

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004537.D
 Acq On : 20 Apr 2021 18:27
 Operator : SY/MD
 Sample : M2097-02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 08:54:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

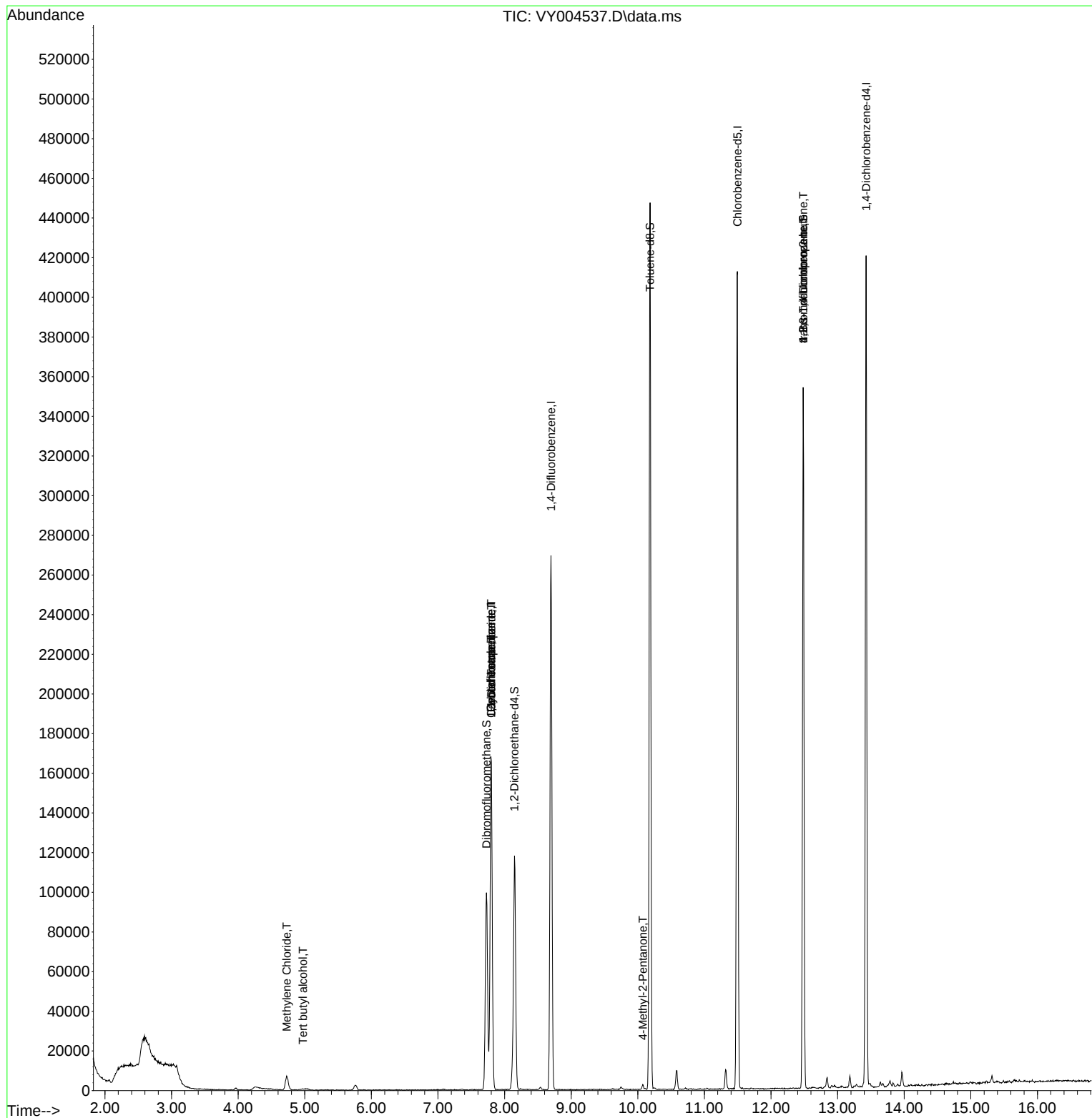
Internal Standards						
1) Pentafluorobenzene	7.795	168	125591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	223835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	214528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100941	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	87257	62.53	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.06%
35) Dibromofluoromethane	7.728	113	69194	55.70	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.40%
50) Toluene-d8	10.185	98	276196	52.27	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.54%
62) 4-Bromofluorobenzene	12.483	95	97044	54.12	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.24%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	1342	9.76	ug/l #	73
16) Acetone	3.960	43	1614	Below Cal	#	85
20) Methylene Chloride	4.728	84	4767	3.54	ug/l	94
31) Cyclohexane	7.795	56	3277	1.28	ug/l #	19
36) 1,1-Dichloropropene	7.801	75	10560	4.75	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12742	6.63	ug/l #	16
51) 4-Methyl-2-Pentanone	10.075	43	1677	1.20	ug/l	99
76) 1,2,3-Trichloropropane	12.483	75	53769	49.63	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53769	88.78	ug/l #	12

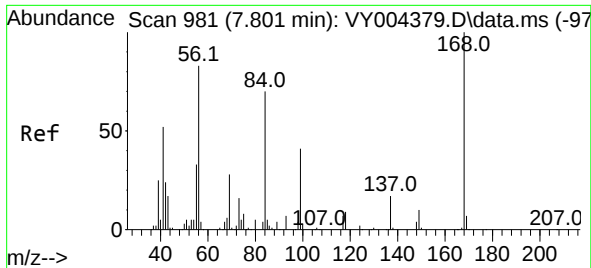
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
Data File : VY004537.D
Acq On : 20 Apr 2021 18:27
Operator : SY/MD
Sample : M2097-02
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 21 08:54:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

