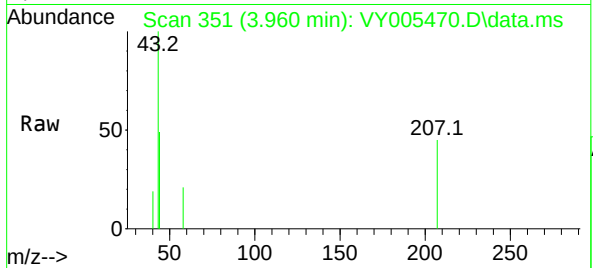




#16
Acetone
Concen: 1.703 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005470.D
Acq: 27 Jul 2021 17:24

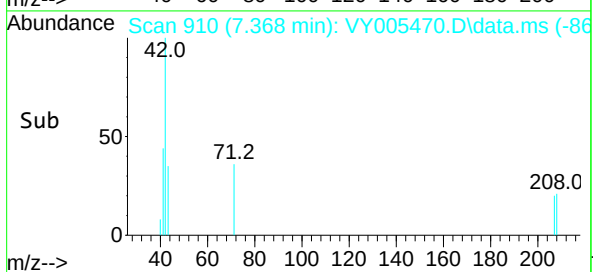
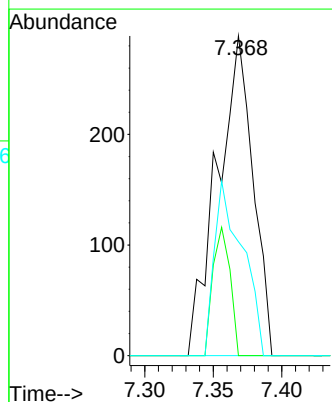
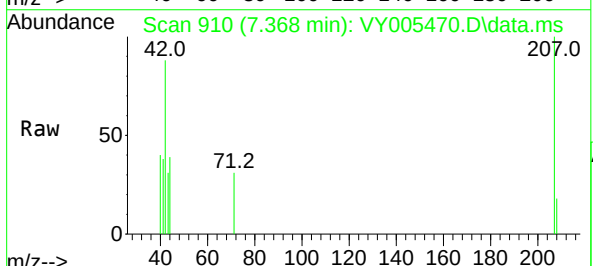
Instrument :
MSVOA_Y
ClientSampleId :

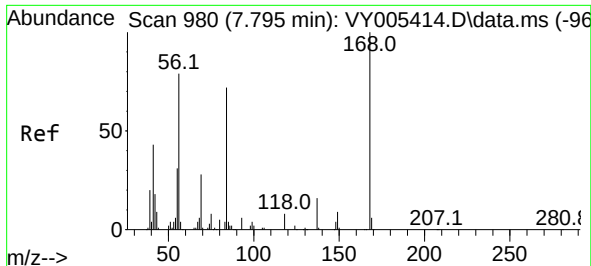
Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
58 21.2 24.5 36.7#



#29
Tetrahydrofuran
Concen: 1.083 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY005470.D
Acq: 27 Jul 2021 17:24

Tgt Ion: 42 Resp: 523
Ion Ratio Lower Upper
42 100
72 19.3 35.3 52.9#
71 43.0 33.4 50.2

