

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005774.D
 Acq On : 19 Aug 2021 17:07
 Operator : SY/MD
 Sample : M3418-13
 Misc : 6.15G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 06:57:52 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)

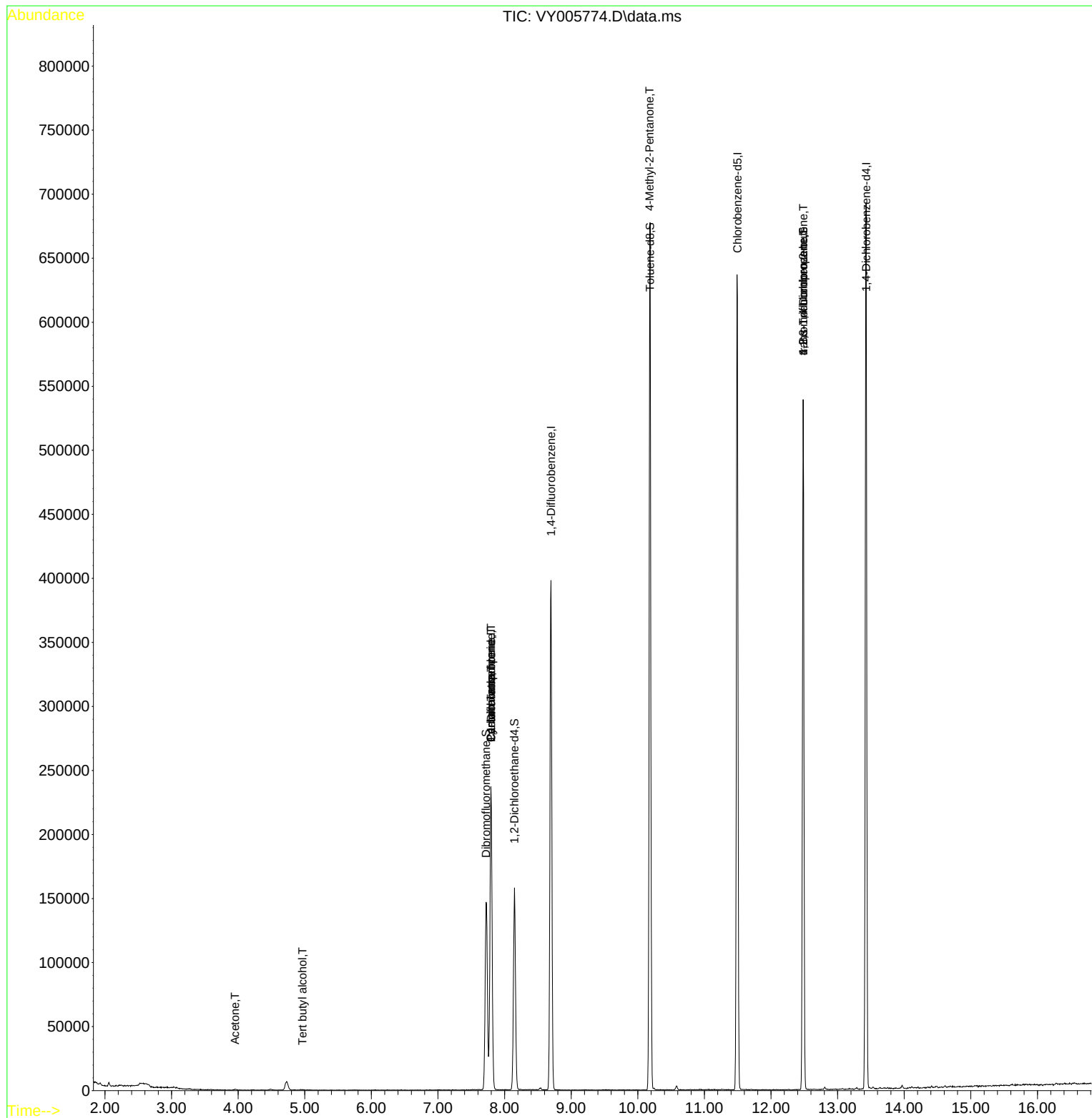
Internal Standards						
1) Pentafluorobenzene	7.795	168	191298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	331224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	344203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	123585	63.822	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.640%	
35) Dibromofluoromethane	7.722	113	100754	54.331	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.660%	
50) Toluene-d8	10.185	98	428232	55.061	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.120%	
62) 4-Bromofluorobenzene	12.483	95	151389	58.781	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	792	4.137	ug/l #	81
16) Acetone	3.954	43	936	1.917	ug/l	96
20) Methylene Chloride	4.735	84	5226	Below Cal	#	89
31) Cyclohexane	7.795	56	3545	1.067	ug/l #	12
36) 1,1-Dichloropropene	7.795	75	13329	4.290	ug/l #	48
38) Carbon Tetrachloride	7.795	117	17375	5.146	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1952	1.040	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	83258	45.225	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83258	91.169	ug/l #	11

