

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102821\
 Data File : VY006508.D
 Acq On : 28 Oct 2021 12:14
 Operator : SY/MD
 Sample : M4367-01
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 05:05:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

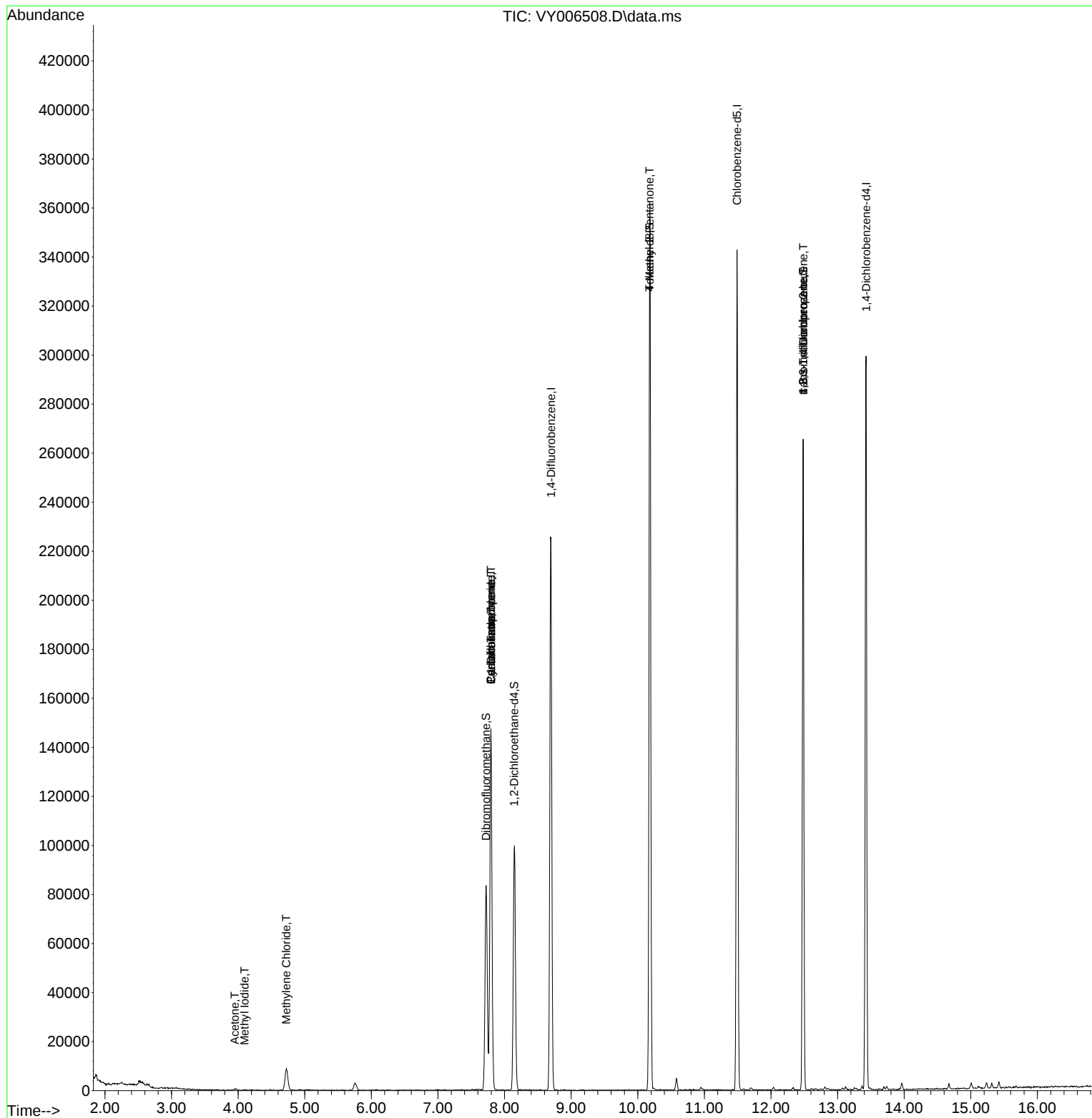
Internal Standards						
1) Pentafluorobenzene	7.795	168	108185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	181991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	168978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	83462	62.693	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.380%			
35) Dibromofluoromethane	7.722	113	55047	54.267	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.540%			
50) Toluene-d8	10.179	98	231691	53.881	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.760%			
62) 4-Bromofluorobenzene	12.483	95	71410	49.299	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.600%			
Target Compounds						Qvalue
10) Methyl Iodide	4.095	142	304	5.316	ug/l #	65
16) Acetone	3.948	43	927	2.418	ug/l #	84
20) Methylene Chloride	4.723	84	6108	1.201	ug/l	93
31) Cyclohexane	7.795	56	2687	1.247	ug/l #	38
36) 1,1-Dichloropropene	7.795	75	9379	5.216	ug/l #	50
38) Carbon Tetrachloride	7.795	117	11133	5.612	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1248	1.078	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	42335	55.509	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42335	113.957	ug/l #	7