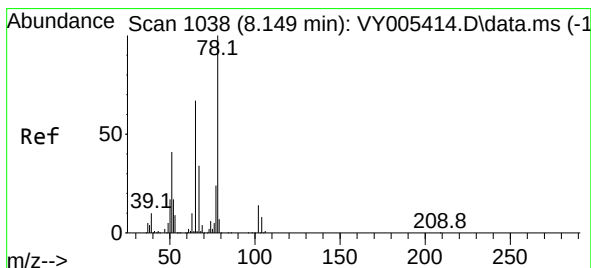
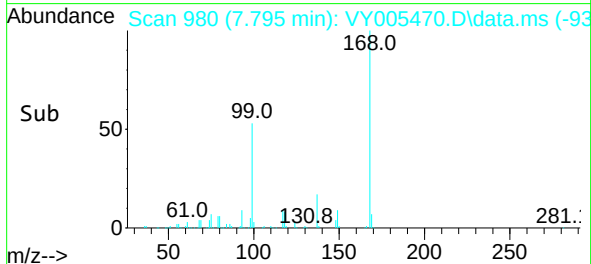
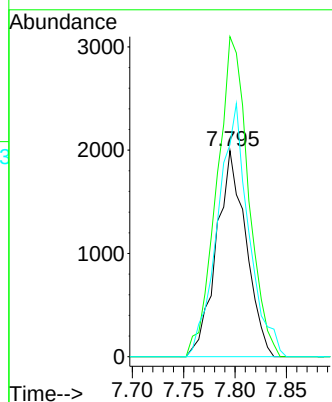
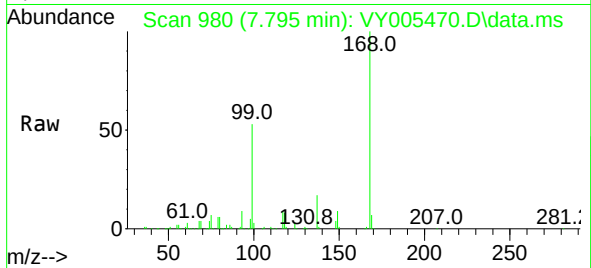




#31
Cyclohexane
Concen: 1.098 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005470.D
Acq: 27 Jul 2021 17:24

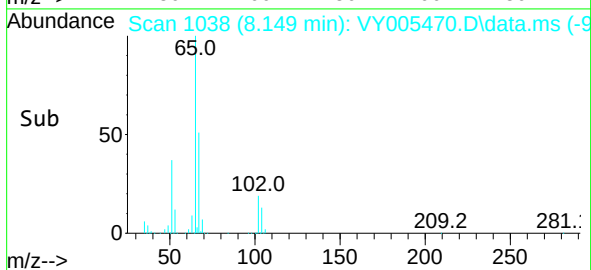
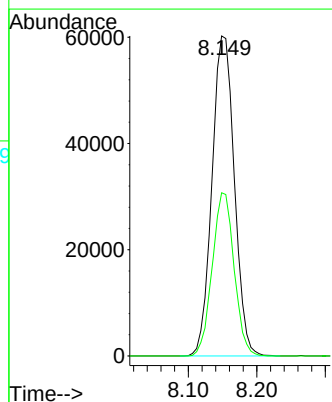
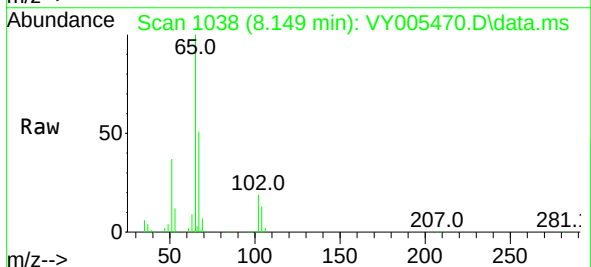
Instrument :
MSVOA_Y
ClientSampleId :

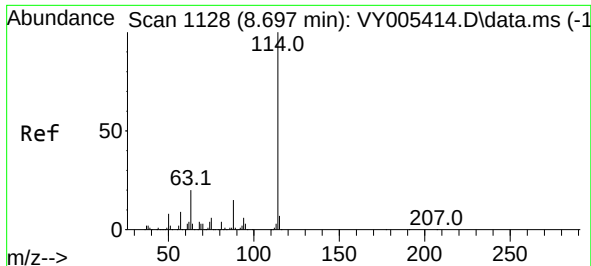
Tgt Ion: 56 Resp: 3997
Ion Ratio Lower Upper
56 100
69 155.3 28.7 43.1#
84 102.9 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 63.976 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005470.D
Acq: 27 Jul 2021 17:24

