

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005775.D
 Acq On : 19 Aug 2021 17:30
 Operator : SY/MD
 Sample : M3418-14
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 06:58:05 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)

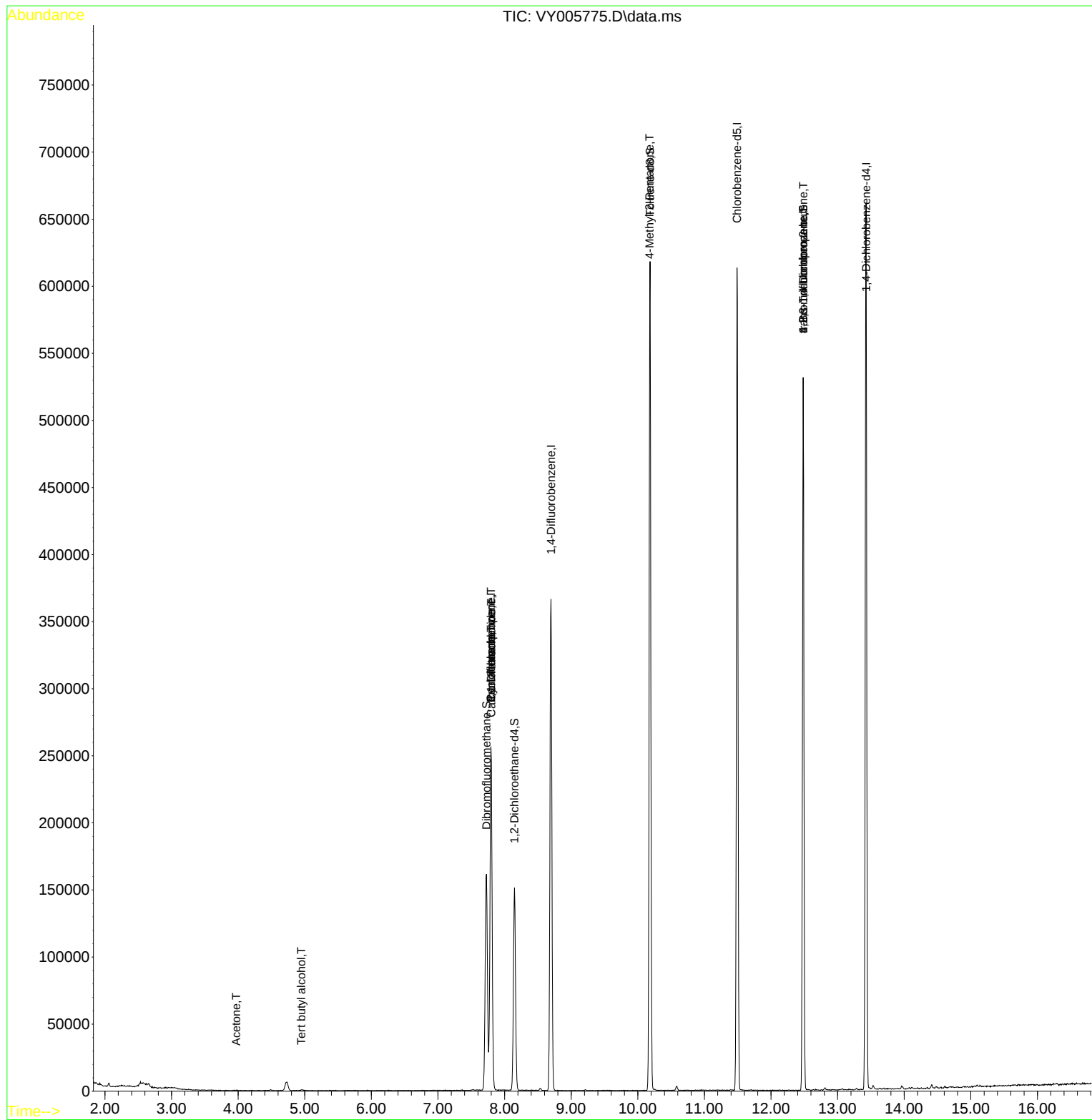
Internal Standards						
1) Pentafluorobenzene	7.795	168	203908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	312849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	330334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	120110	58.191	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.380%			
35) Dibromofluoromethane	7.728	113	110858	63.291	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 126.580%			
50) Toluene-d8	10.185	98	404846	55.111	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.220%			
62) 4-Bromofluorobenzene	12.483	95	145207	59.692	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 119.380%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	583	2.857	ug/l #	73
16) Acetone	3.972	43	710	1.364	ug/l #	45
20) Methylene Chloride	4.728	84	5330	Below Cal		92
31) Cyclohexane	7.795	56	4021	1.136	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15053	5.130	ug/l #	49
38) Carbon Tetrachloride	7.801	117	19432	6.093	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1858	1.048	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	80498	45.068	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80498	90.851	ug/l #	11

