

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005745.D
 Acq On : 18 Aug 2021 17:18
 Operator : SY/MD
 Sample : M3428-16
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 19 05:18:25 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)

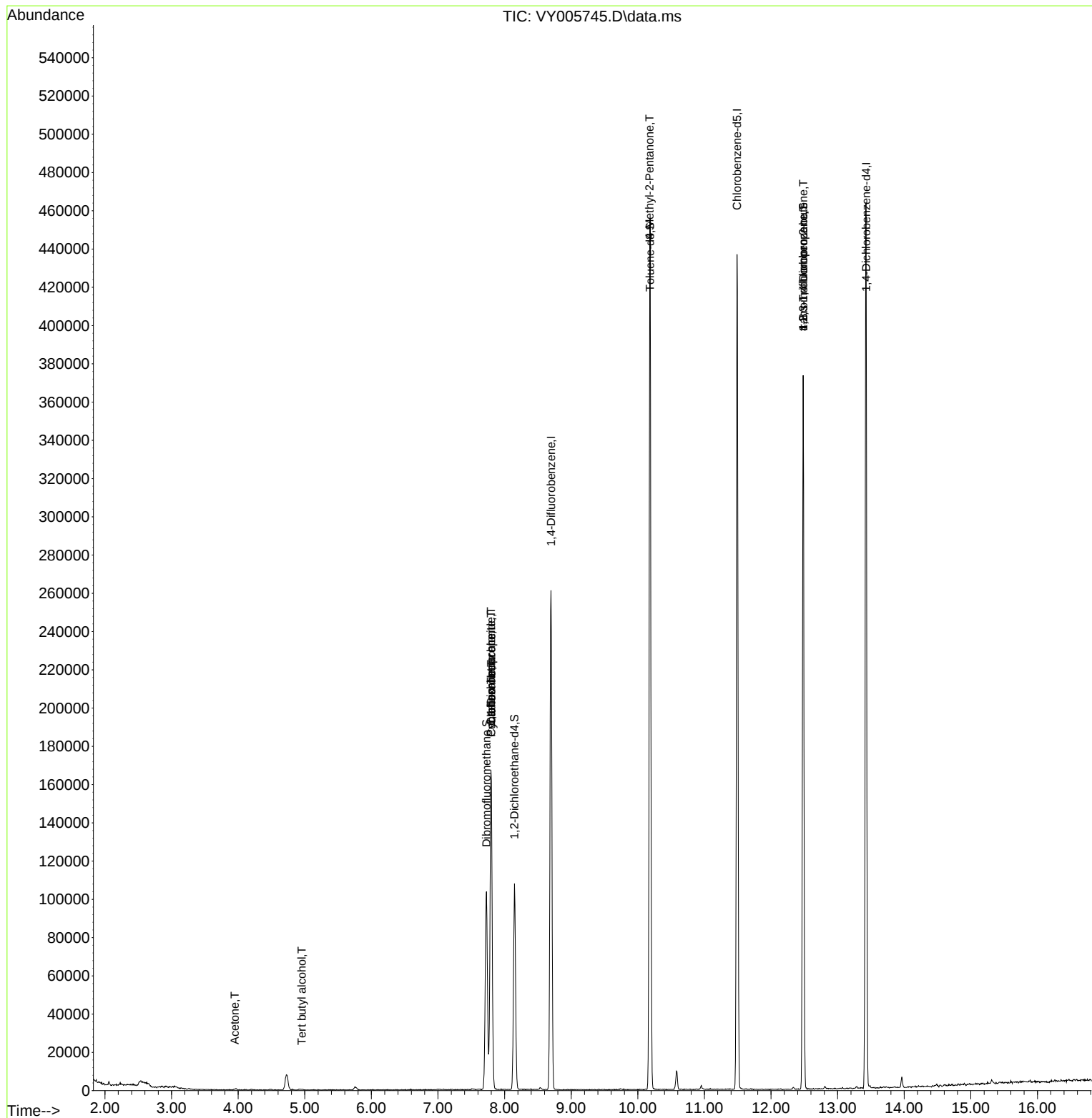
Internal Standards						
1) Pentafluorobenzene	7.801	168	135440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	224751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	232621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84987	61.989	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.980%	
35) Dibromofluoromethane	7.728	113	68792	54.669	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.340%	
50) Toluene-d8	10.185	98	291914	55.315	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.620%	
62) 4-Bromofluorobenzene	12.483	95	101163	57.887	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	253	1.867	ug/l #	73
16) Acetone	3.948	43	1038	3.003	ug/l	91
20) Methylene Chloride	4.735	84	5900	Below Cal		93
31) Cyclohexane	7.801	56	2831	1.204	ug/l #	40
36) 1,1-Dichloropropene	7.795	75	9644	4.575	ug/l #	49
38) Carbon Tetrachloride	7.795	117	12645	5.519	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1370	1.076	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	55986	44.893	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55986	90.499	ug/l #	11