Tgt Ion: 65 Resp: 136389
Ion Ratio Lower Upper
65 100
67 49.8 0.0 102.2

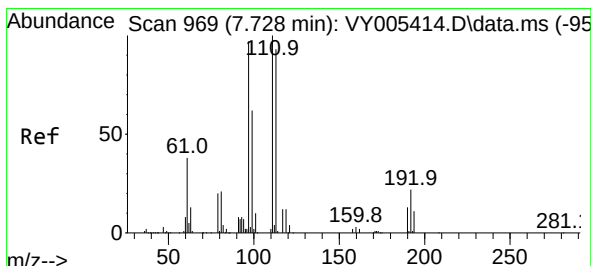
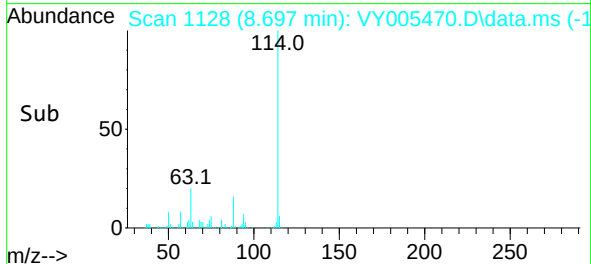
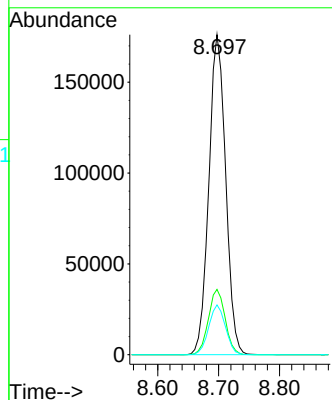
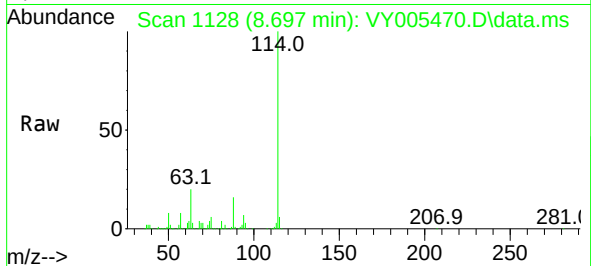




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005470.D
Acq: 27 Jul 2021 17:24

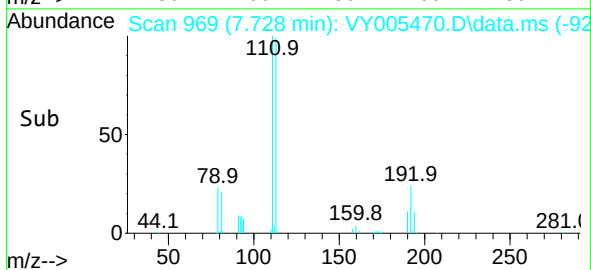
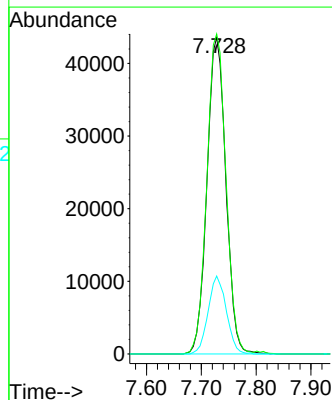
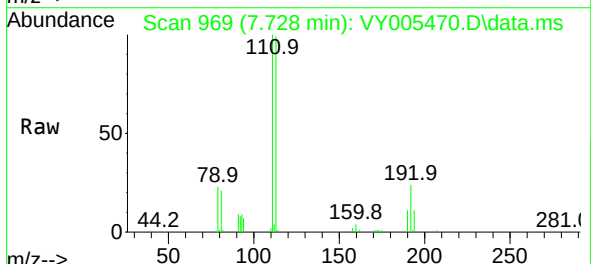
Instrument :
MSVOA_Y
ClientSampleId :