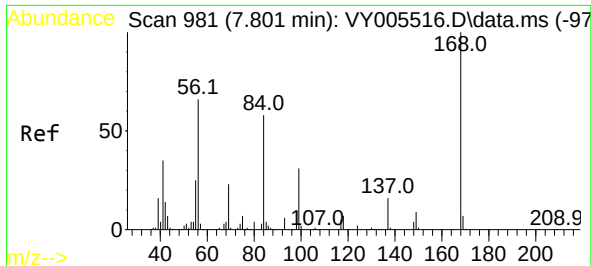
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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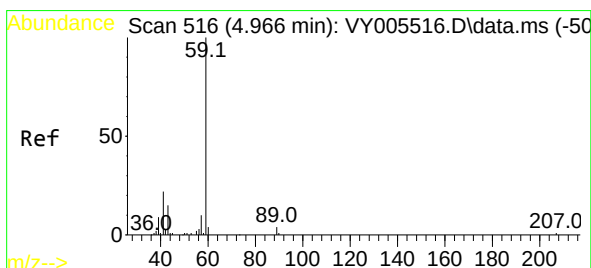
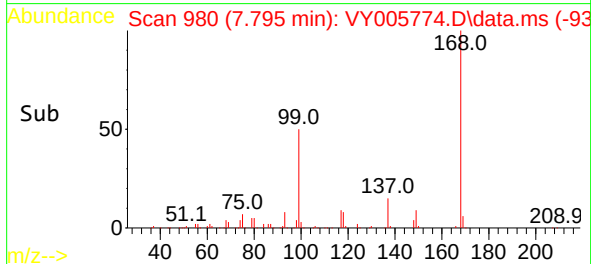
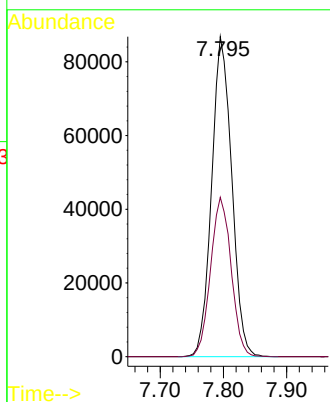
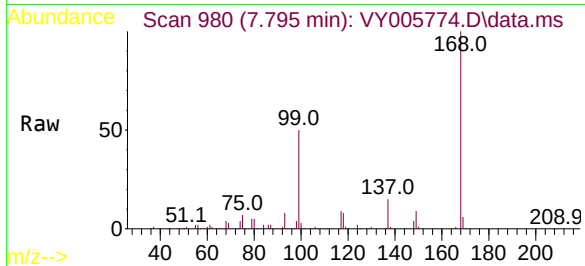




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005774.D
Acq: 19 Aug 2021 17:07

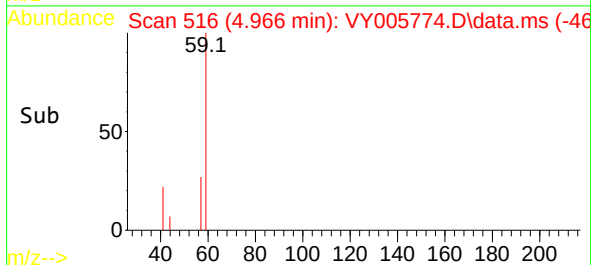
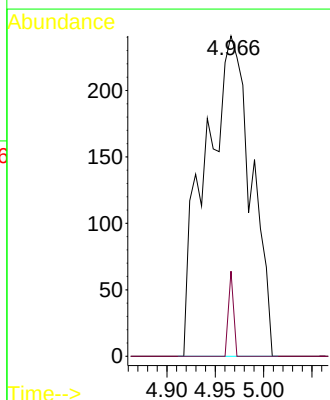
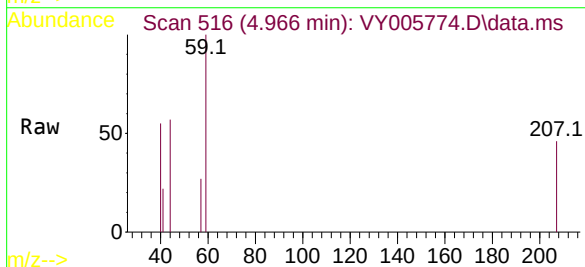
Instrument :
MSVOA_Y
ClientSampled :

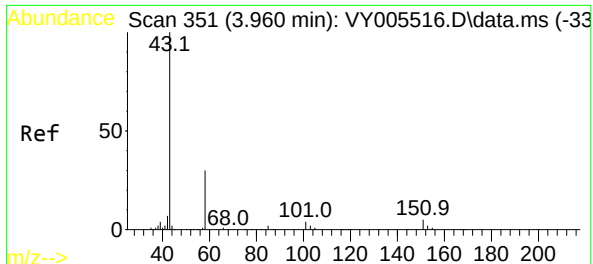
Tgt Ion:168 Resp: 191298
Ion Ratio Lower Upper
168 100
99 49.8 38.9 58.3



#11
Tert butyl alcohol
Concen: 4.137 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY005774.D
Acq: 19 Aug 2021 17:07