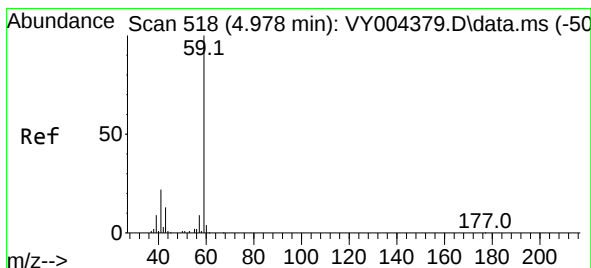
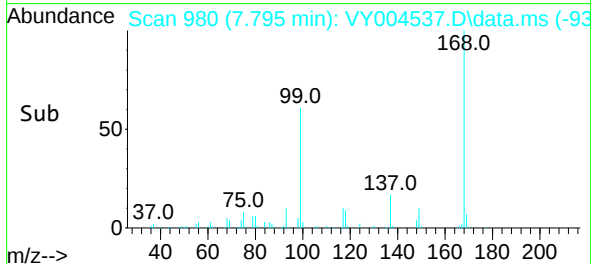
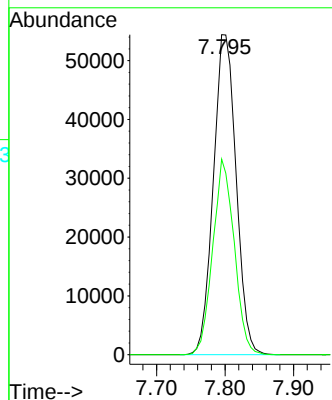
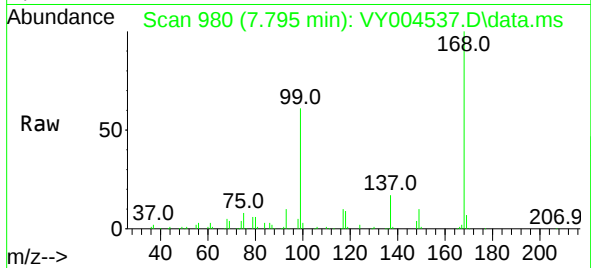




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004537.D
Acq: 20 Apr 2021 18:27

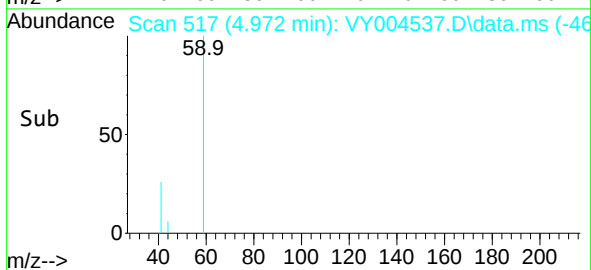
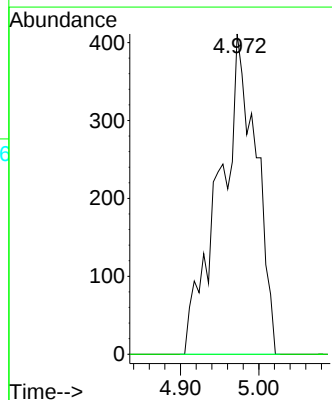
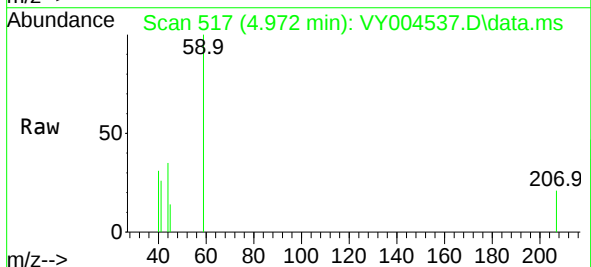
Instrument :
MSVOA_Y
ClientSampleId :

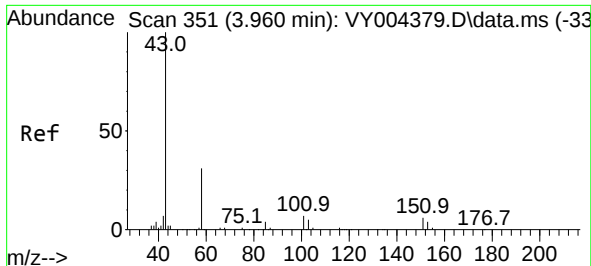
Tgt Ion:168 Resp: 125591
Ion Ratio Lower Upper
168 100
99 61.1 45.5 68.3



#11
Tert butyl alcohol
Concen: 9.76 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004537.D
Acq: 20 Apr 2021 18:27