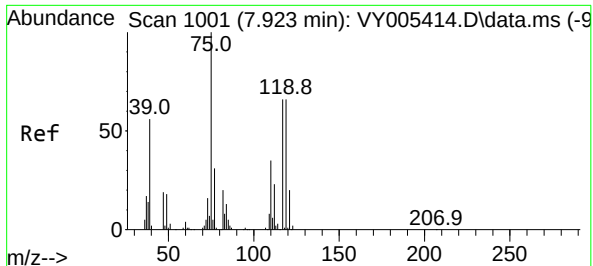
Tgt Ion:114 Resp: 337709
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.0
88 15.6 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.310 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005470.D
Acq: 27 Jul 2021 17:24

Tgt Ion:113 Resp: 103953
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 23.7 18.9 28.3





#36

1,1-Dichloropropene

Concen: 4.402 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005470.D

Acq: 27 Jul 2021 17:24

Tgt Ion: 75 Resp: 14373

Ion Ratio Lower Upper

75 100

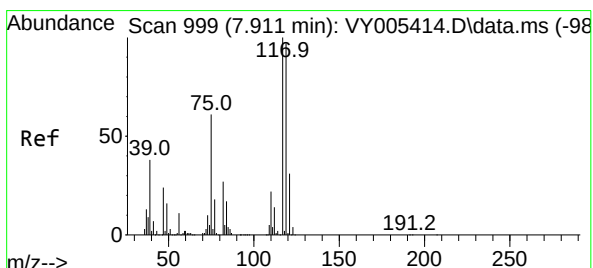
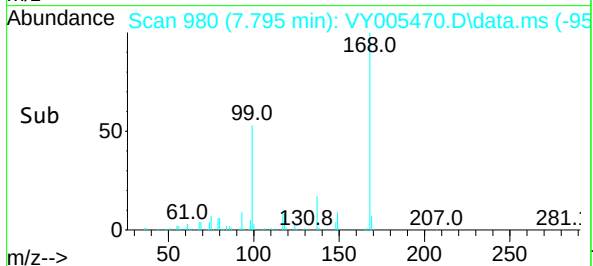
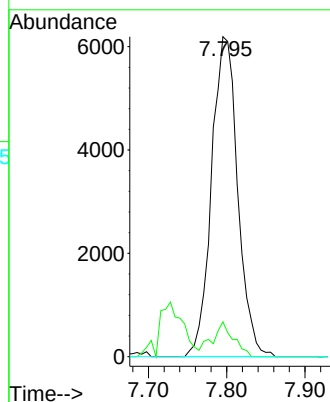
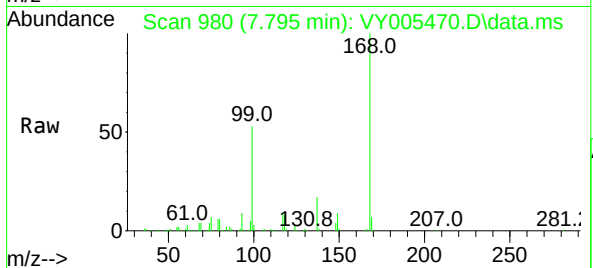
110 8.8 17.6 52.9#

77 0.0 24.6 37.0#

Instrument :

MSVOA_Y

ClientSampled :



#38

Carbon Tetrachloride

Concen: 4.954 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY005470.D

Acq: 27 Jul 2021 17:24

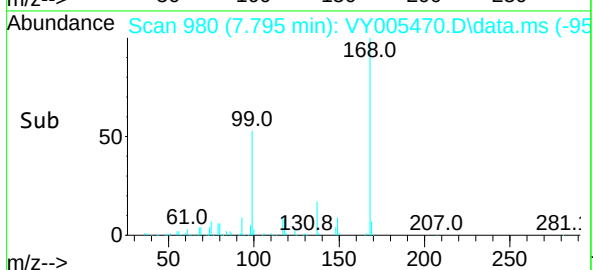
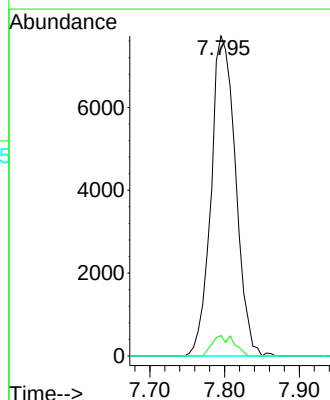
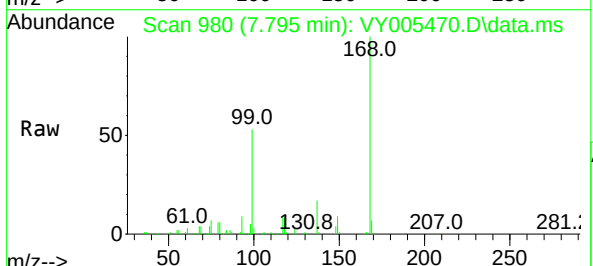
Tgt Ion: 117 Resp: 17676