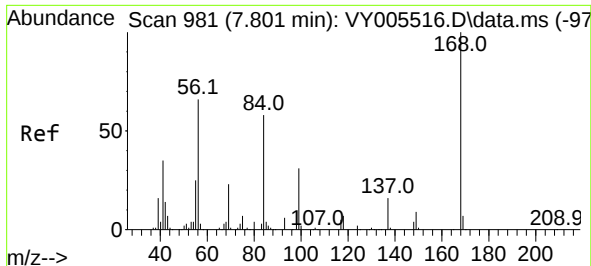
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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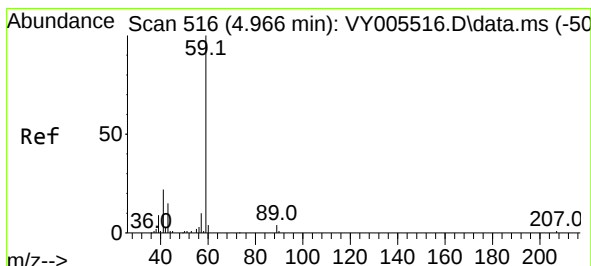
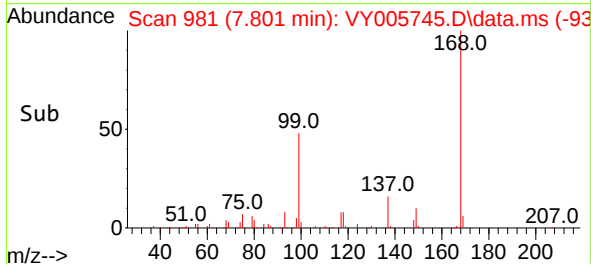
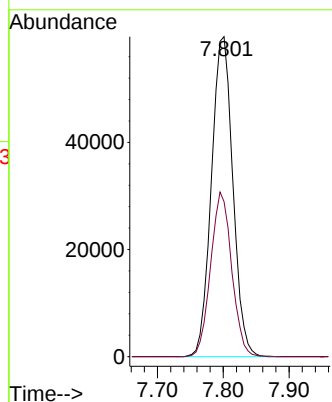
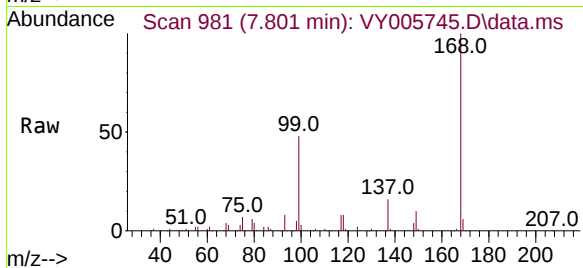




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005745.D
Acq: 18 Aug 2021 17:18

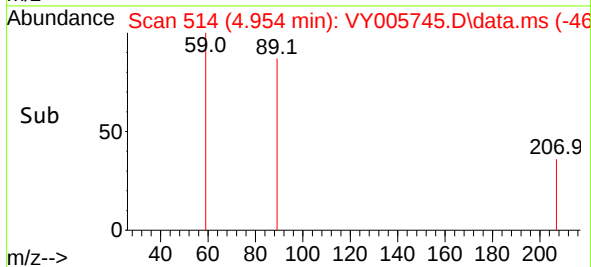
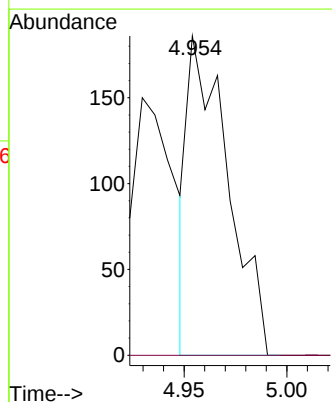
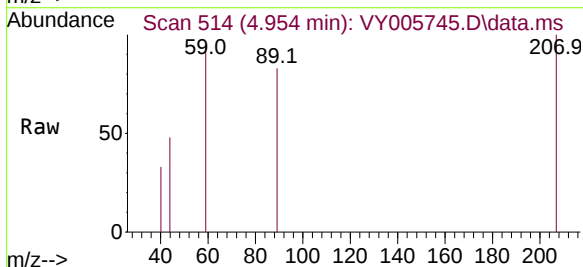
Instrument :
MSVOA_Y
ClientSampleId :

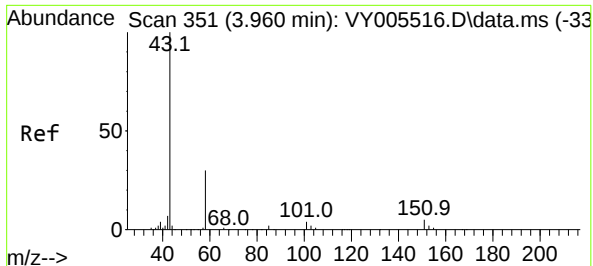
Tgt Ion:168 Resp: 135440
Ion Ratio Lower Upper
168 100
99 48.4 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.867 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY005745.D
Acq: 18 Aug 2021 17:18