Tgt Ion: 59 Resp: 792
Ion Ratio Lower Upper
59 100
57 2.9 8.0 12.0#

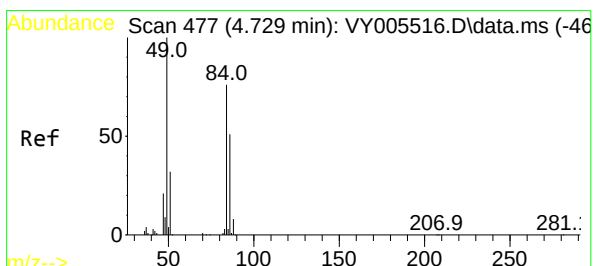
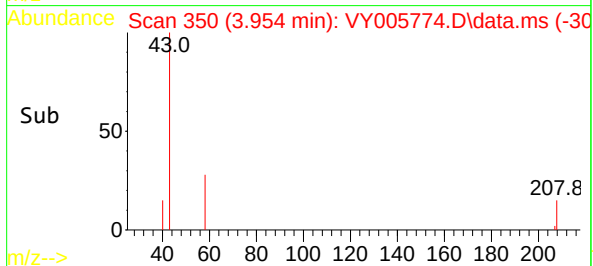
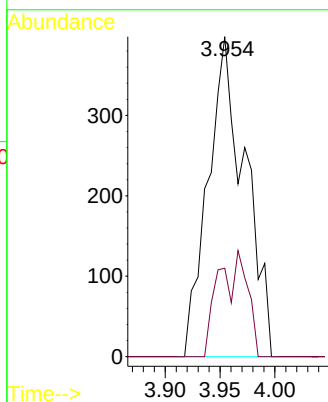
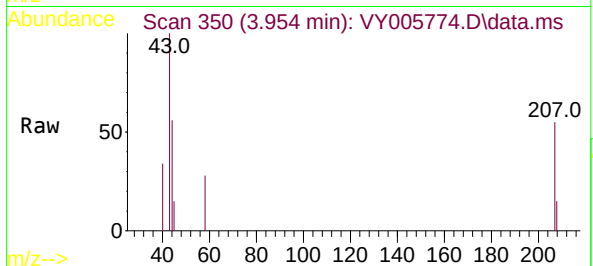




#16
Acetone
Concen: 1.917 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005774.D
Acq: 19 Aug 2021 17:07

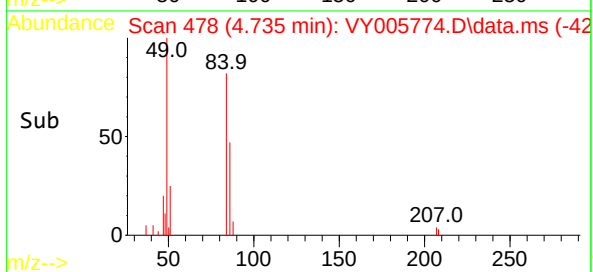
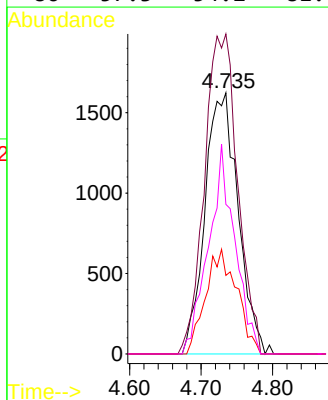
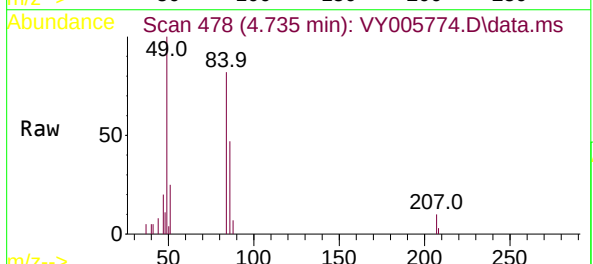
Instrument :
MSVOA_Y
ClientSampleId :

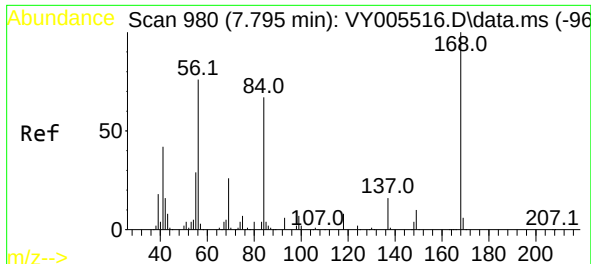
Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
58 27.6 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005774.D
Acq: 19 Aug 2021 17:07

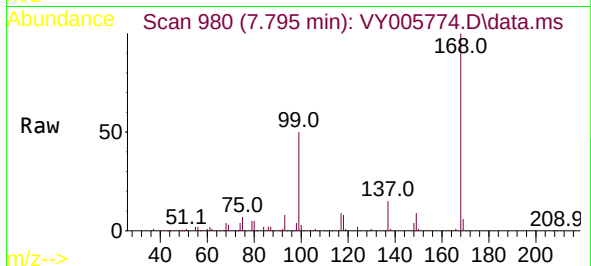
Tgt Ion: 84 Resp: 5226
Ion Ratio Lower Upper
84 100
49 122.5 105.8 158.6
51 30.0 33.4 50.2#
86 57.3 54.2 81.4



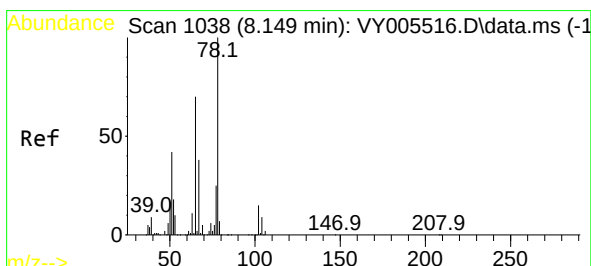
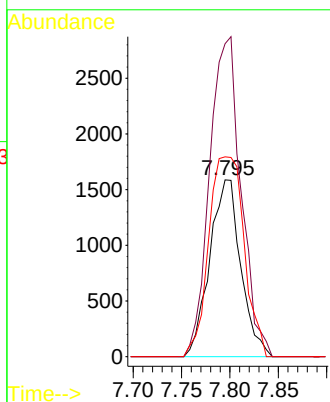
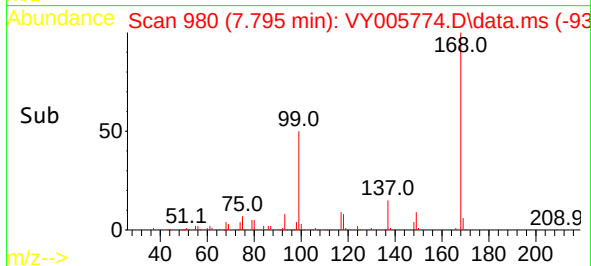