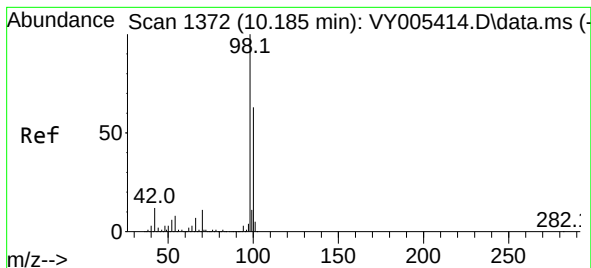
Ion Ratio Lower Upper

117 100

119 6.4 77.2 115.8#

121 0.0 25.1 37.7#

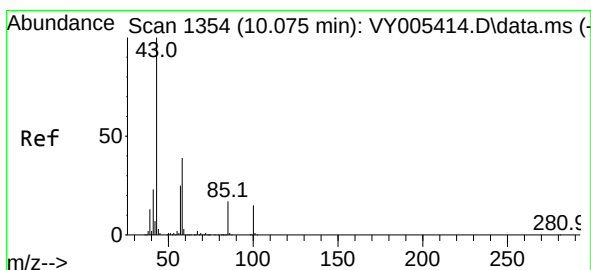
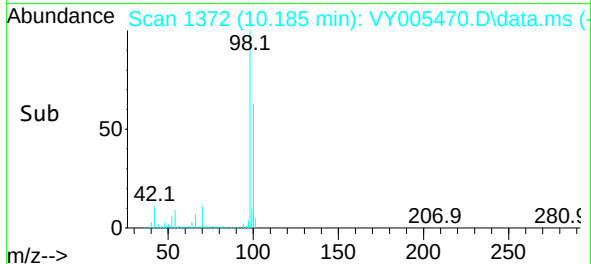
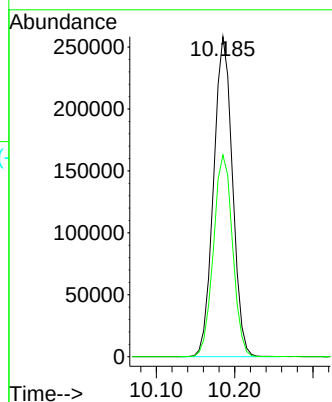
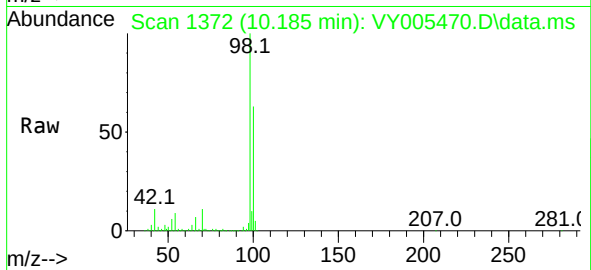




#50
Toluene-d8
Concen: 52.341 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005470.D
Acq: 27 Jul 2021 17:24