Tgt Ion: 59 Resp: 1342
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

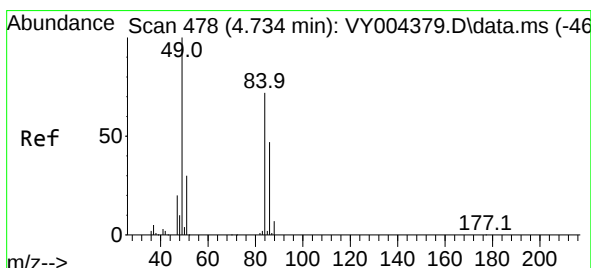
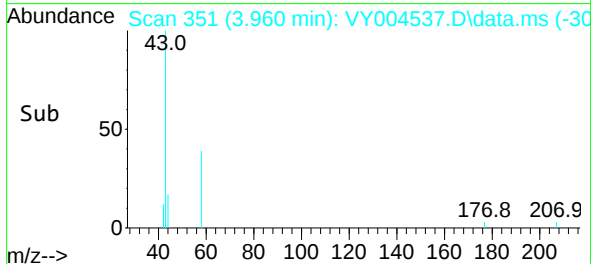
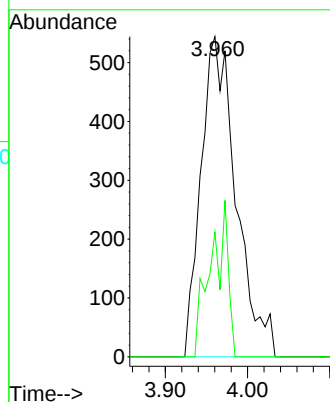
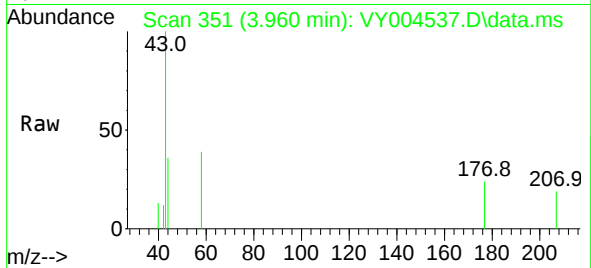




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004537.D
Acq: 20 Apr 2021 18:27

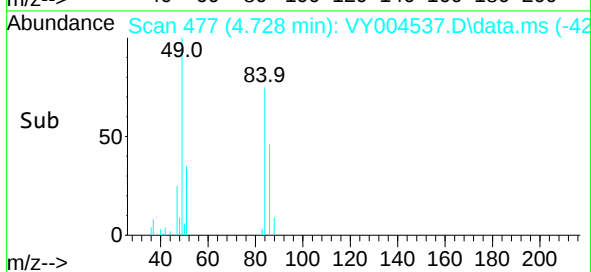
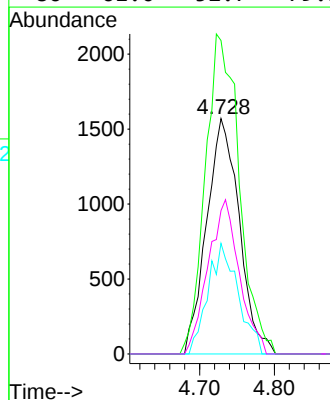
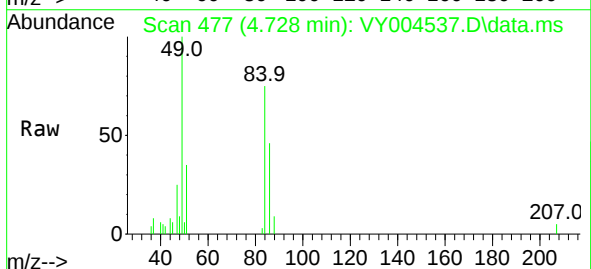
Instrument :
MSVOA_Y
ClientSampled :

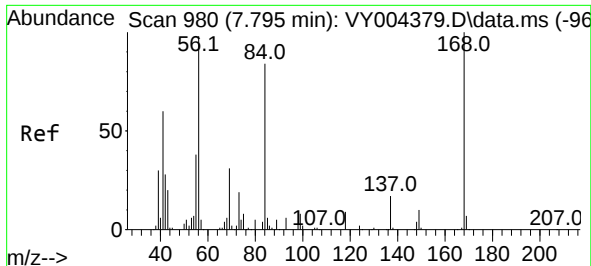
Tgt Ion: 43 Resp: 1614
Ion Ratio Lower Upper
43 100
58 39.0 24.6 37.0#



#20
Methylene Chloride
Concen: 3.54 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004537.D
Acq: 20 Apr 2021 18:27

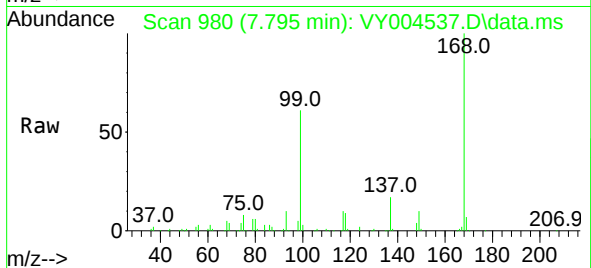
Tgt Ion: 84 Resp: 4767
Ion Ratio Lower Upper
84 100
49 133.2 111.2 166.8
51 47.0 33.4 50.2
86 61.0 52.7 79.1