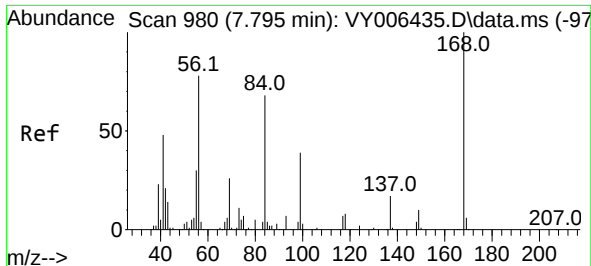
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102821\
Data File : VY006508.D
Acq On : 28 Oct 2021 12:14
Operator : SY/MD
Sample : M4367-01
Misc : 5.06G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

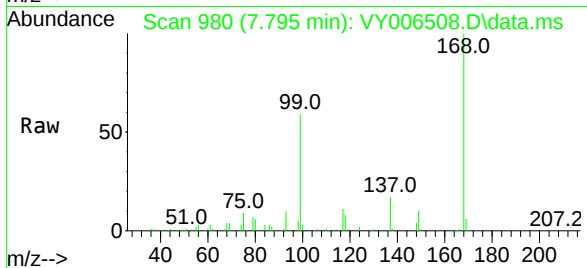
Quant Time: Oct 29 05:05:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
Response via : Initial Calibration



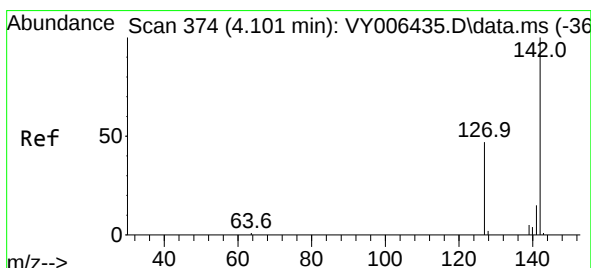
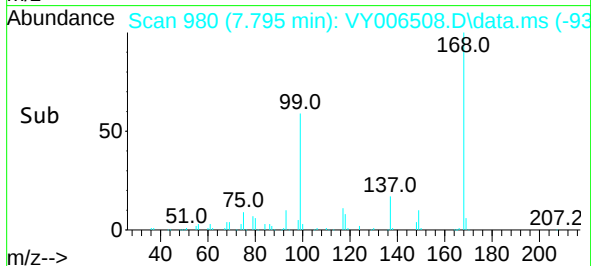
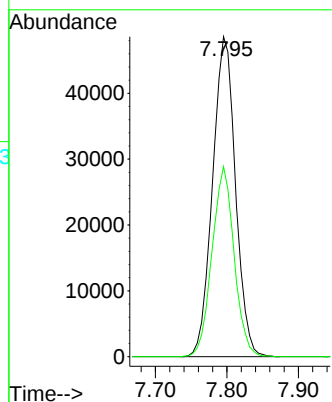


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006508.D
Acq: 28 Oct 2021 12:14

Instrument :
MSVOA_Y
ClientSampled :