#31
Cyclohexane
Concen: 1.067 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005774.D
Acq: 19 Aug 2021 17:07

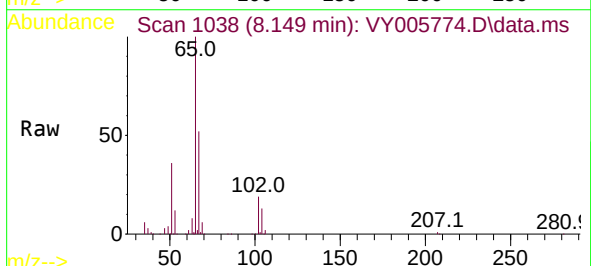
Instrument :
MSVOA_Y
ClientSampleId :



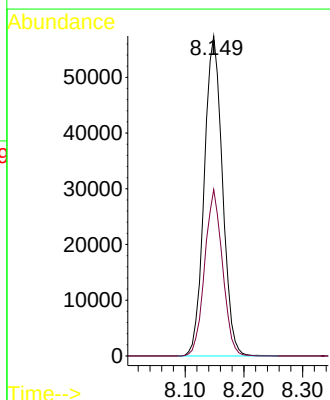
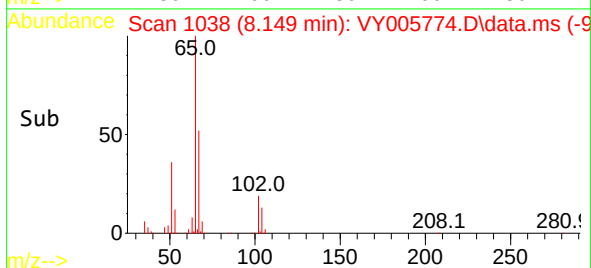
Tgt Ion: 56 Resp: 3545
Ion Ratio Lower Upper
56 100
69 177.1 27.7 41.5#
84 113.0 70.9 106.3#

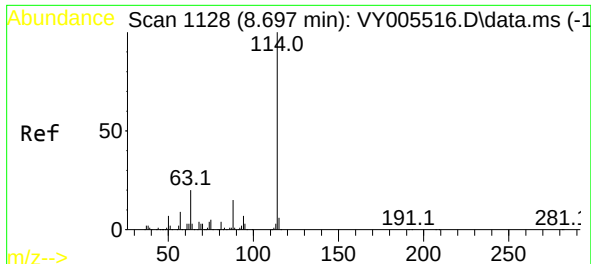


#33
1,2-Dichloroethane-d4
Concen: 63.822 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005774.D
Acq: 19 Aug 2021 17:07



Tgt Ion: 65 Resp: 123585
Ion Ratio Lower Upper
65 100
67 50.8 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: VY005774.D

Acq: 19 Aug 2021 17:07

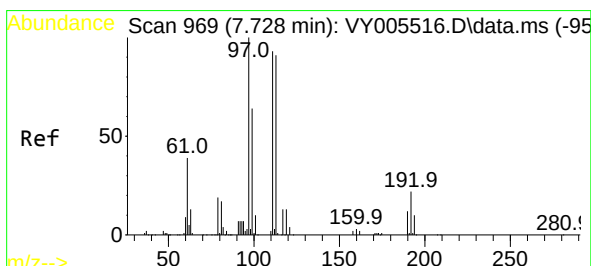
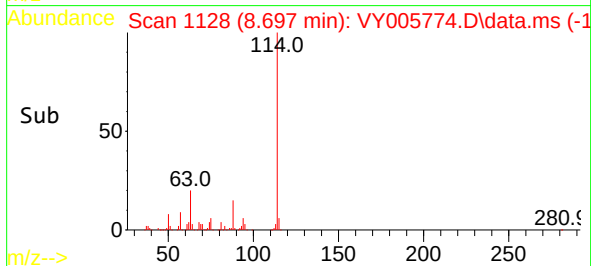
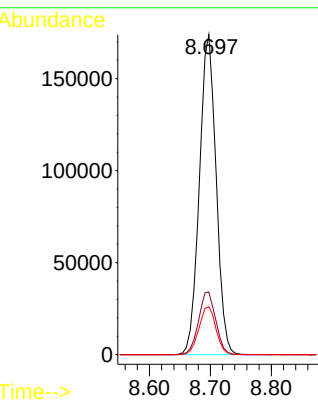
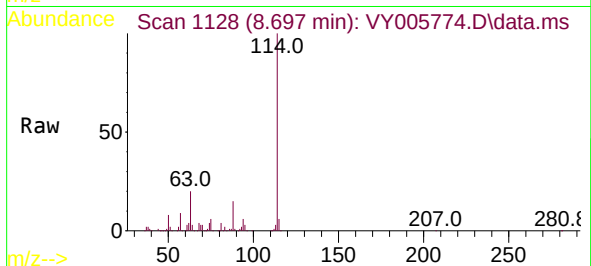
Tgt Ion:114 Resp: 331224