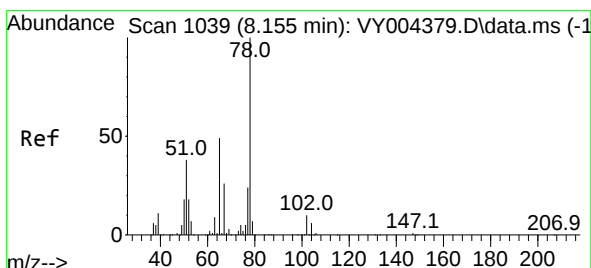
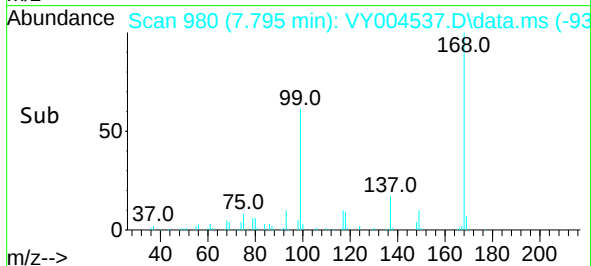
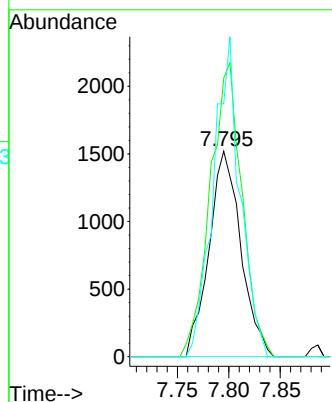


#31
Cyclohexane
Concen: 1.28 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004537.D
Acq: 20 Apr 2021 18:27

Instrument :
MSVOA_Y
ClientSampleId :

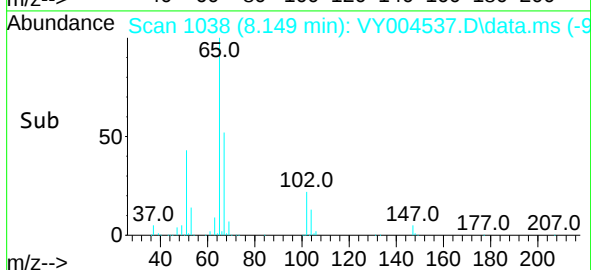
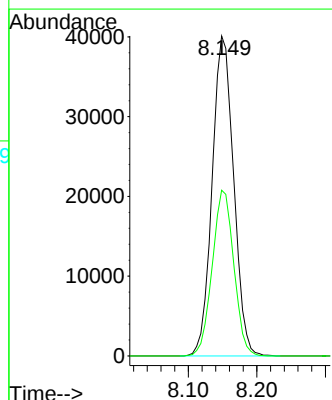
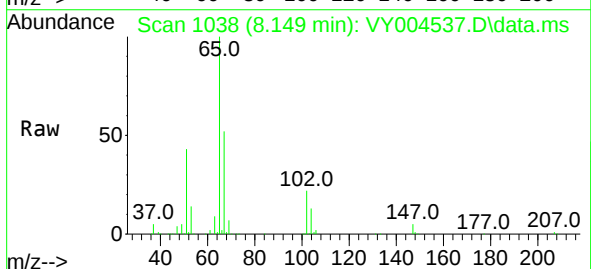


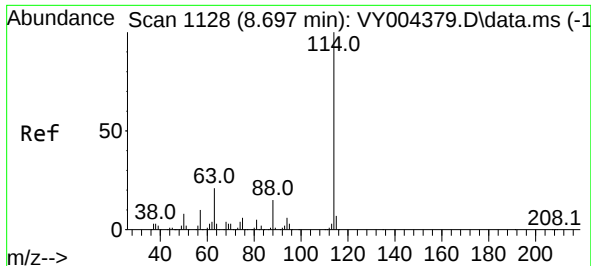
Tgt Ion: 56 Resp: 3277
Ion Ratio Lower Upper
56 100
69 135.5 25.8 38.6#
84 123.1 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 62.53 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004537.D
Acq: 20 Apr 2021 18:27

Tgt Ion: 65 Resp: 87257
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.4

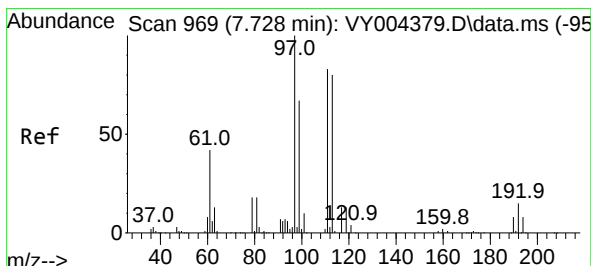
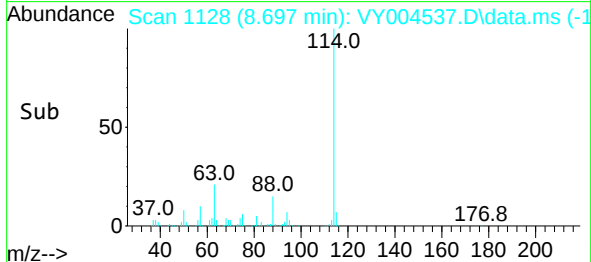
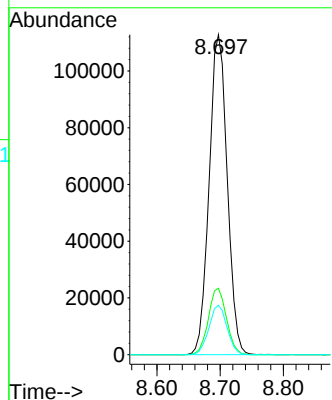
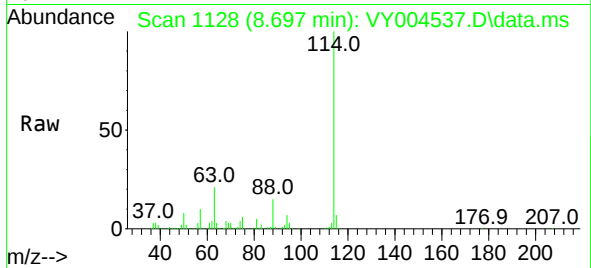