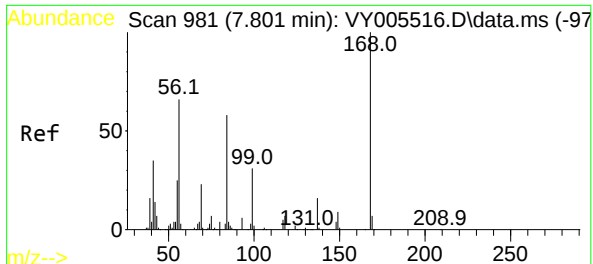
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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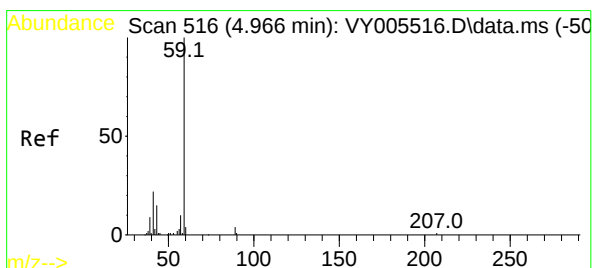
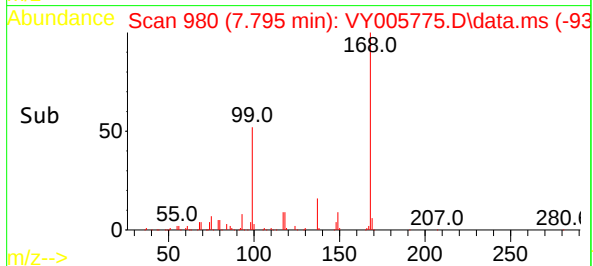
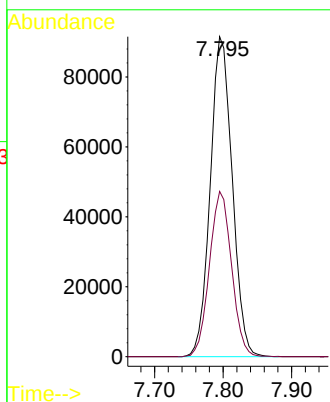
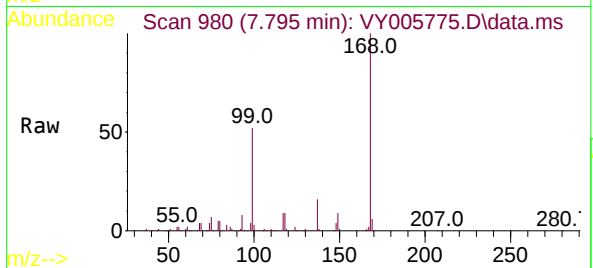




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005775.D
Acq: 19 Aug 2021 17:30

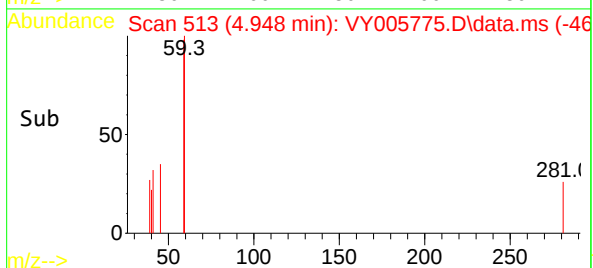
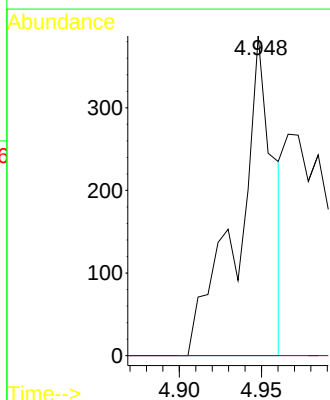
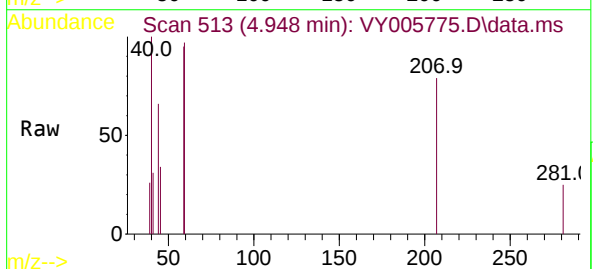
Instrument :
MSVOA_Y
ClientSampleId :

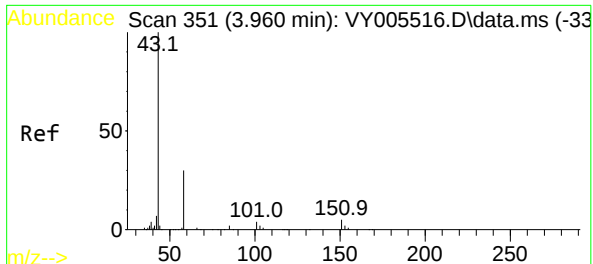
Tgt Ion:168 Resp: 203908
Ion Ratio Lower Upper
168 100
99 51.7 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.857 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY005775.D
Acq: 19 Aug 2021 17:30