Tgt Ion: 59 Resp: 253
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

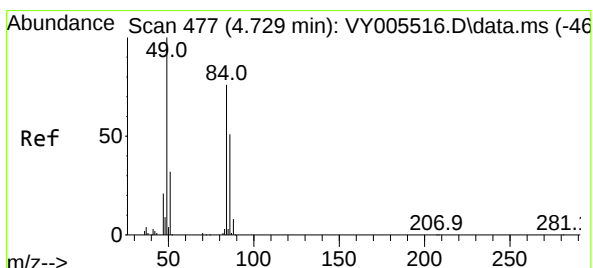
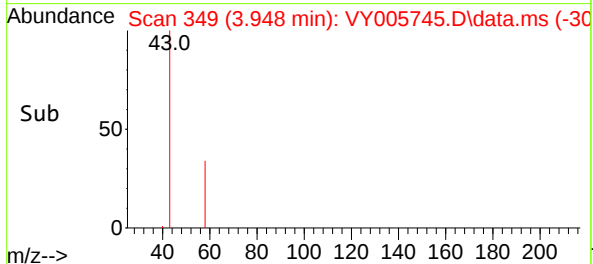
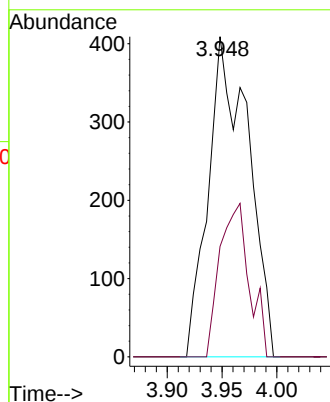
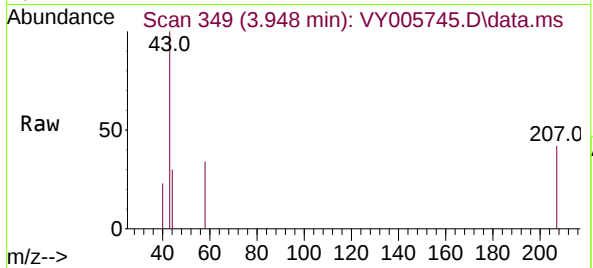




#16
Acetone
Concen: 3.003 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY005745.D
Acq: 18 Aug 2021 17:18

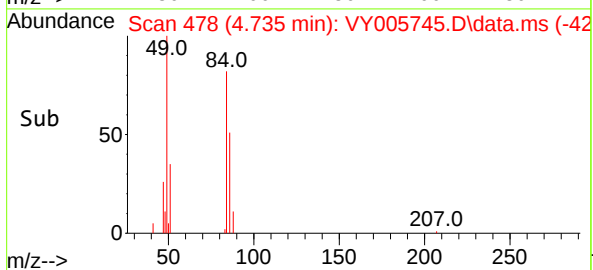
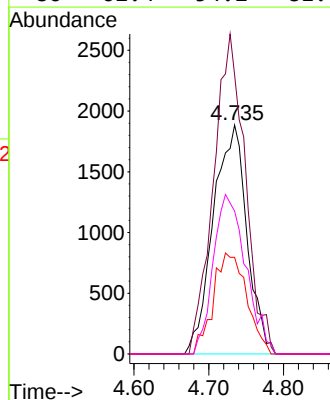
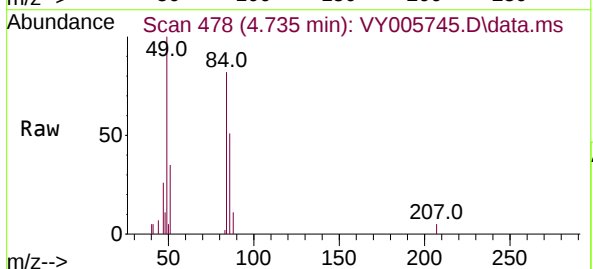
Instrument :
MSVOA_Y
ClientSampled :

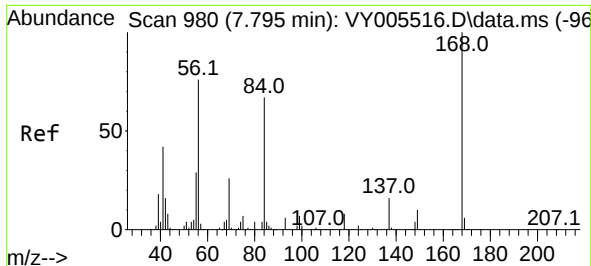
Tgt Ion: 43 Resp: 1038
Ion Ratio Lower Upper
43 100
58 34.5 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005745.D
Acq: 18 Aug 2021 17:18

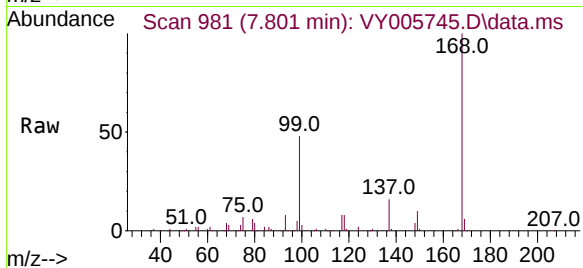
Tgt Ion: 84 Resp: 5900
Ion Ratio Lower Upper
84 100
49 121.9 105.8 158.6
51 42.2 33.4 50.2
86 62.4 54.2 81.4