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004537.D
Acq: 20 Apr 2021 18:27

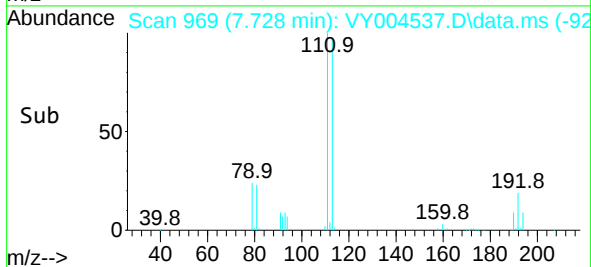
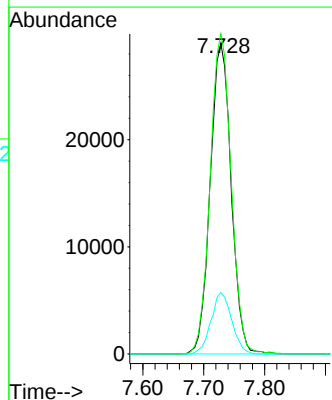
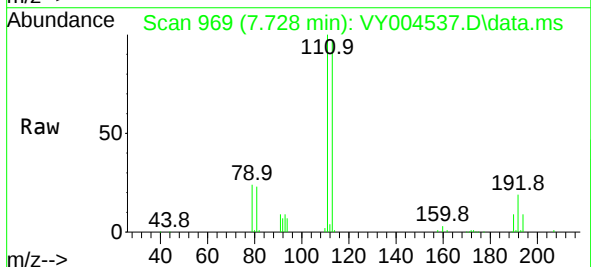
Instrument :
MSVOA_Y
ClientSampled :

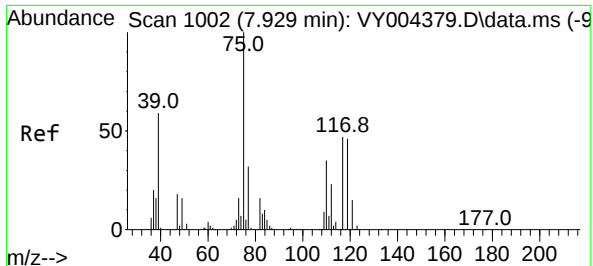
Tgt Ion:114 Resp: 223835
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.4
88 15.5 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.70 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004537.D
Acq: 20 Apr 2021 18:27

Tgt Ion:113 Resp: 69194
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 19.5 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.75 ug/l

RT: 7.801 min Scan# 981

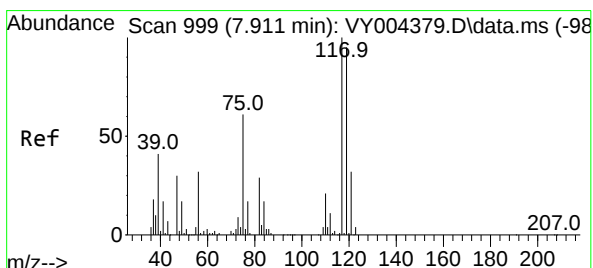
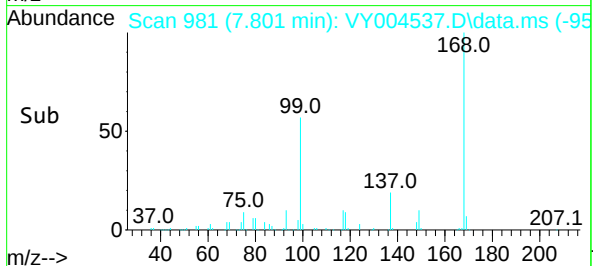
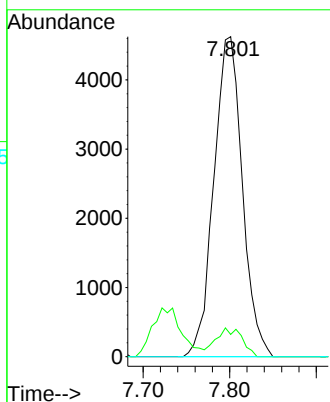
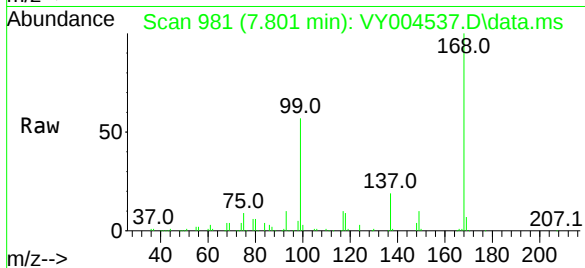
Delta R.T. -0.128 min

Lab File: VY004537.D

Acq: 20 Apr 2021 18:27

Tgt Ion:	75	Resp:	10560
Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.3	51.7#
77	0.0	24.3	36.5#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.63 ug/l