Tgt Ion: 59 Resp: 583
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

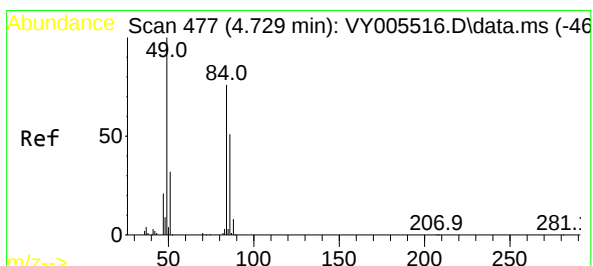
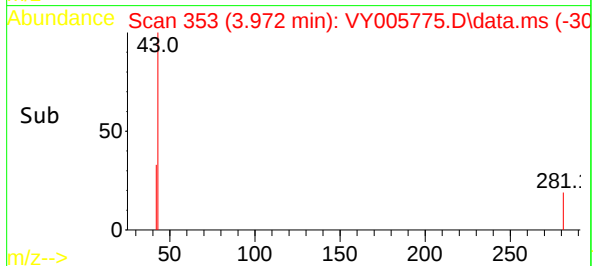
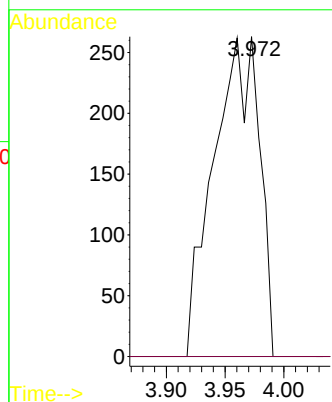
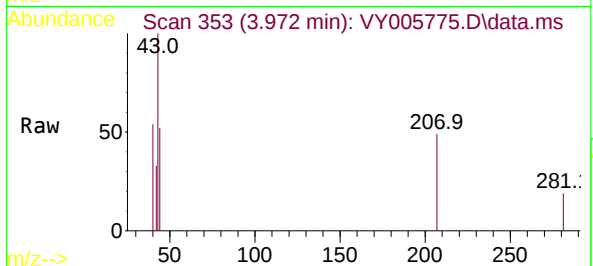




#16
Acetone
Concen: 1.364 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005775.D
Acq: 19 Aug 2021 17:30

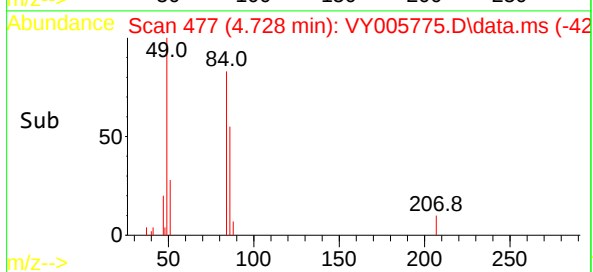
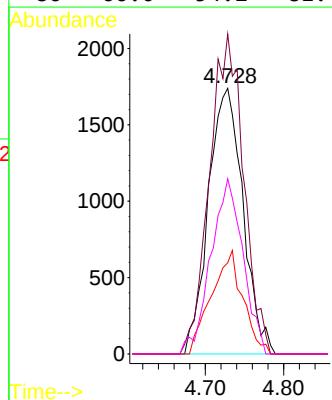
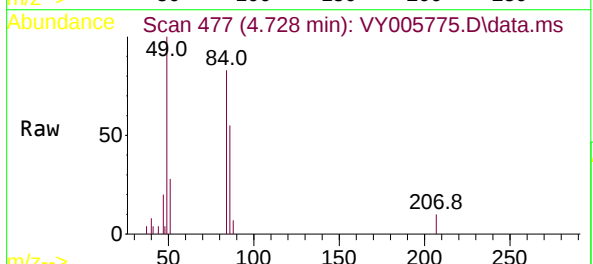
Instrument :
MSVOA_Y
ClientSampled :

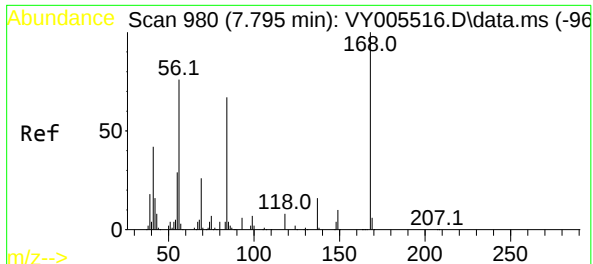
Tgt Ion: 43 Resp: 710
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005775.D
Acq: 19 Aug 2021 17:30

Tgt Ion: 84 Resp: 5330
Ion Ratio Lower Upper
84 100
49 120.5 105.8 158.6
51 34.3 33.4 50.2
86 66.0 54.2 81.4

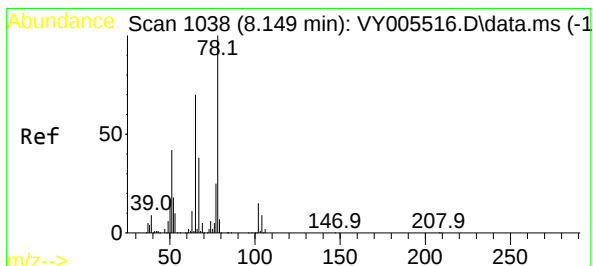
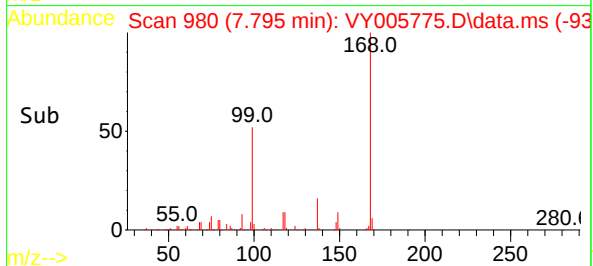
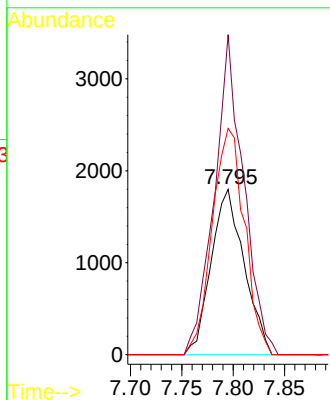
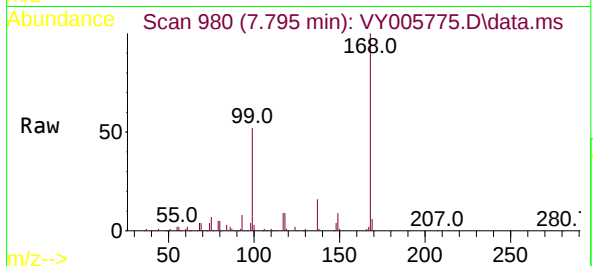