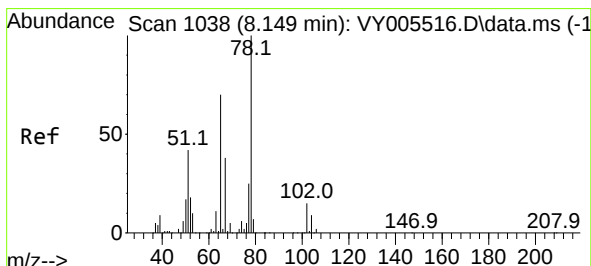
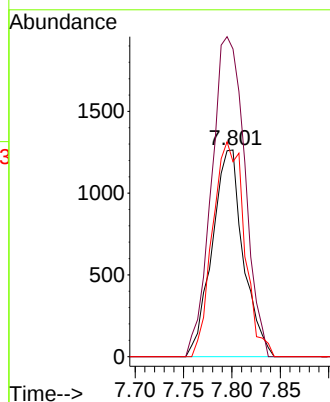
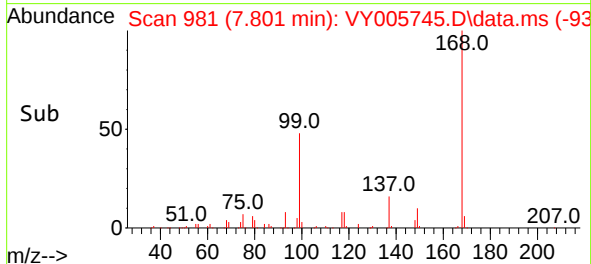


#31
Cyclohexane
Concen: 1.204 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005745.D
Acq: 18 Aug 2021 17:18

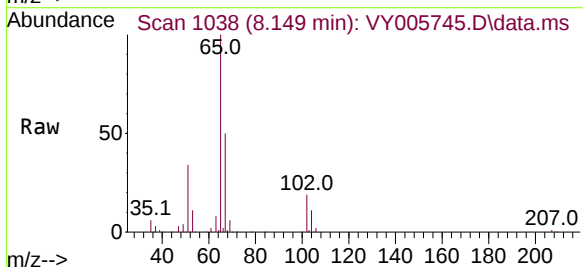
Instrument :
MSVOA_Y
ClientSampleId :



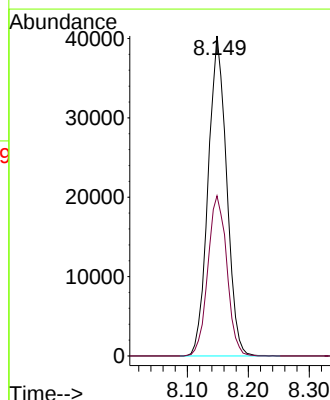
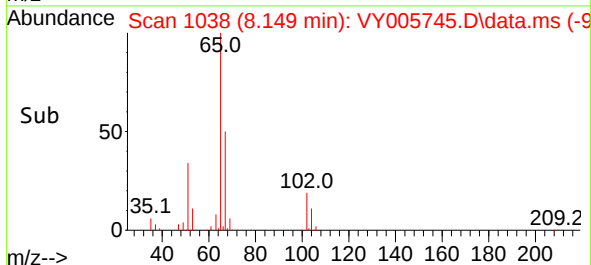
Tgt Ion: 56 Resp: 2831
Ion Ratio Lower Upper
56 100
69 148.9 27.7 41.5#
84 94.4 70.9 106.3

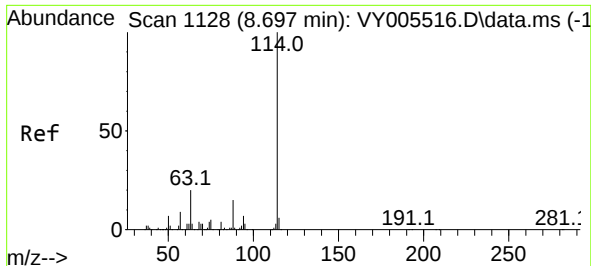


#33
1,2-Dichloroethane-d4
Concen: 61.989 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005745.D
Acq: 18 Aug 2021 17:18



Tgt Ion: 65 Resp: 84987
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4

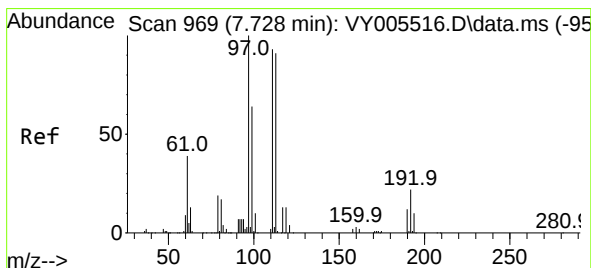
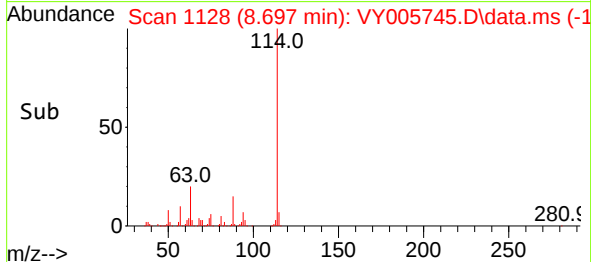
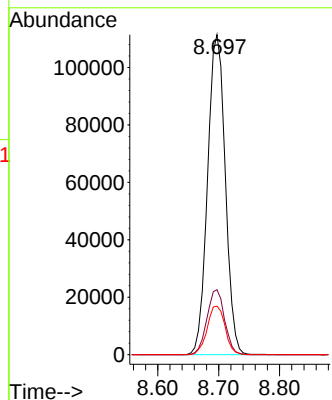
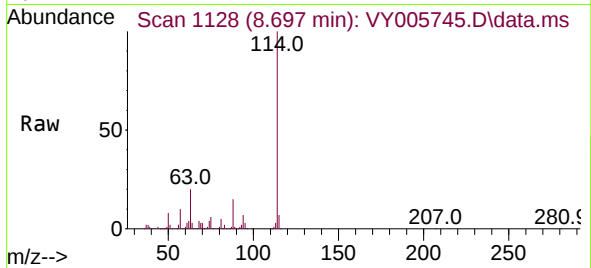