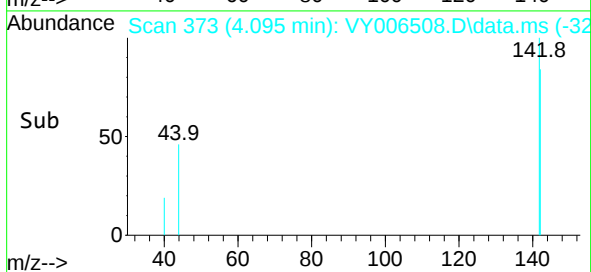
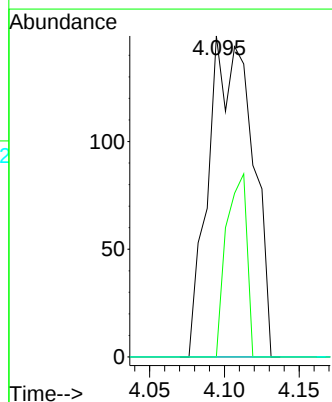
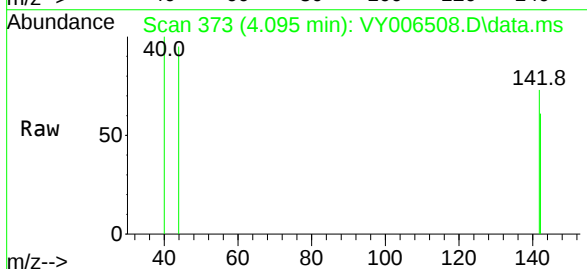


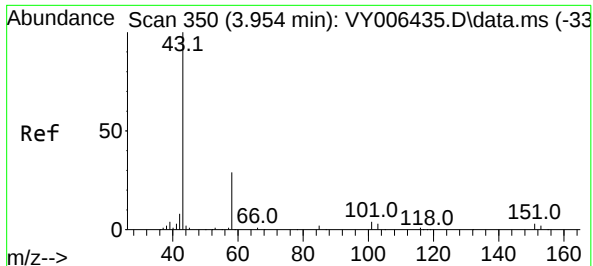
Tgt Ion:168 Resp: 108185
Ion Ratio Lower Upper
168 100
99 59.4 44.8 67.2



#10
Methyl Iodide
Concen: 5.316 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY006508.D
Acq: 28 Oct 2021 12:14

Tgt Ion:142 Resp: 304
Ion Ratio Lower Upper
142 100
127 26.6 40.1 60.1#
141 0.0 12.5 18.7#

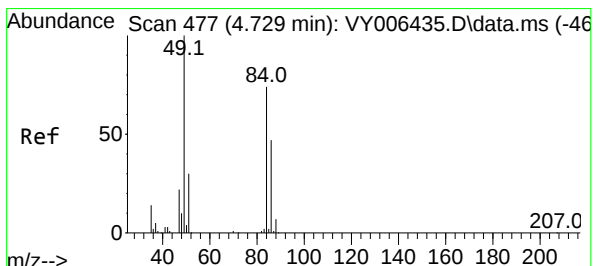
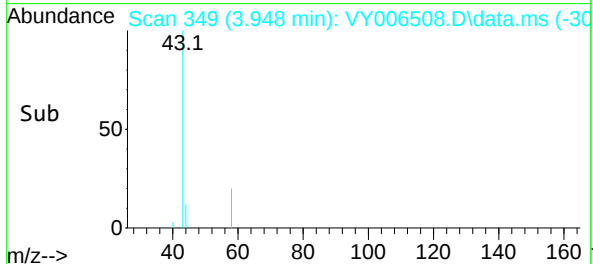
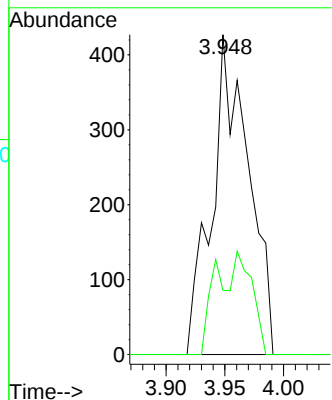
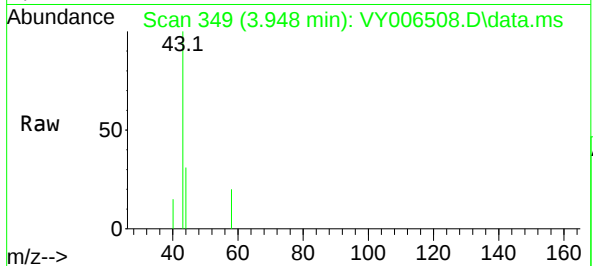




#16
Acetone
Concen: 2.418 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006508.D
Acq: 28 Oct 2021 12:14