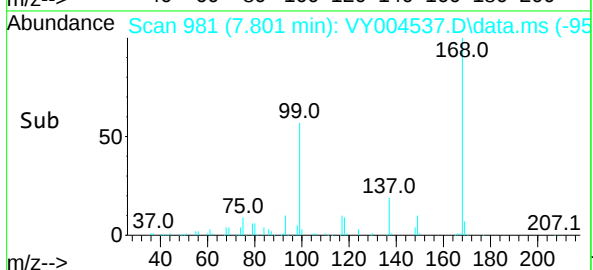
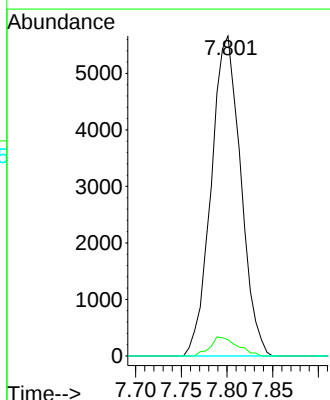
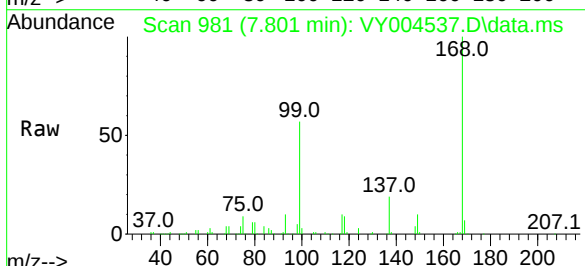
RT: 7.801 min Scan# 981

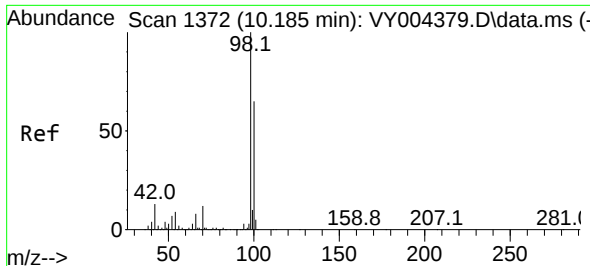
Delta R.T. -0.110 min

Lab File: VY004537.D

Acq: 20 Apr 2021 18:27

Tgt Ion:	117	Resp:	12742
Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.8	113.8#
121	0.0	25.3	37.9#

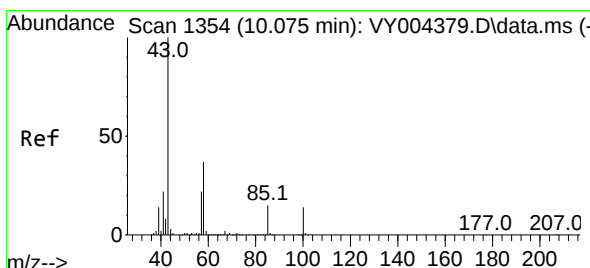
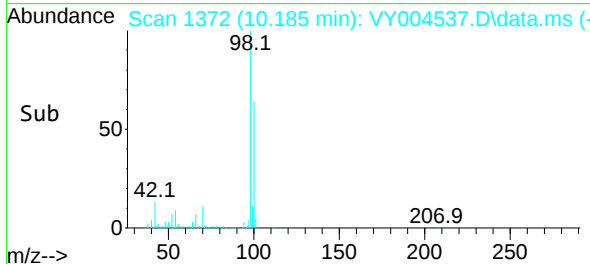
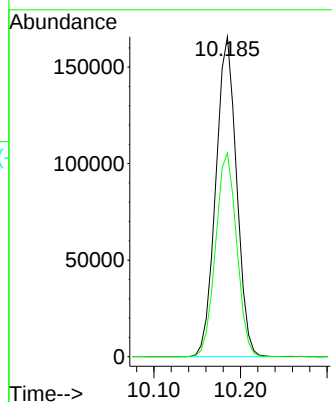
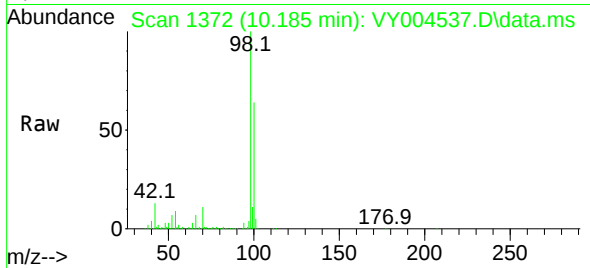




#50
Toluene-d8
Concen: 52.27 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004537.D
Acq: 20 Apr 2021 18:27

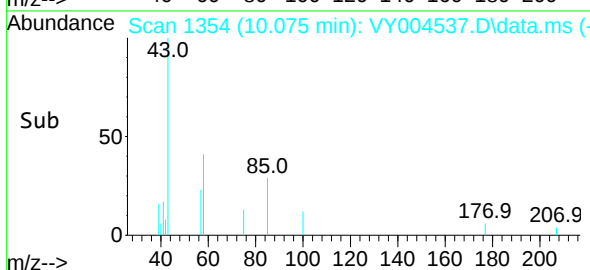
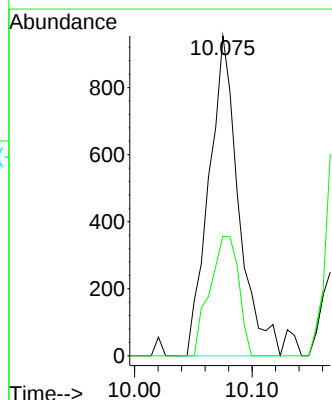
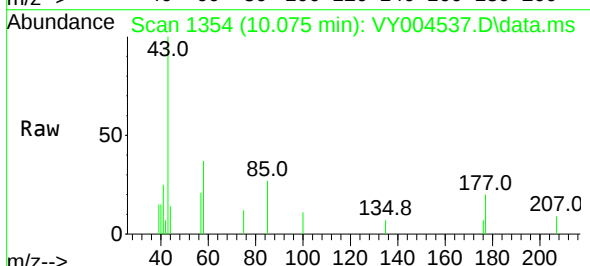
Instrument :
MSVOA_Y
ClientSampled :