#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005775.D
Acq: 19 Aug 2021 17:30

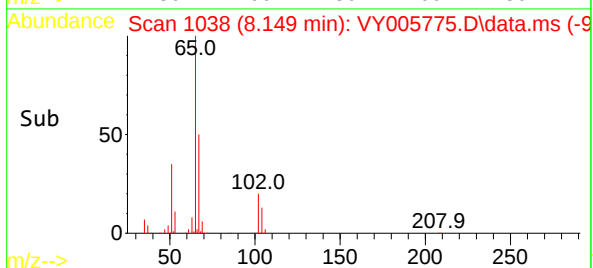
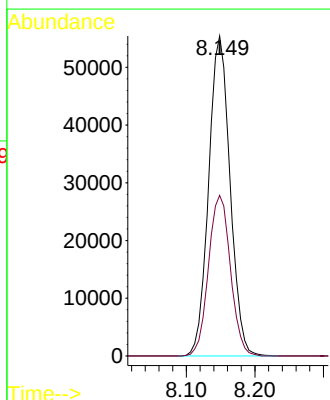
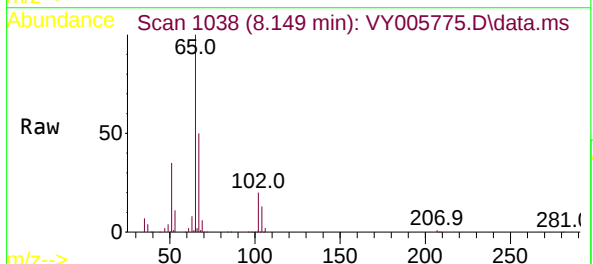
Instrument :
MSVOA_Y
ClientSampleId :

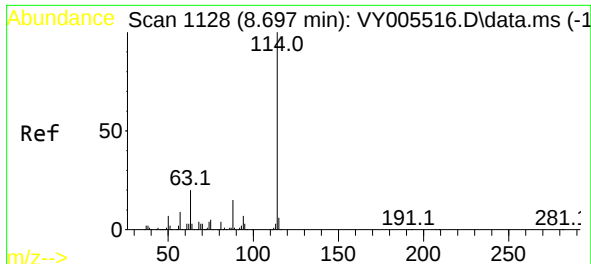
Tgt Ion: 56 Resp: 4021
Ion Ratio Lower Upper
56 100
69 193.5 27.7 41.5#
84 136.9 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 58.191 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005775.D
Acq: 19 Aug 2021 17:30

Tgt Ion: 65 Resp: 120110
Ion Ratio Lower Upper
65 100
67 51.4 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: VY005775.D

Acq: 19 Aug 2021 17:30

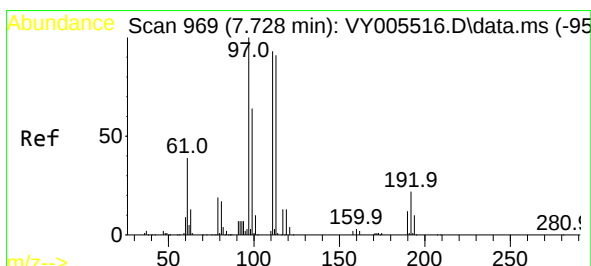
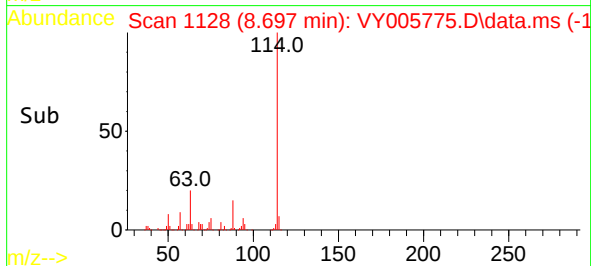
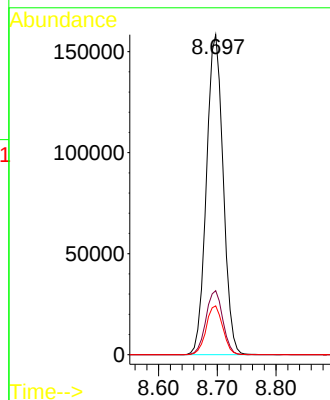
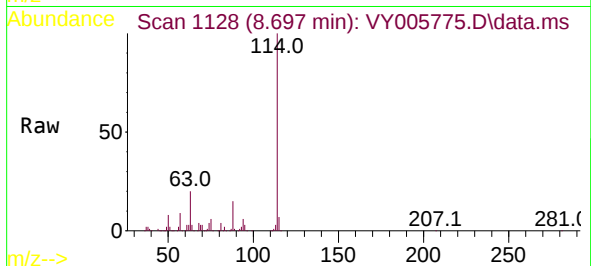
Tgt Ion:114 Resp: 312849