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005745.D
Acq: 18 Aug 2021 17:18

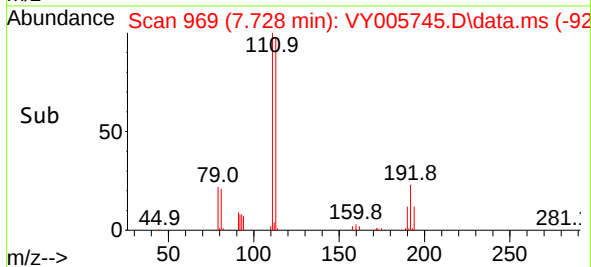
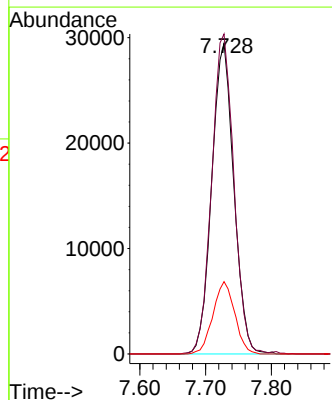
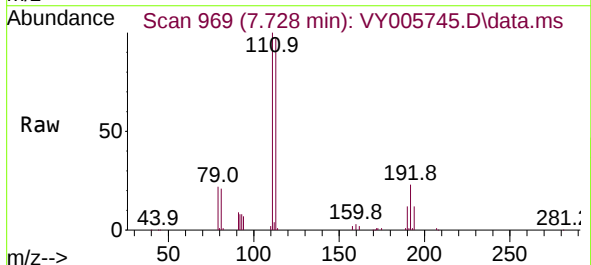
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 224751
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.2
88 15.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.669 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005745.D
Acq: 18 Aug 2021 17:18

Tgt Ion:113 Resp: 68792
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 23.0 19.2 28.8

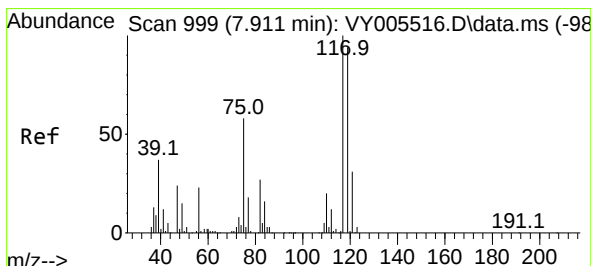
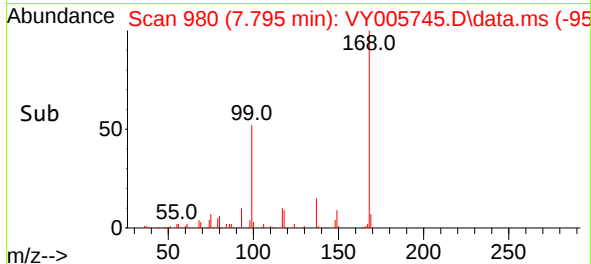
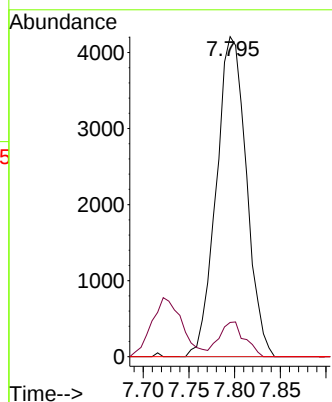
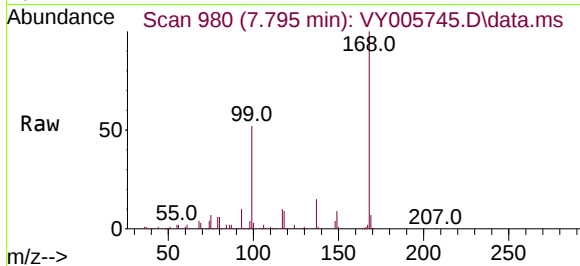




#36
1,1-Dichloropropene
Concen: 4.575 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005745.D
Acq: 18 Aug 2021 17:18

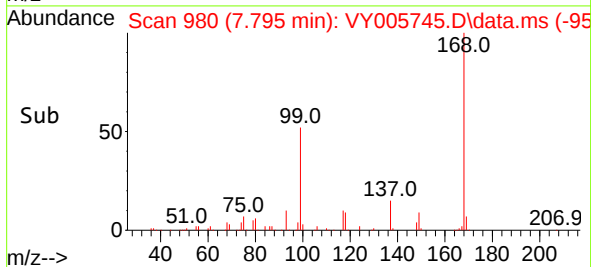
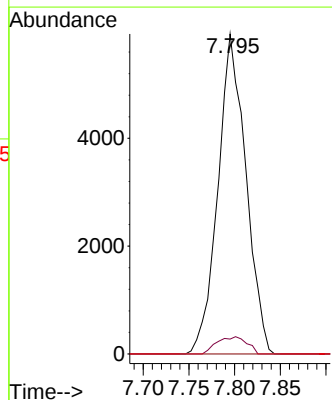
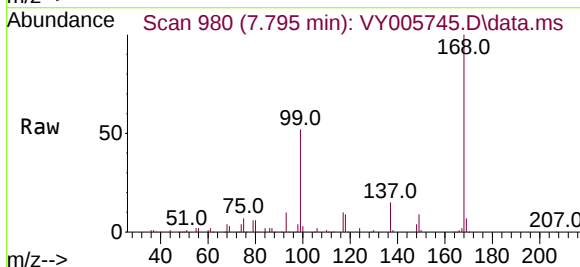
Instrument :
MSVOA_Y
ClientSampleId :