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 15.0 0.0 30.8



#35

Dibromofluoromethane

Concen: 54.331 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY005774.D

Acq: 19 Aug 2021 17:07

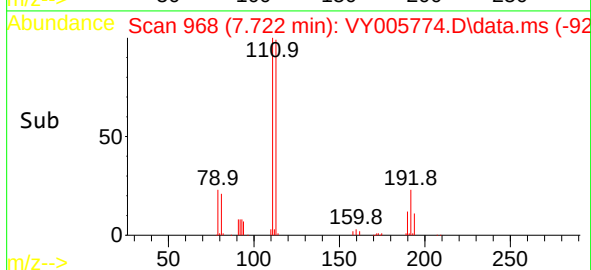
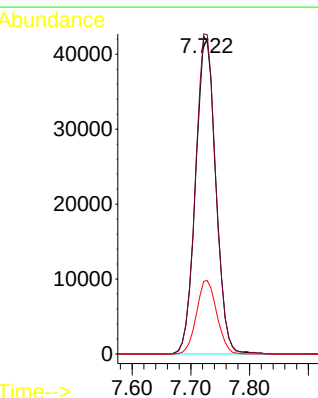
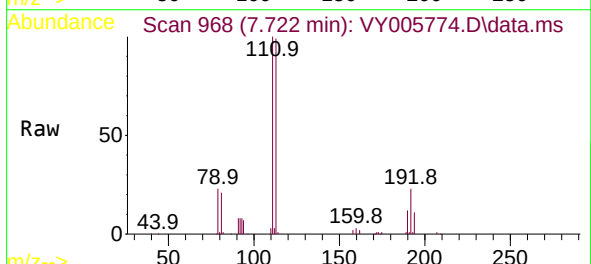
Tgt Ion:113 Resp: 100754

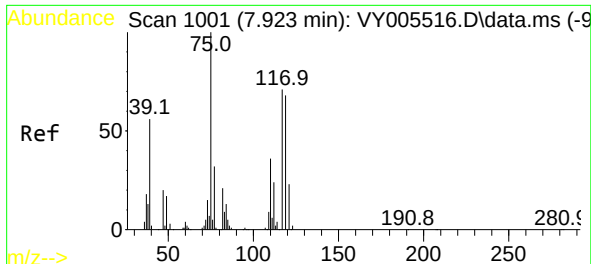
Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

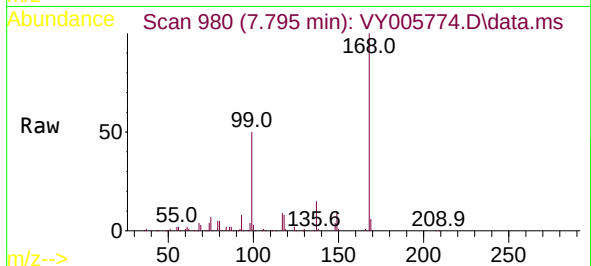
192 23.4 19.2 28.8



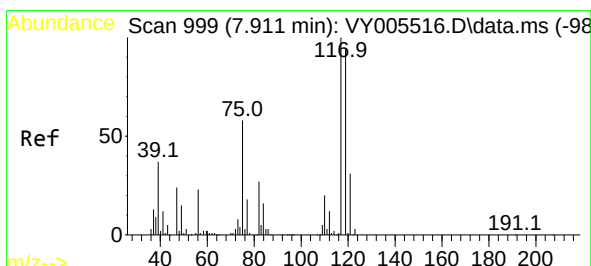
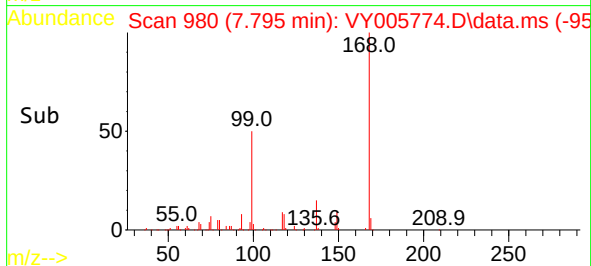
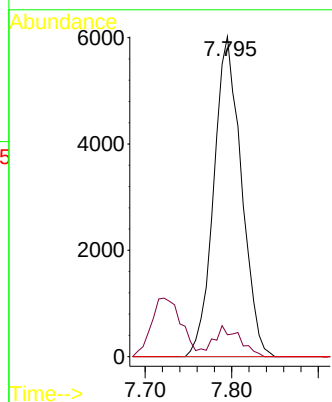


#36
 1,1-Dichloropropene
 Concen: 4.290 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005774.D
 Acq: 19 Aug 2021 17:07

Instrument :
 MSVOA_Y
 ClientSampleId :