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

88 15.3 0.0 30.8



#35

Dibromofluoromethane

Concen: 63.291 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005775.D

Acq: 19 Aug 2021 17:30

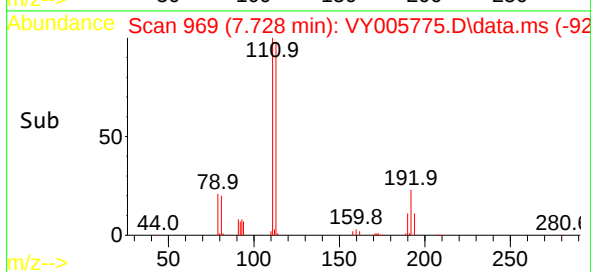
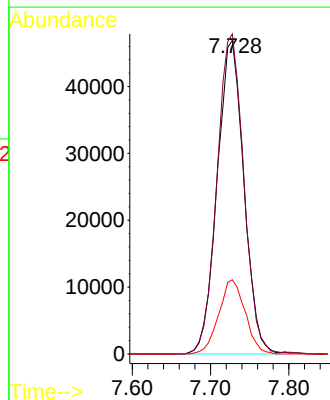
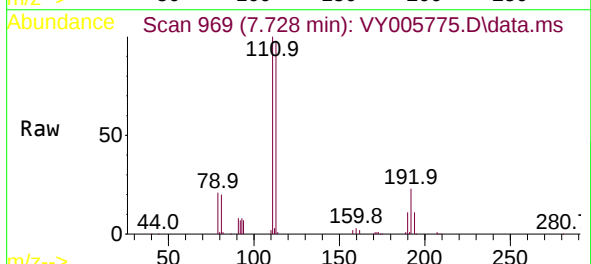
Tgt Ion:113 Resp: 110858

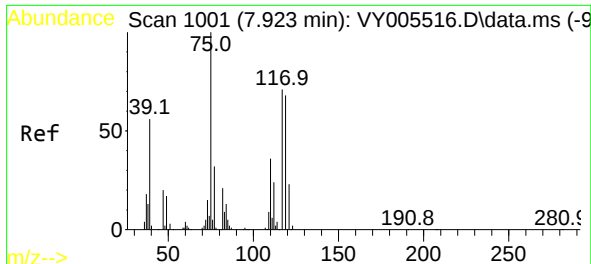
Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

192 23.4 19.2 28.8



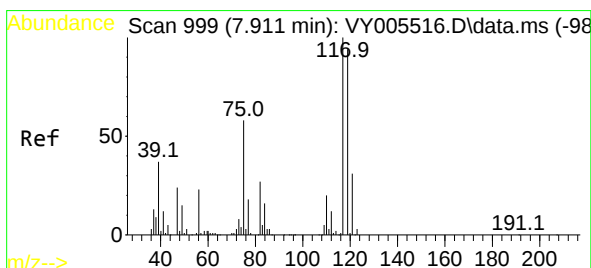
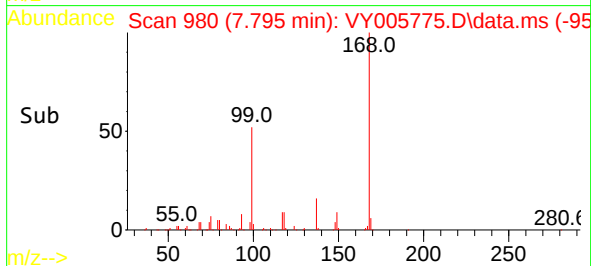
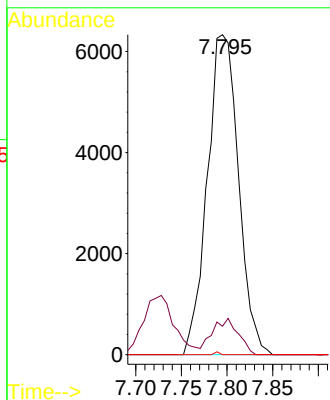
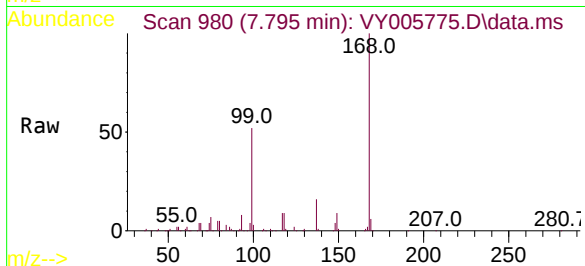


#36

1,1-Dichloropropene
Concen: 5.130 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005775.D
Acq: 19 Aug 2021 17:30

Instrument :
MSVOA_Y
ClientSampleId :