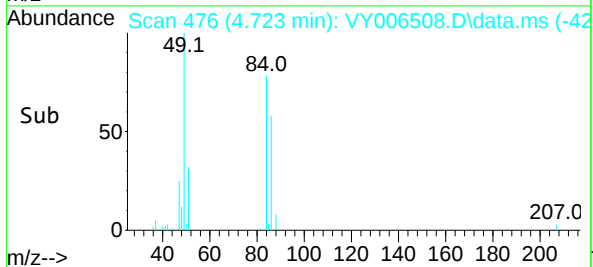
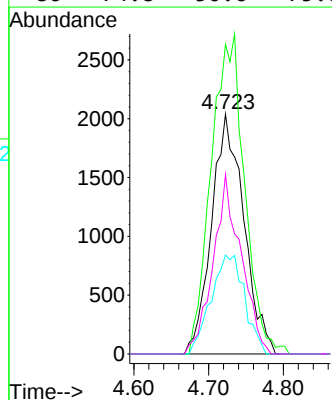
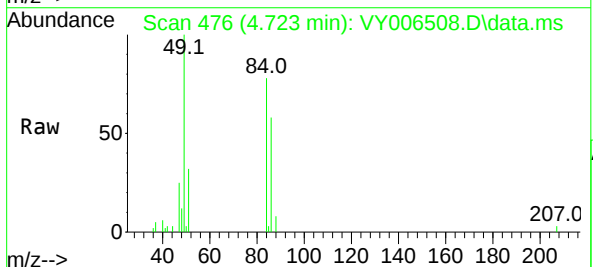
Instrument :
MSVOA_Y
ClientSampled :

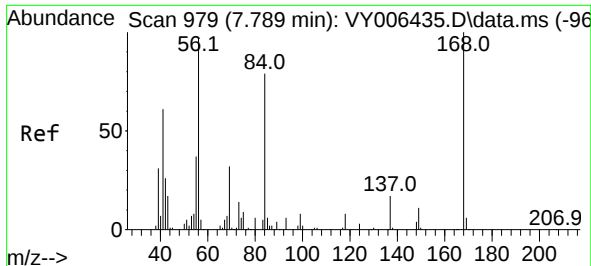
Tgt Ion: 43 Resp: 927
Ion Ratio Lower Upper
43 100
58 20.1 22.9 34.3#



#20
Methylene Chloride
Concen: 1.201 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY006508.D
Acq: 28 Oct 2021 12:14

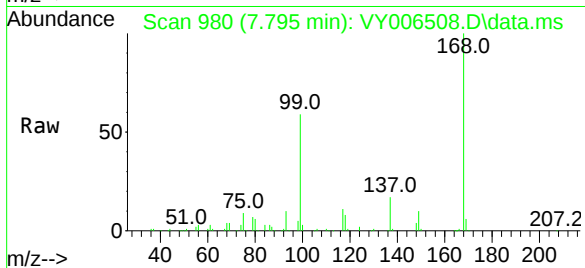
Tgt Ion: 84 Resp: 6108
Ion Ratio Lower Upper
84 100
49 129.0 107.8 161.8
51 41.2 32.8 49.2
86 74.8 50.6 75.8



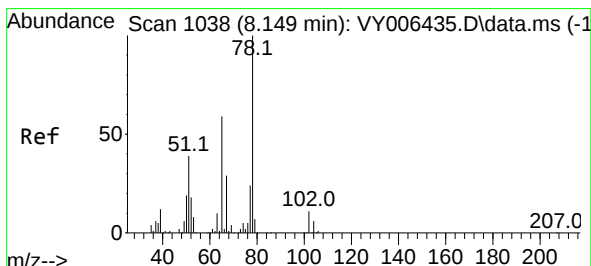
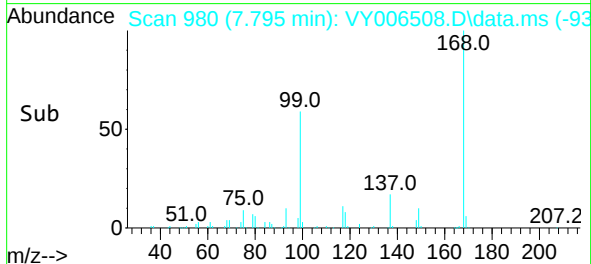
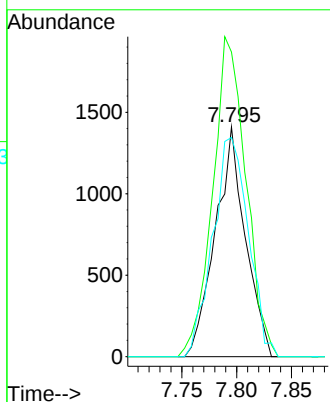