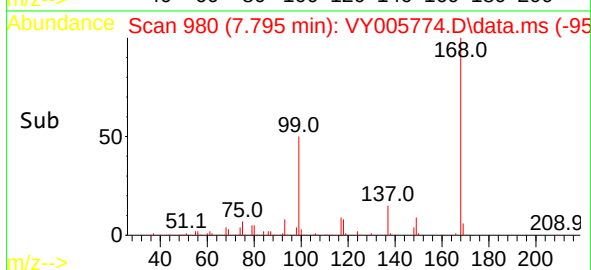
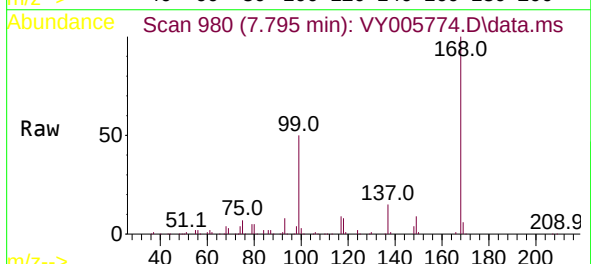
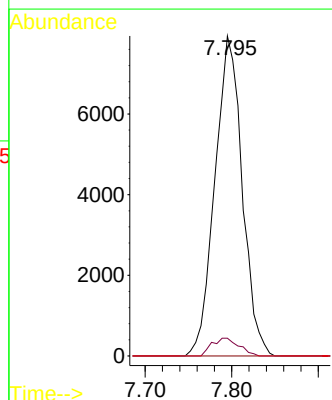


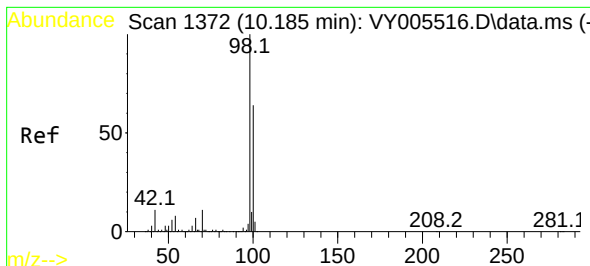
Tgt Ion: 75 Resp: 13329
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.1 54.1#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 5.146 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY005774.D
 Acq: 19 Aug 2021 17:07

Tgt Ion: 117 Resp: 17375
 Ion Ratio Lower Upper
 117 100
 119 5.5 75.4 113.0#
 121 0.0 25.1 37.7#

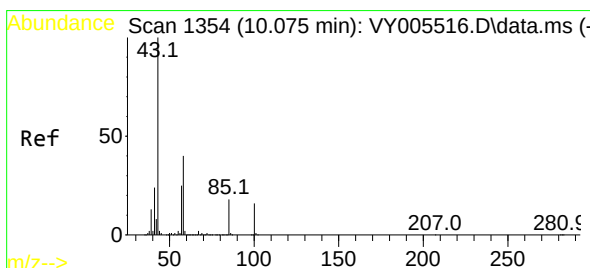
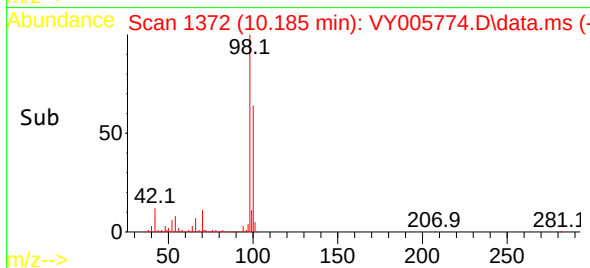
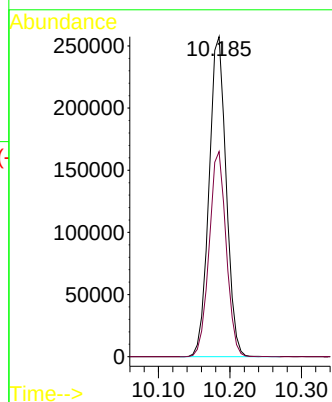
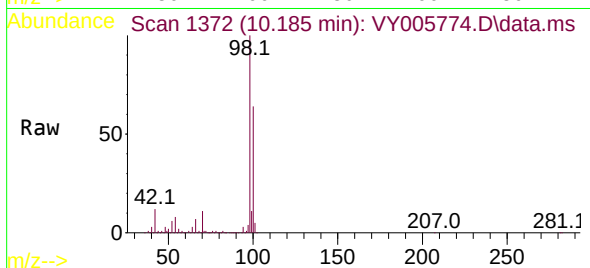




#50
Toluene-d8
Concen: 55.061 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005774.D
Acq: 19 Aug 2021 17:07

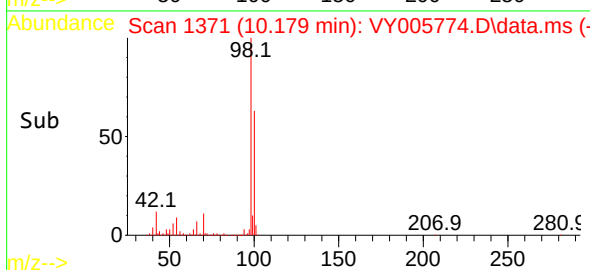
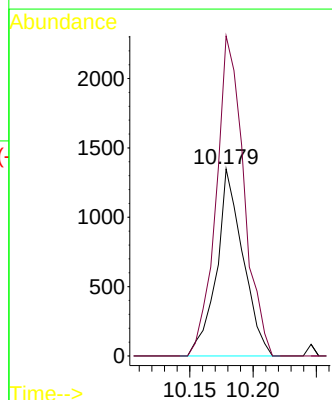
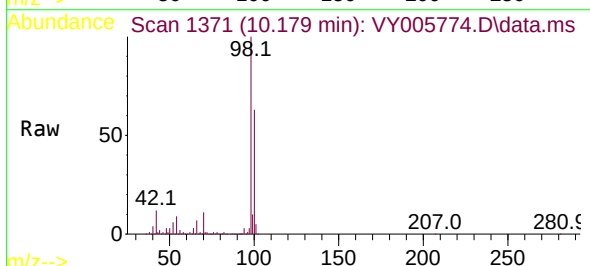
Instrument :
MSVOA_Y
ClientSampled :