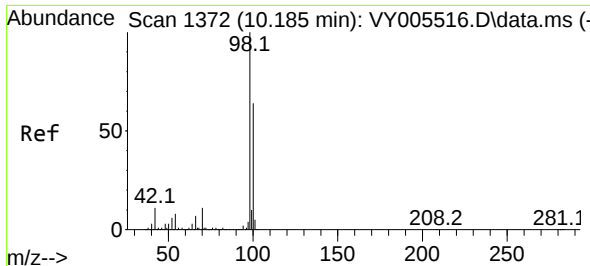
Tgt Ion:	75	Resp:	9644
Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.1#
77	0.0	25.1	37.7#



#38
Carbon Tetrachloride
Concen: 5.519 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005745.D
Acq: 18 Aug 2021 17:18

Tgt Ion:	117	Resp:	12645
Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.4	113.0#
121	0.0	25.1	37.7#

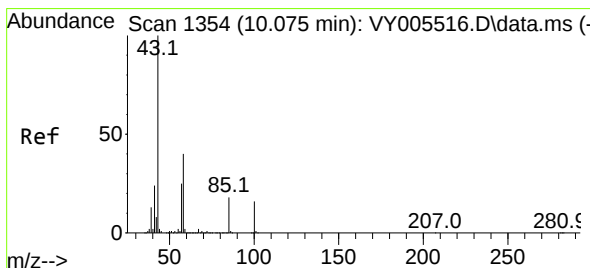
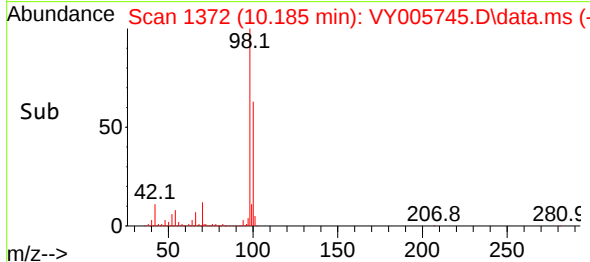
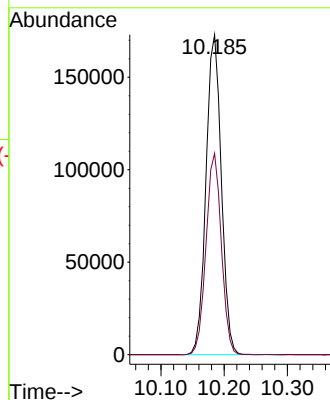
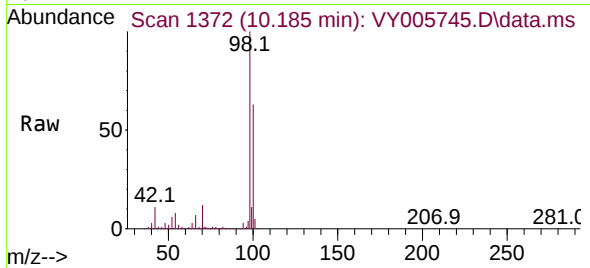




#50
Toluene-d8
Concen: 55.315 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005745.D
Acq: 18 Aug 2021 17:18

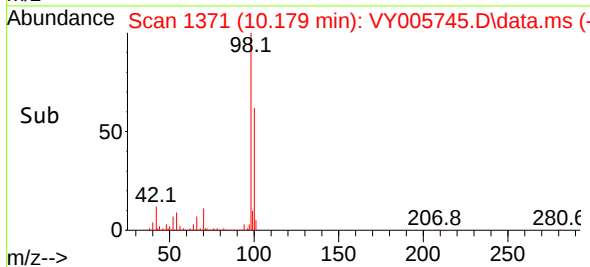
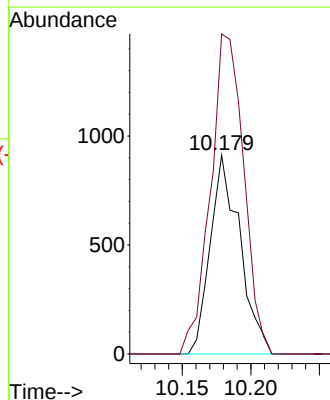
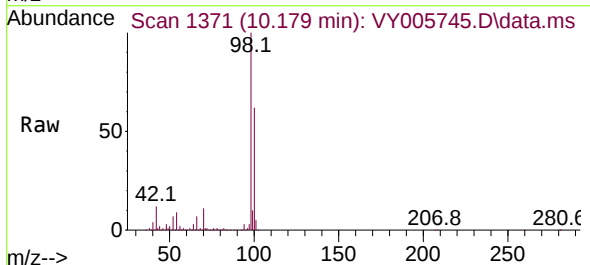
Instrument :
MSVOA_Y
ClientSampled :