#31
Cyclohexane
Concen: 1.247 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006508.D
Acq: 28 Oct 2021 12:14

Instrument :
MSVOA_Y
ClientSampled :

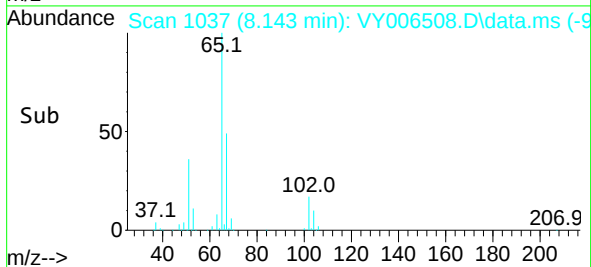
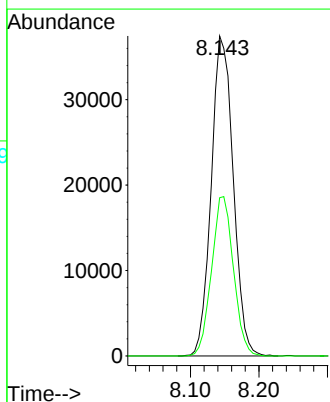
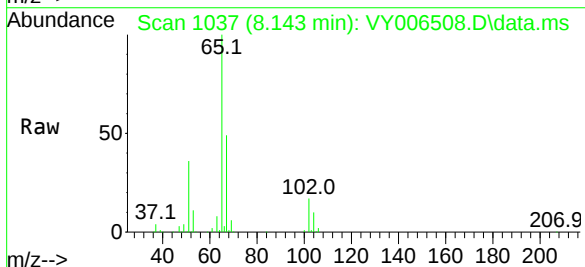


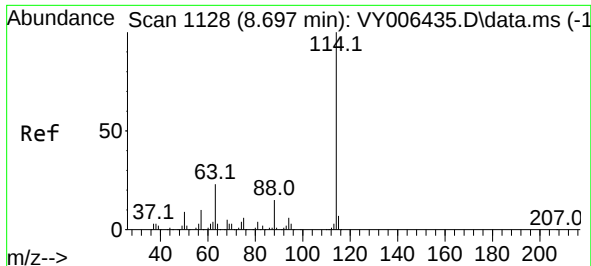
Tgt Ion: 56 Resp: 2687
Ion Ratio Lower Upper
56 100
69 132.6 26.6 40.0#
84 95.4 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 62.693 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006508.D
Acq: 28 Oct 2021 12:14

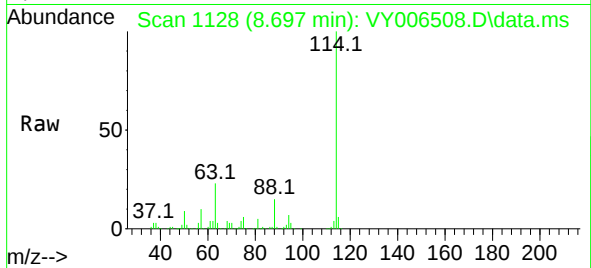
Tgt Ion: 65 Resp: 83462
Ion Ratio Lower Upper
65 100
67 49.6 0.0 98.2