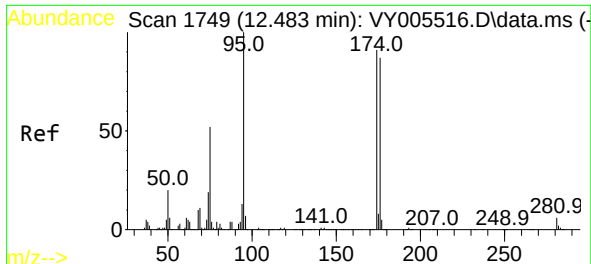
Tgt Ion: 98 Resp: 428232
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.040 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005774.D
Acq: 19 Aug 2021 17:07

Tgt Ion: 43 Resp: 1952
Ion Ratio Lower Upper
43 100
58 179.8 31.4 47.2#

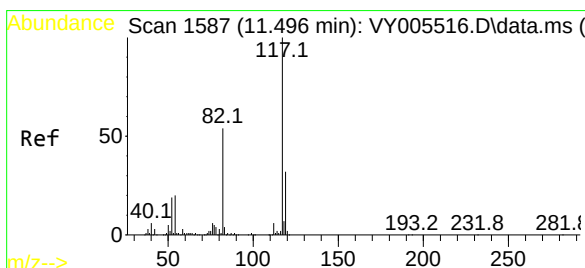
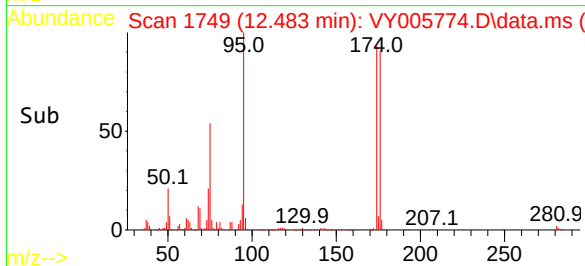
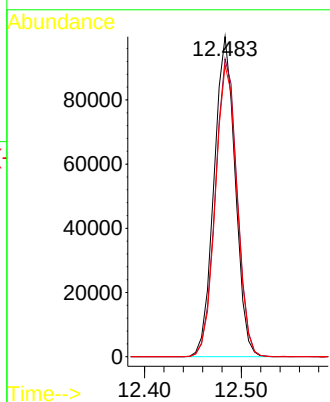
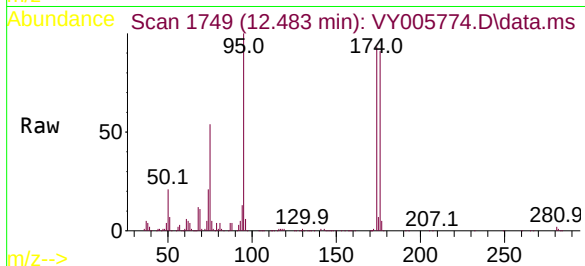




#62
4-Bromofluorobenzene
Concen: 58.781 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005774.D
Acq: 19 Aug 2021 17:07

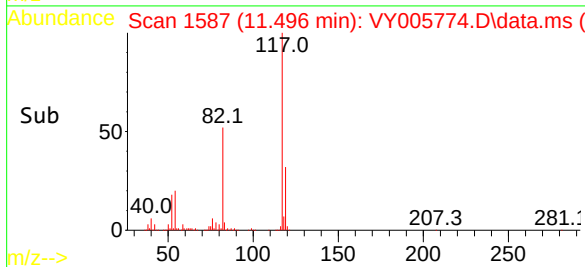
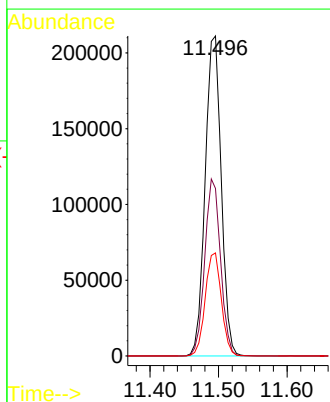
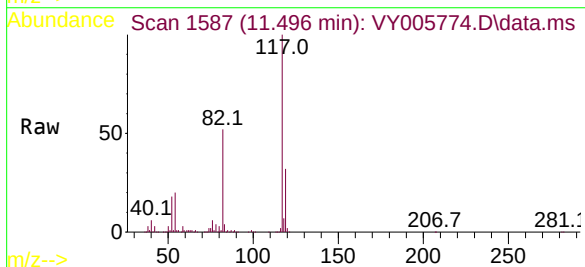
Instrument :
MSVOA_Y
ClientSampleId :

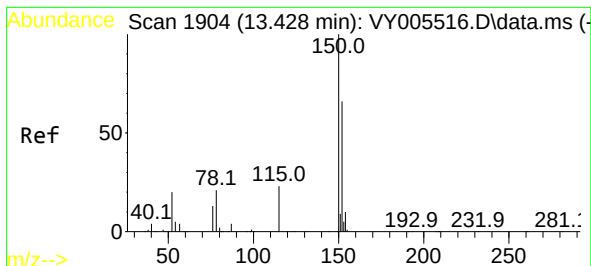
Tgt Ion: 95 Resp: 151389
Ion Ratio Lower Upper
95 100
174 96.0 0.0 191.4
176 93.0 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005774.D
Acq: 19 Aug 2021 17:07