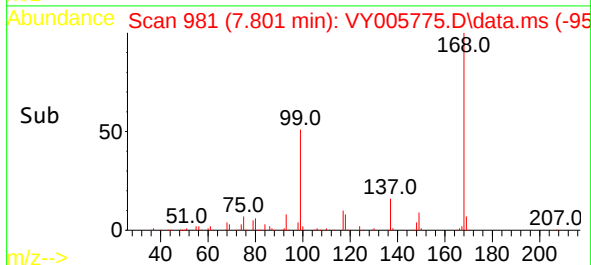
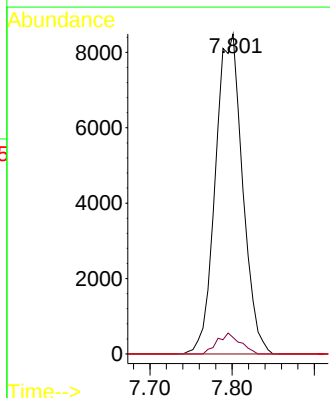
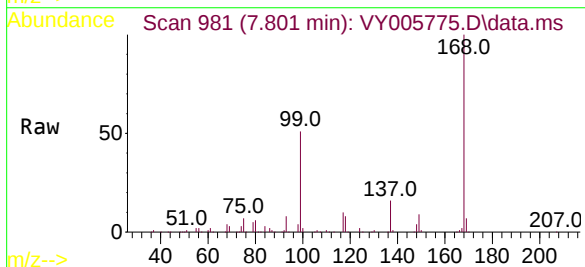
Tgt Ion:	75	Resp:	15053
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.1#
77	0.1	25.1	37.7#

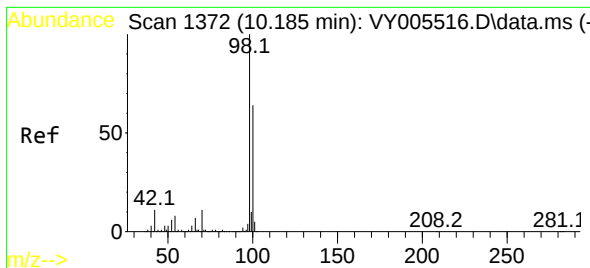


#38

Carbon Tetrachloride
Concen: 6.093 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005775.D
Acq: 19 Aug 2021 17:30

Tgt Ion:	117	Resp:	19432
Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.4	113.0#
121	0.0	25.1	37.7#

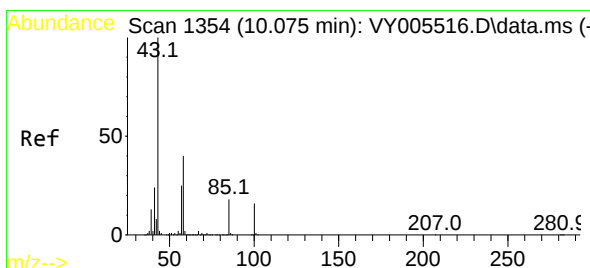
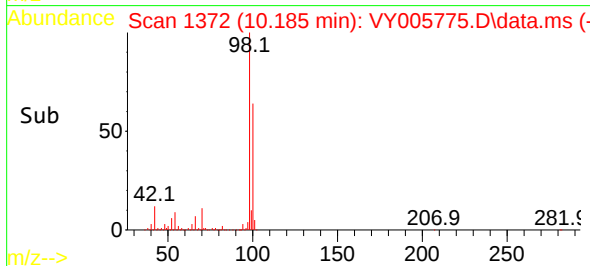
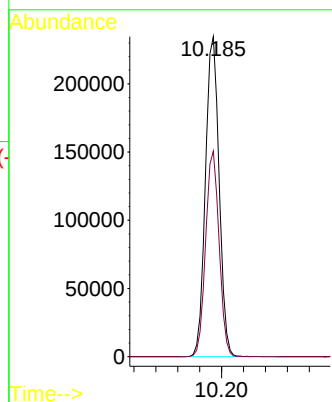
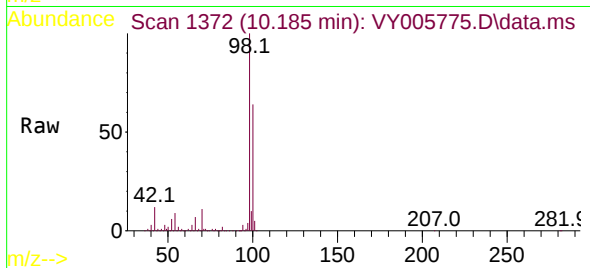




#50
Toluene-d8
Concen: 55.111 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005775.D
Acq: 19 Aug 2021 17:30

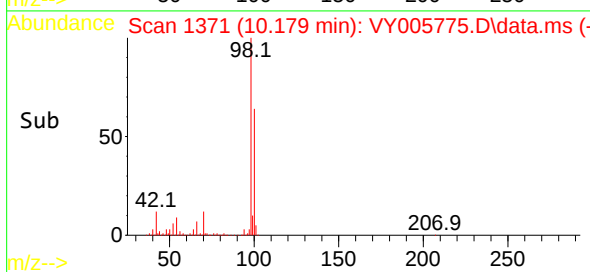
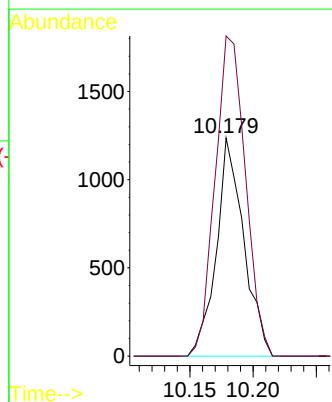
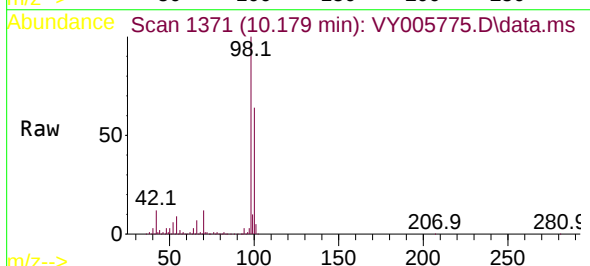
Instrument :
MSVOA_Y
ClientSampleId :