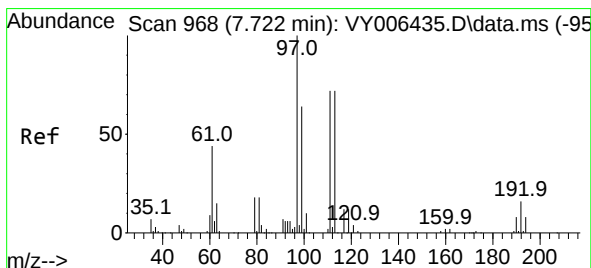
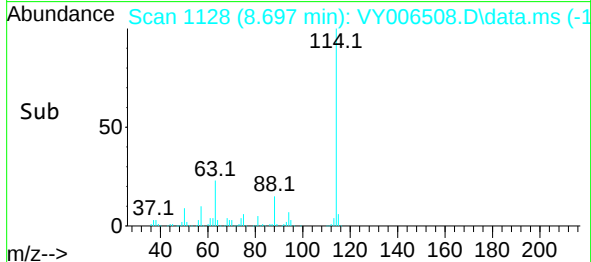
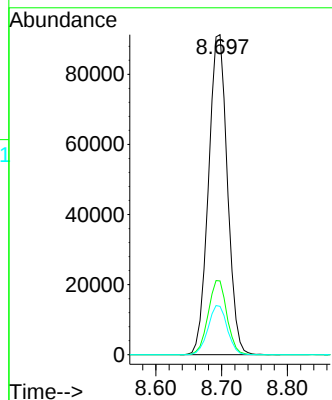


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006508.D
Acq: 28 Oct 2021 12:14

Instrument :
MSVOA_Y
ClientSampled :

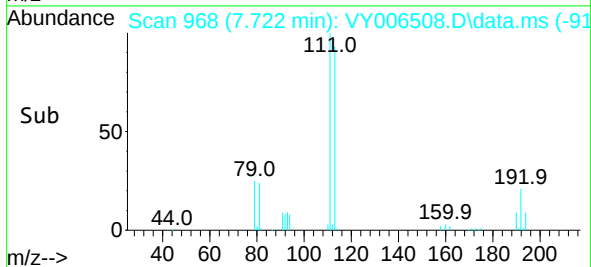
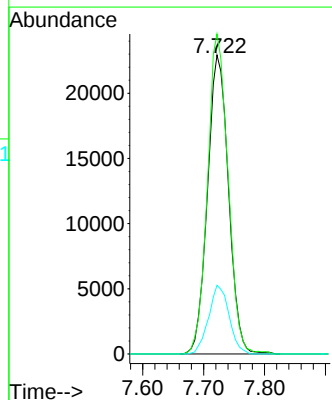
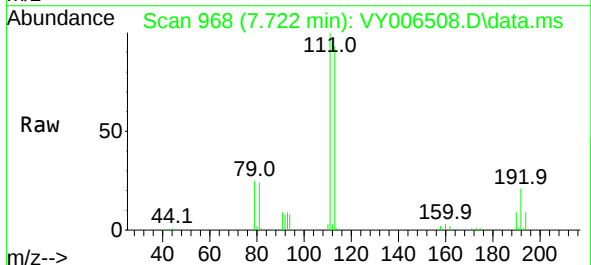


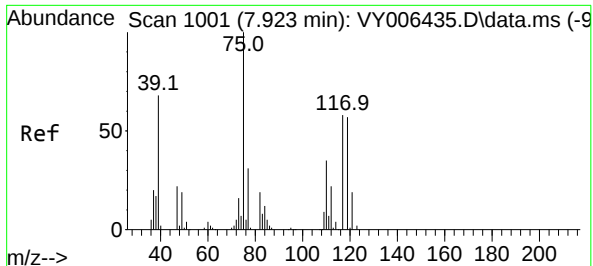
Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.0
88	15.1	0.0	30.6



#35
Dibromofluoromethane
Concen: 54.267 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006508.D
Acq: 28 Oct 2021 12:14

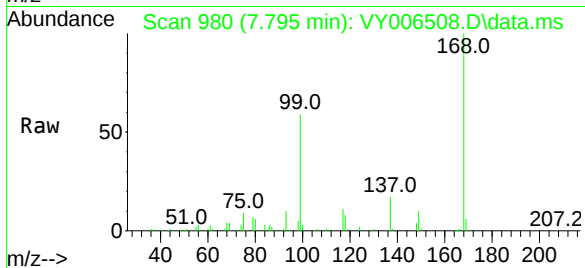
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.3	123.5
192	22.4	17.4	26.2