Tgt Ion: 117 Resp: 344203
Ion Ratio Lower Upper
117 100
82 52.4 43.5 65.3
119 32.2 25.5 38.3



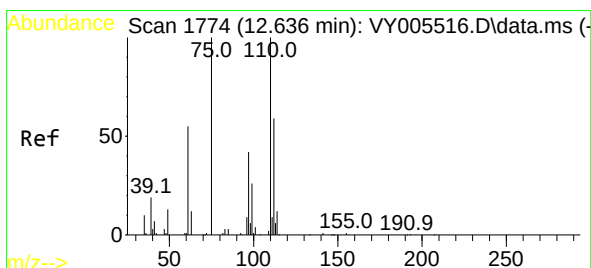
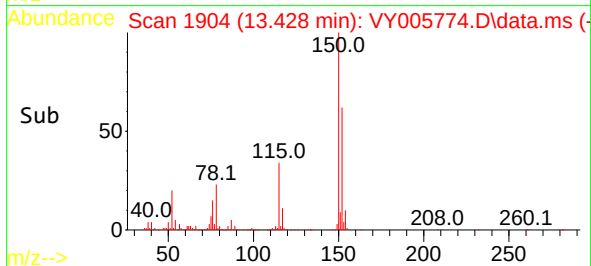
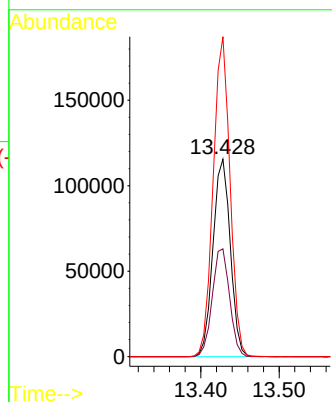
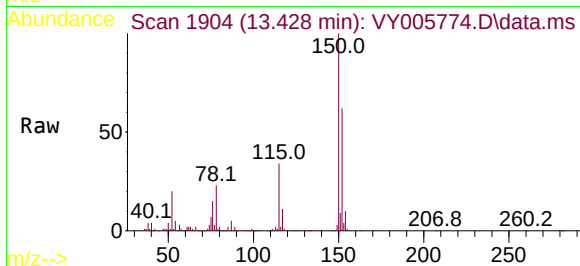


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005774.D
 Acq: 19 Aug 2021 17:07

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:152 Resp: 177649

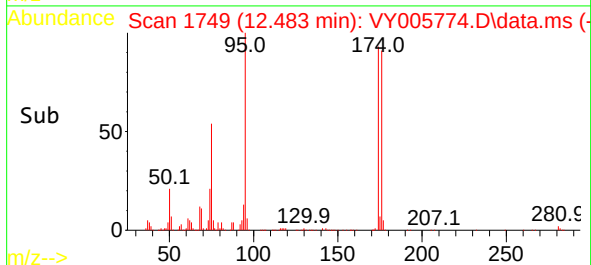
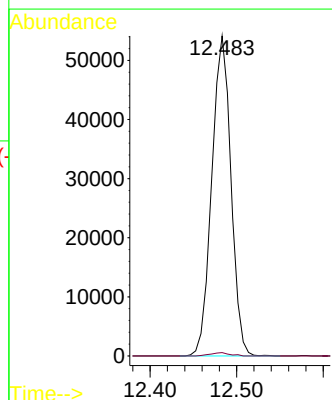
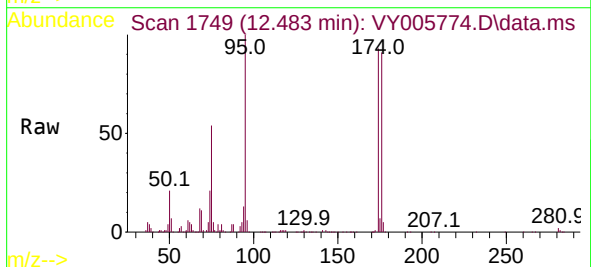
Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.3	81.9
150	157.2	0.0	350.2

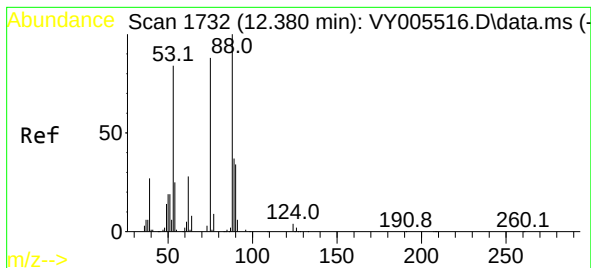


#76
 1,2,3-Trichloropropane
 Concen: 45.225 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005774.D
 Acq: 19 Aug 2021 17:07

Tgt Ion: 75 Resp: 83258

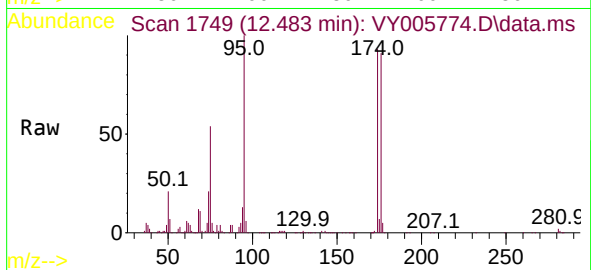
Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.169 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005774.D
Acq: 19 Aug 2021 17:07

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	83258
Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.0	38.4	57.6#