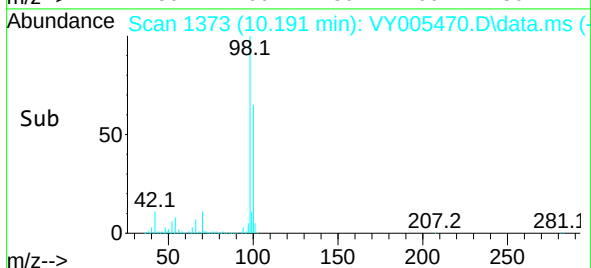
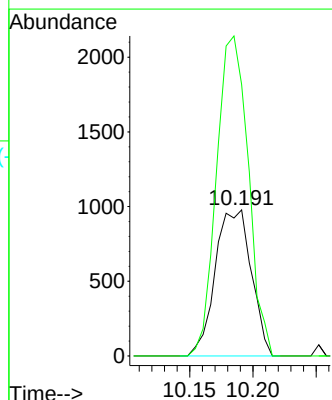
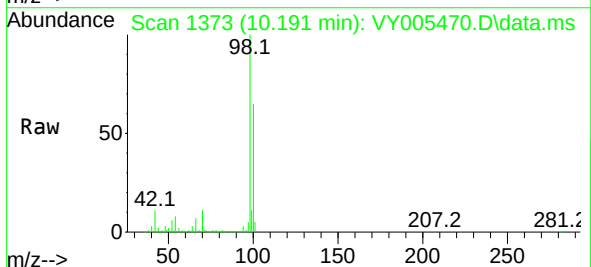
Instrument :
MSVOA_Y
ClientSampled :

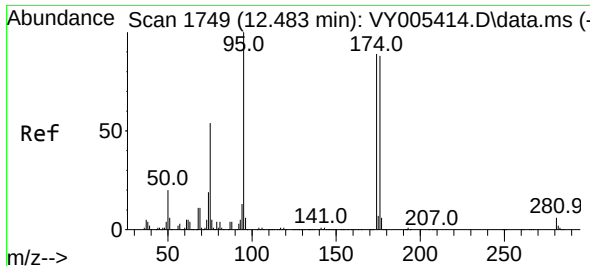
Tgt Ion: 98 Resp: 432577
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.014 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.116 min
Lab File: VY005470.D
Acq: 27 Jul 2021 17:24

Tgt Ion: 43 Resp: 1937
Ion Ratio Lower Upper
43 100
58 193.0 31.2 46.8#

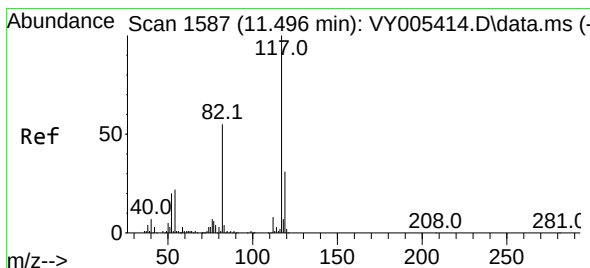
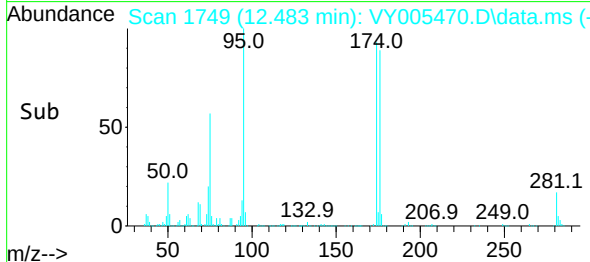
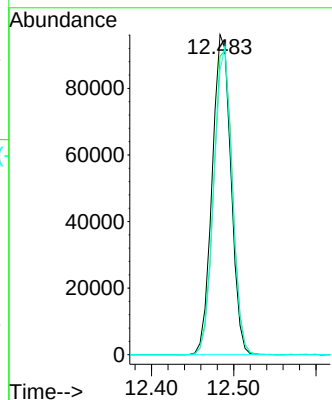
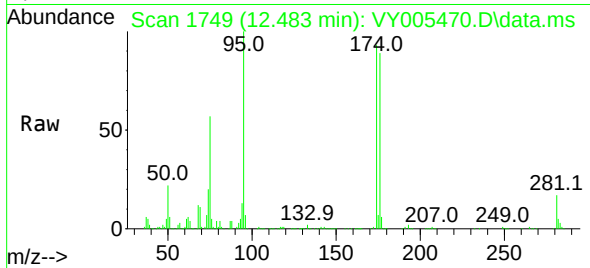