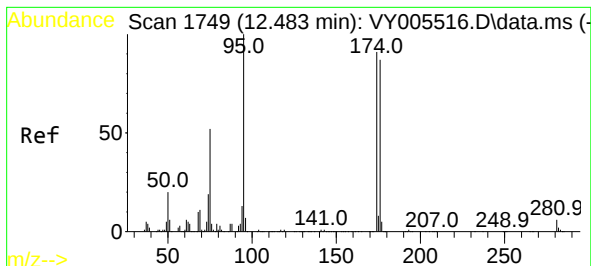
Tgt Ion: 98 Resp: 404846
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.048 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005775.D
Acq: 19 Aug 2021 17:30

Tgt Ion: 43 Resp: 1858
Ion Ratio Lower Upper
43 100
58 163.1 31.4 47.2#

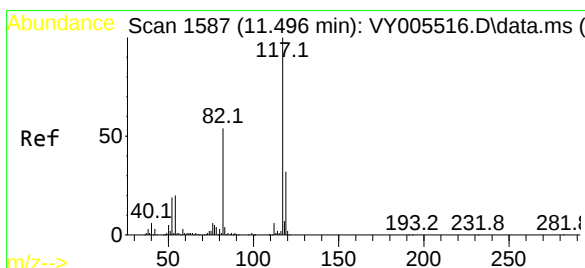
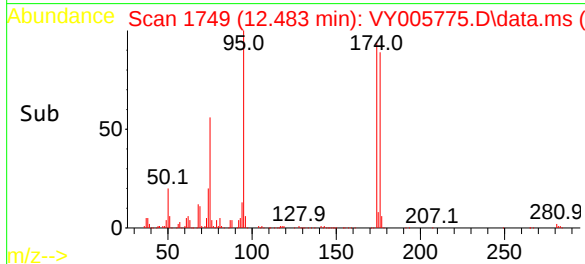
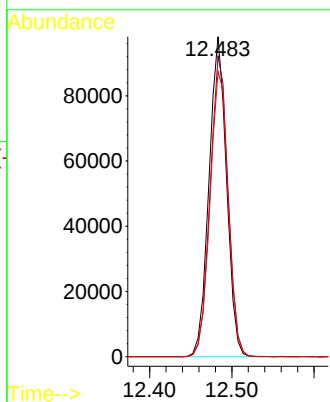
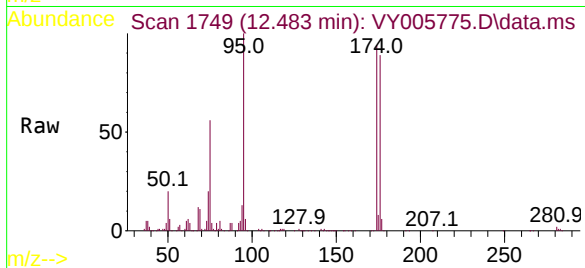




#62
4-Bromofluorobenzene
Concen: 59.692 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005775.D
Acq: 19 Aug 2021 17:30

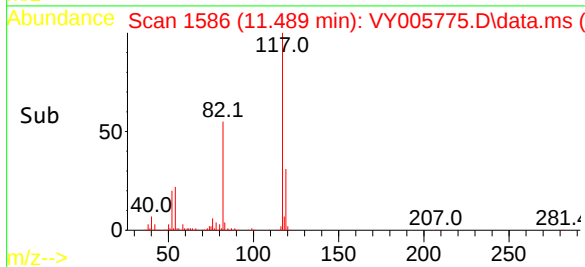
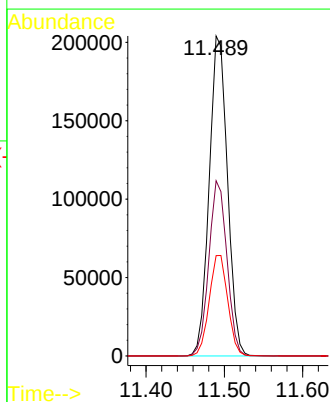
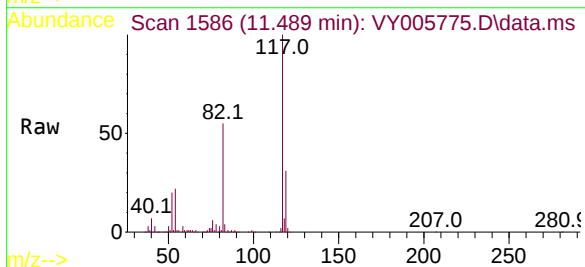
Instrument :
MSVOA_Y
ClientSampleId :

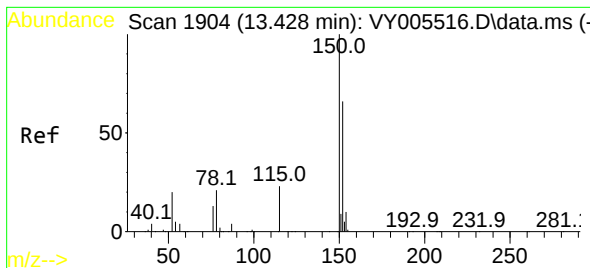
Tgt Ion: 95 Resp: 145207
Ion Ratio Lower Upper
95 100
174 96.2 0.0 191.4
176 92.7 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005775.D
Acq: 19 Aug 2021 17:30