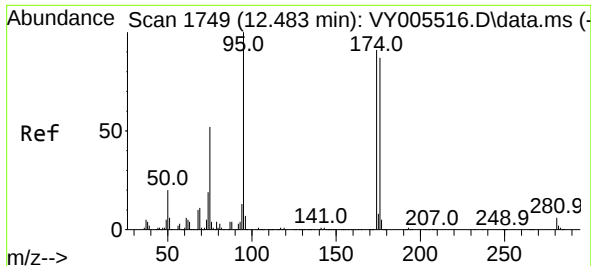
Tgt Ion: 98 Resp: 291914
Ion Ratio Lower Upper
98 100
100 62.9 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.076 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005745.D
Acq: 18 Aug 2021 17:18

Tgt Ion: 43 Resp: 1370
Ion Ratio Lower Upper
43 100
58 180.7 31.4 47.2#

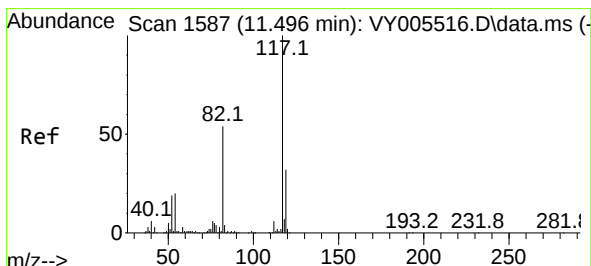
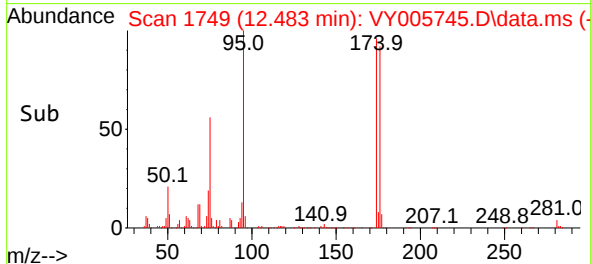
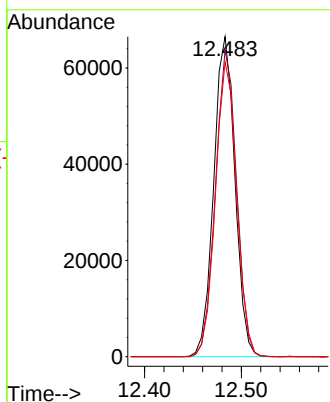
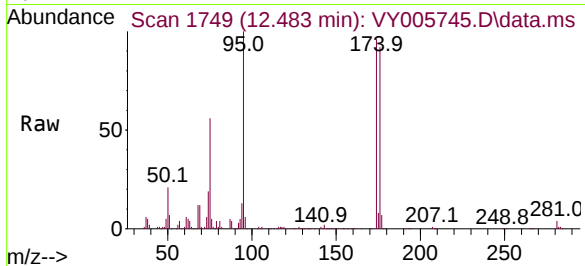




#62
4-Bromofluorobenzene
Concen: 57.887 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005745.D
Acq: 18 Aug 2021 17:18

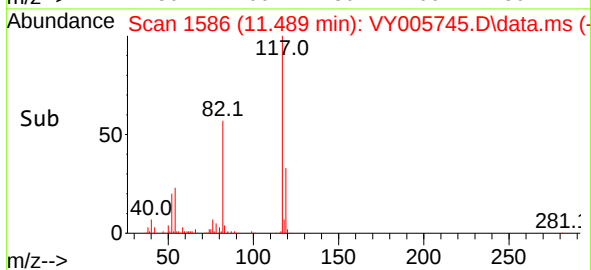
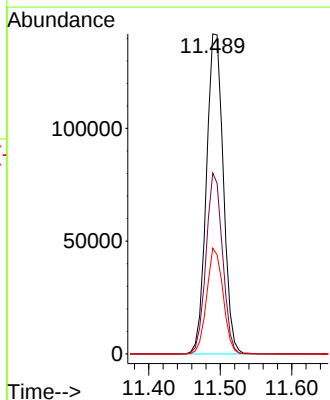
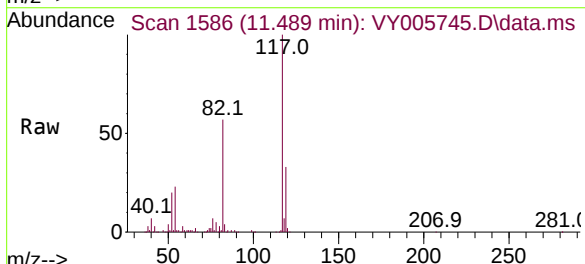
Instrument :
MSVOA_Y
ClientSampleId :

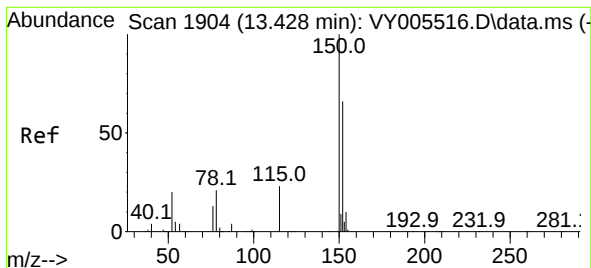
Tgt Ion: 95 Resp: 101163
Ion Ratio Lower Upper
95 100
174 95.7 0.0 191.4
176 92.3 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005745.D
Acq: 18 Aug 2021 17:18