#62
4-Bromofluorobenzene
Concen: 55.873 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005470.D
Acq: 27 Jul 2021 17:24

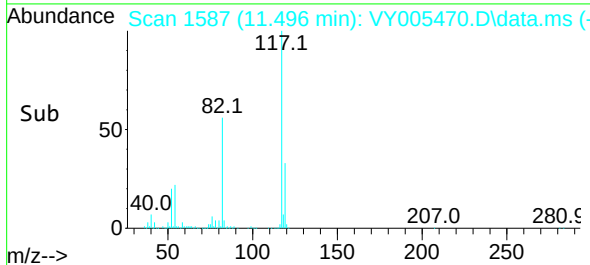
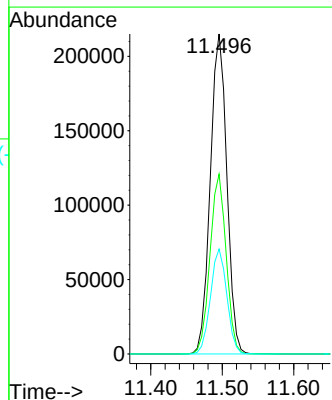
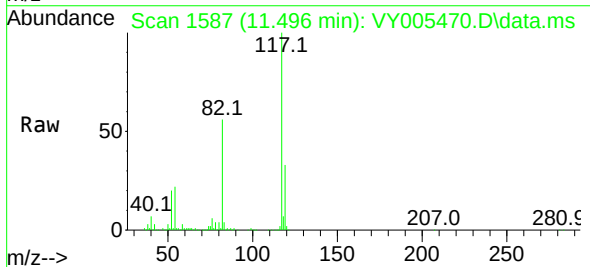
Instrument :
MSVOA_Y
ClientSampleId :

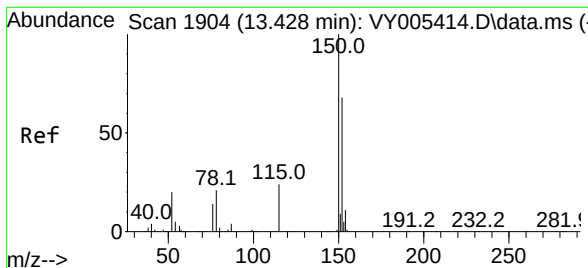
Tgt Ion: 95 Resp: 152406
Ion Ratio Lower Upper
95 100
174 95.8 0.0 186.6
176 93.2 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005470.D
Acq: 27 Jul 2021 17:24

Tgt Ion: 117 Resp: 345148
Ion Ratio Lower Upper
117 100
82 56.2 43.8 65.6
119 32.8 24.8 37.2

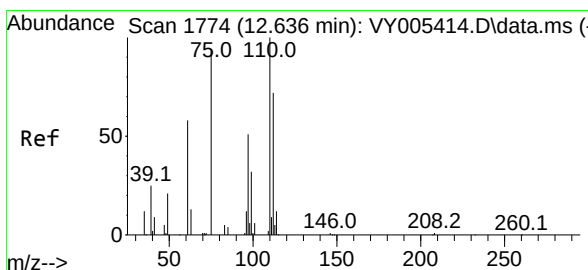
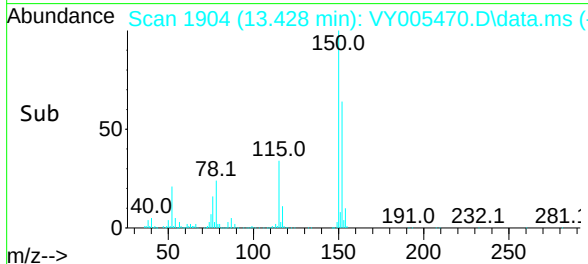
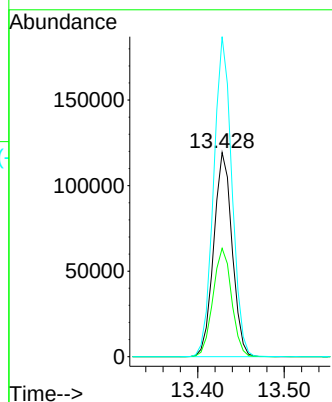
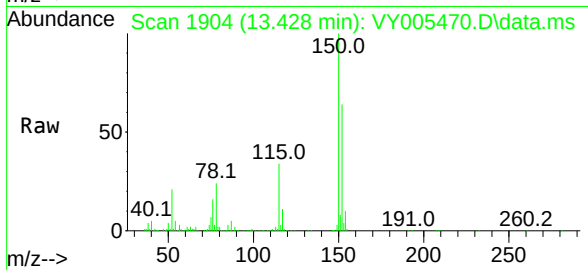