Tgt Ion: 117 Resp: 330334
Ion Ratio Lower Upper
117 100
82 54.8 43.5 65.3
119 31.3 25.5 38.3

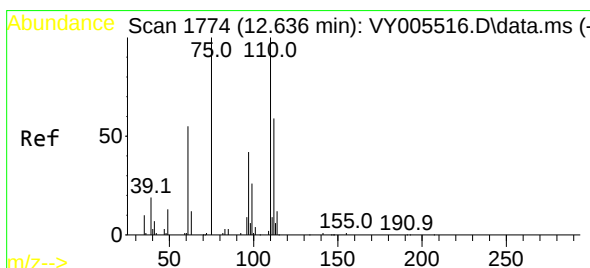
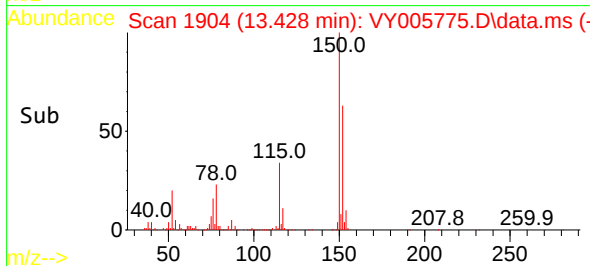
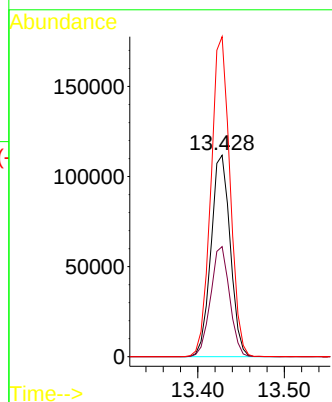
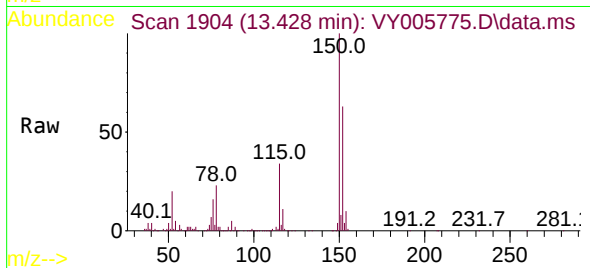




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005775.D
 Acq: 19 Aug 2021 17:30

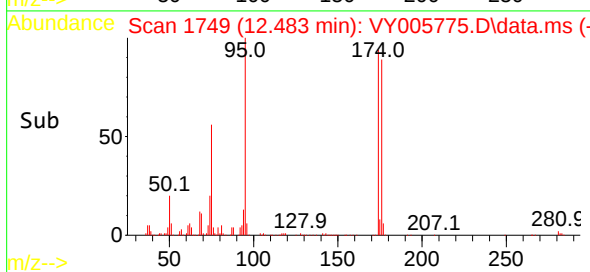
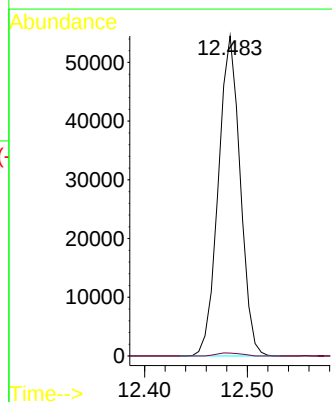
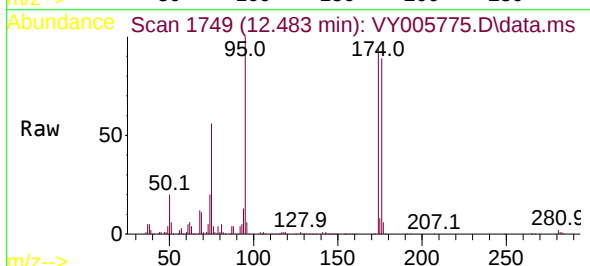
Instrument :
 MSVOA_Y
 ClientSampleId :

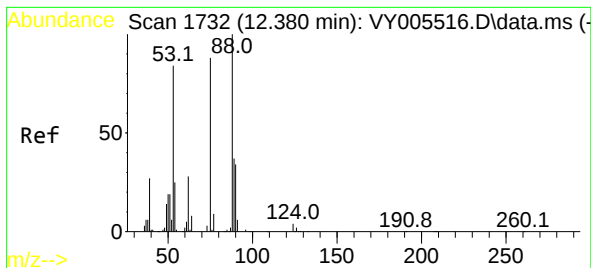
Tgt Ion:152 Resp: 172361
 Ion Ratio Lower Upper
 152 100
 115 54.1 27.3 81.9
 150 157.5 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 45.068 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005775.D
 Acq: 19 Aug 2021 17:30

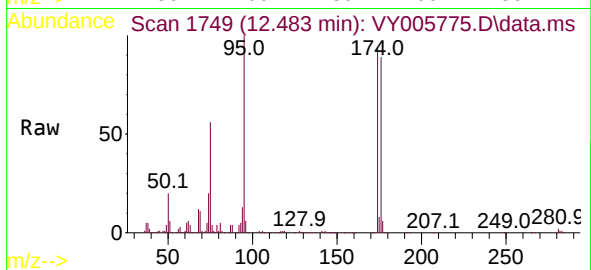
Tgt Ion: 75 Resp: 80498
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.851 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005775.D
 Acq: 19 Aug 2021 17:30

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 80498
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.4 57.6#