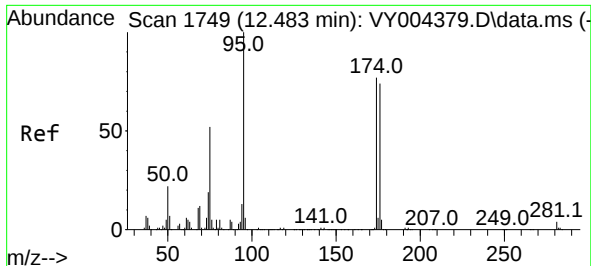
Tgt Ion: 98 Resp: 276196
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.20 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004537.D
Acq: 20 Apr 2021 18:27

Tgt Ion: 43 Resp: 1677
Ion Ratio Lower Upper
43 100
58 36.1 29.2 43.8

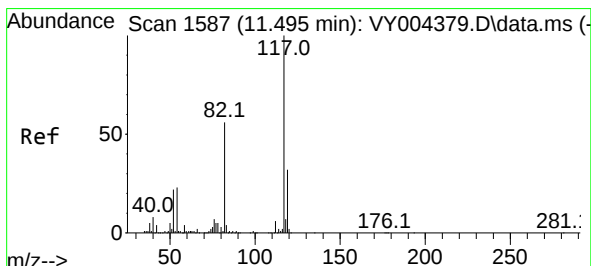
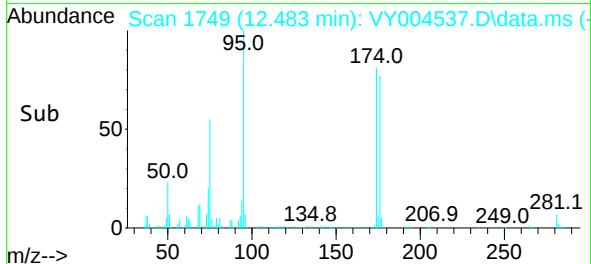
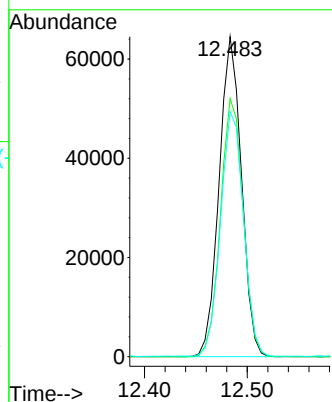
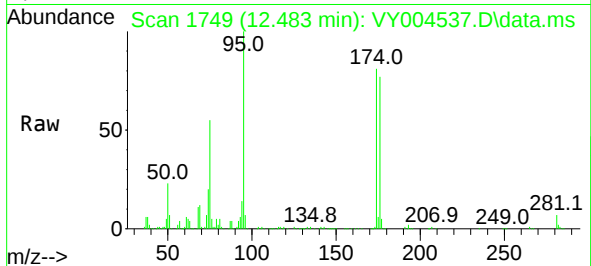




#62
4-Bromofluorobenzene
Concen: 54.12 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004537.D
Acq: 20 Apr 2021 18:27

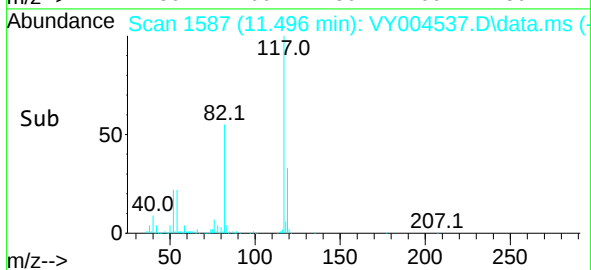
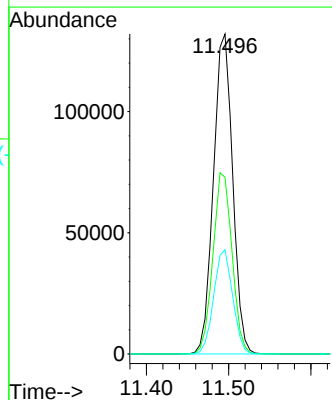
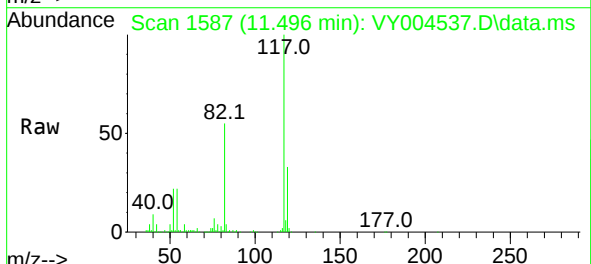
Instrument :
MSVOA_Y
ClientSampleId :

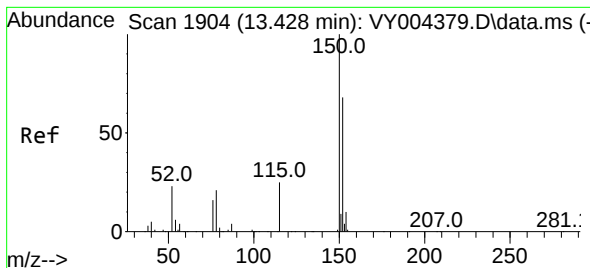
Tgt Ion: 95 Resp: 97044
Ion Ratio Lower Upper
95 100
174 82.0 0.0 162.4
176 78.8 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004537.D
Acq: 20 Apr 2021 18:27