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005470.D
 Acq: 27 Jul 2021 17:24

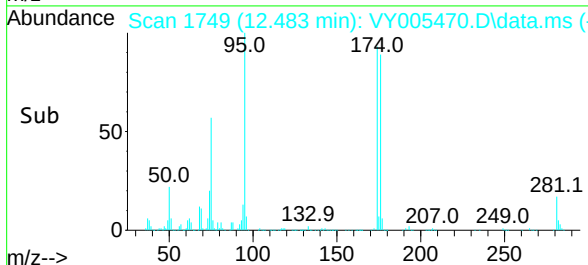
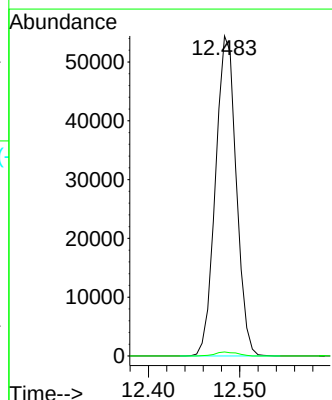
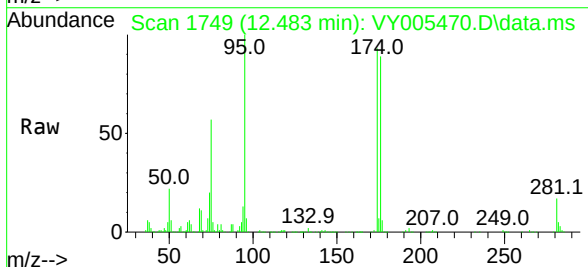
Instrument :
 MSVOA_Y
 ClientSampled :

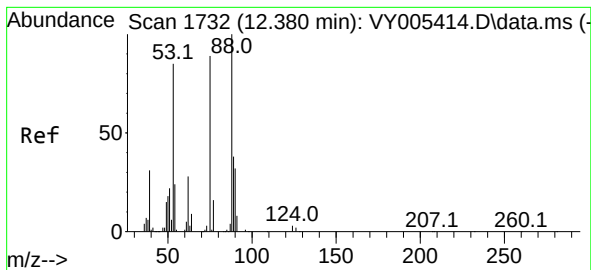
Tgt Ion:152 Resp: 175930
 Ion Ratio Lower Upper
 152 100
 115 53.8 27.7 83.1
 150 155.7 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 49.623 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005470.D
 Acq: 27 Jul 2021 17:24

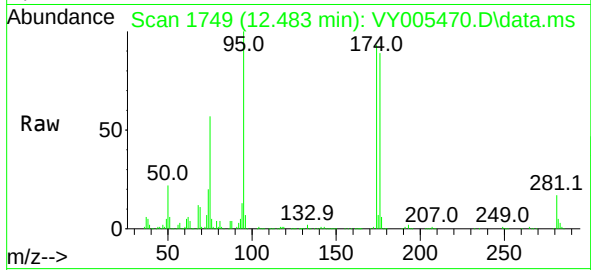
Tgt Ion: 75 Resp: 85903
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.354 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005470.D
 Acq: 27 Jul 2021 17:24

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 85903
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.1 114.1#
 89 0.1 36.9 55.3#