Tgt Ion: 117 Resp: 232621
Ion Ratio Lower Upper
117 100
82 56.5 43.5 65.3
119 33.1 25.5 38.3

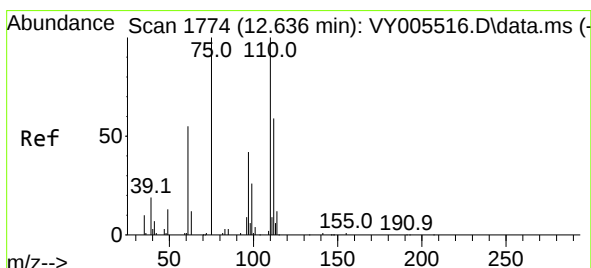
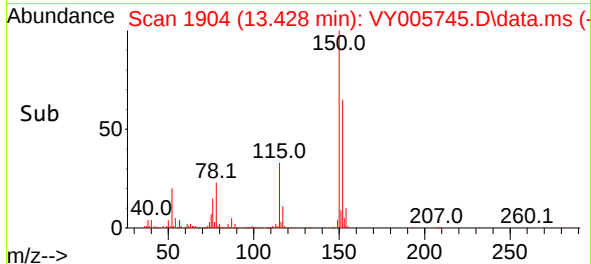
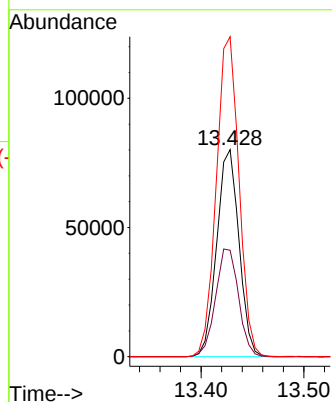
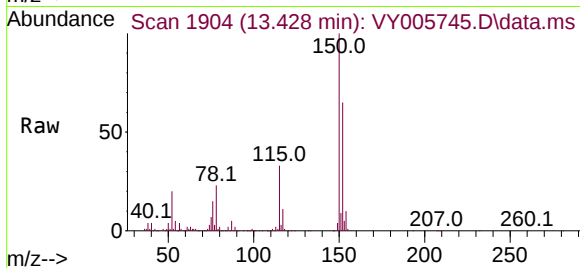




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005745.D
 Acq: 18 Aug 2021 17:18

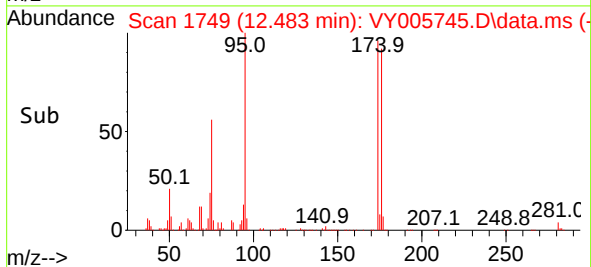
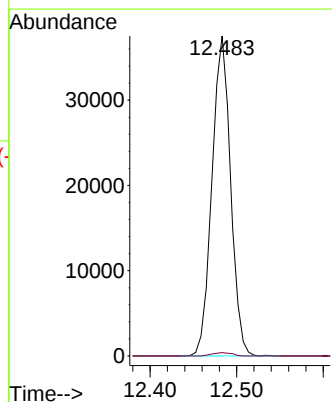
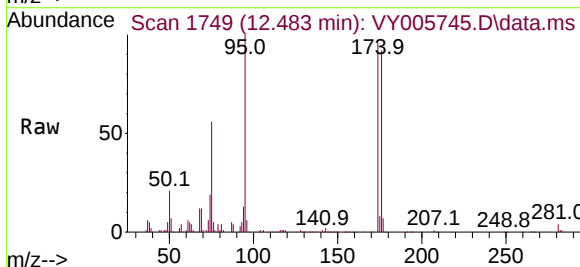
Instrument :
 MSVOA_Y
 ClientSampled :

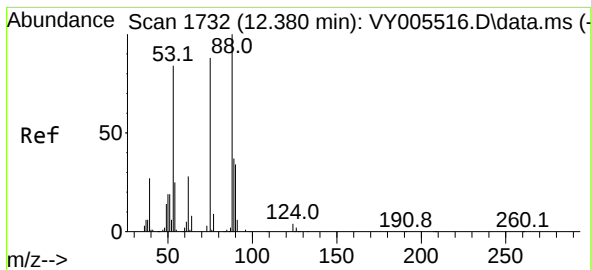
Tgt Ion:152 Resp: 120342
 Ion Ratio Lower Upper
 152 100
 115 53.9 27.3 81.9
 150 157.2 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 44.893 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005745.D
 Acq: 18 Aug 2021 17:18

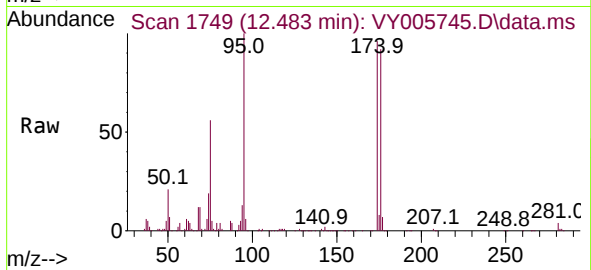
Tgt Ion: 75 Resp: 55986
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.499 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005745.D
 Acq: 18 Aug 2021 17:18

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	55986
Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.1	38.4	57.6#