Tgt Ion: 117 Resp: 214528
Ion Ratio Lower Upper
117 100
82 55.2 44.9 67.3
119 32.6 25.4 38.0

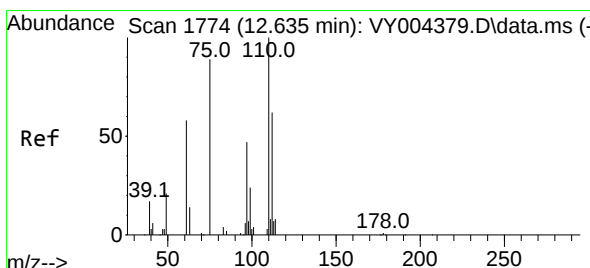
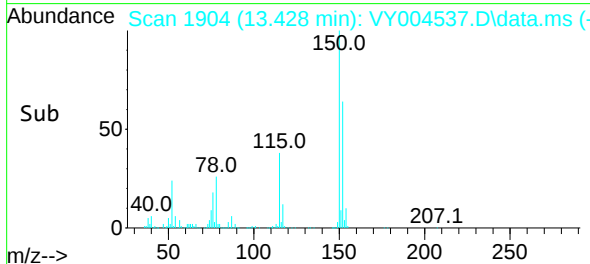
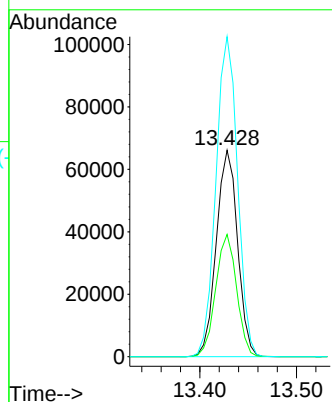
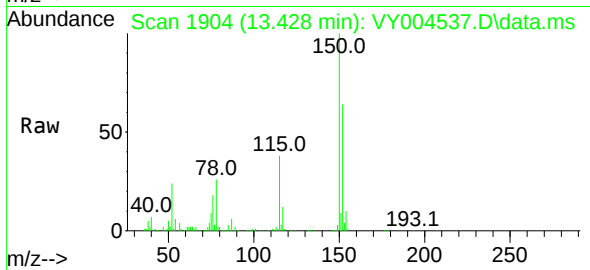




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004537.D
 Acq: 20 Apr 2021 18:27

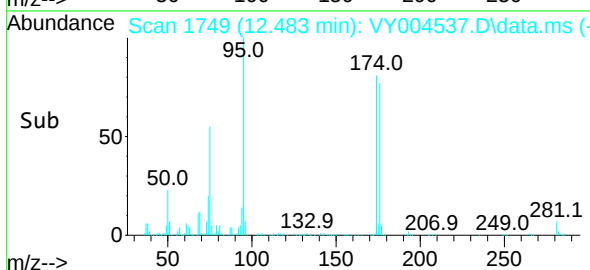
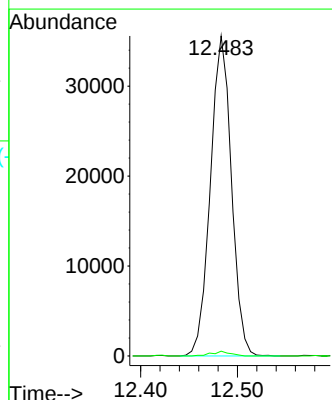
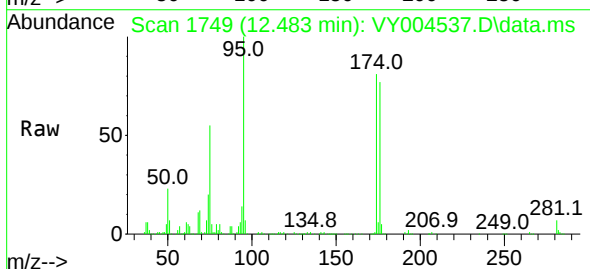
Instrument :
 MSVOA_Y
 ClientSampled :

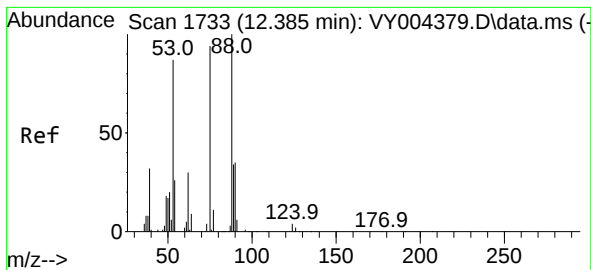
Tgt Ion:152 Resp: 100941
 Ion Ratio Lower Upper
 152 100
 115 58.3 29.6 88.8
 150 157.3 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 49.63 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004537.D
 Acq: 20 Apr 2021 18:27

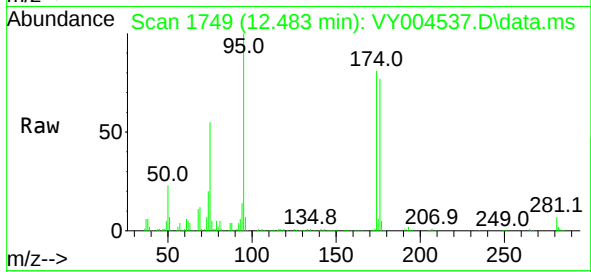
Tgt Ion: 75 Resp: 53769
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.78 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004537.D
 Acq: 20 Apr 2021 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	53769
Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	0.3	36.1	54.1#