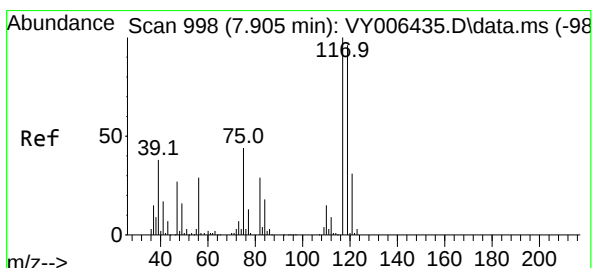
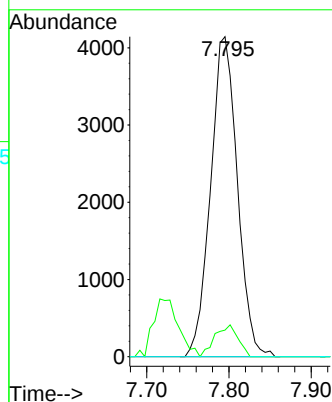
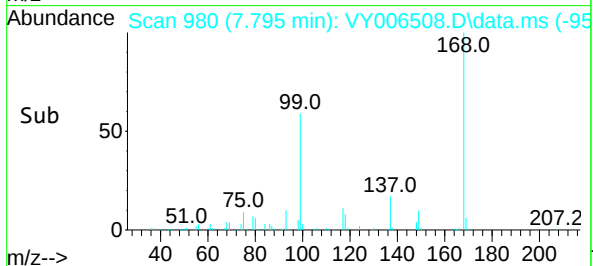


#36
1,1-Dichloropropene
Concen: 5.216 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006508.D
Acq: 28 Oct 2021 12:14

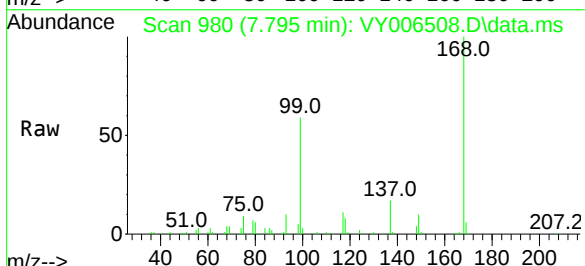
Instrument :
MSVOA_Y
ClientSampled :



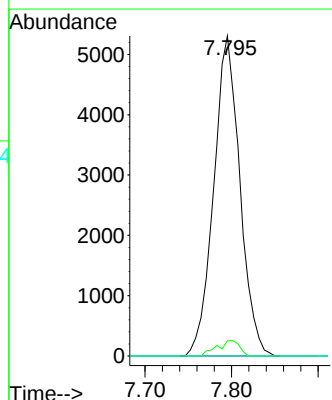
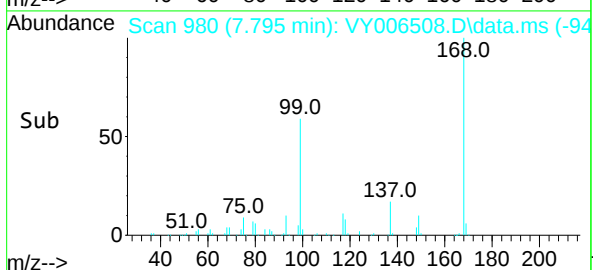
Tgt Ion: 75 Resp: 9379
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.3#
77 0.0 24.9 37.3#

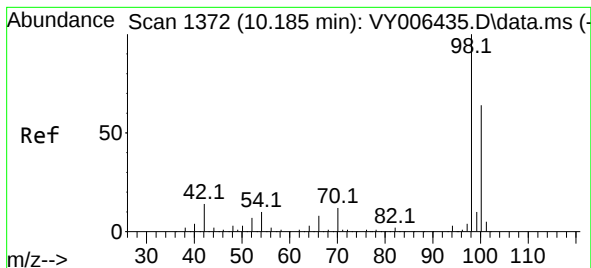


#38
Carbon Tetrachloride
Concen: 5.612 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006508.D
Acq: 28 Oct 2021 12:14



Tgt Ion: 117 Resp: 11133
Ion Ratio Lower Upper
117 100
119 4.7 76.6 115.0#
121 0.0 24.7 37.1#

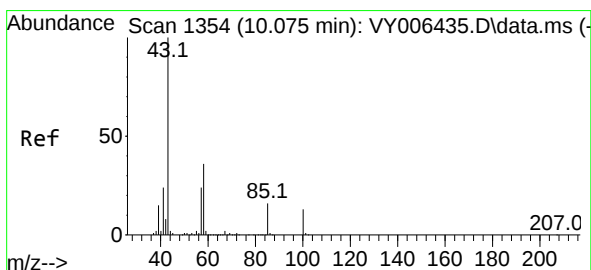
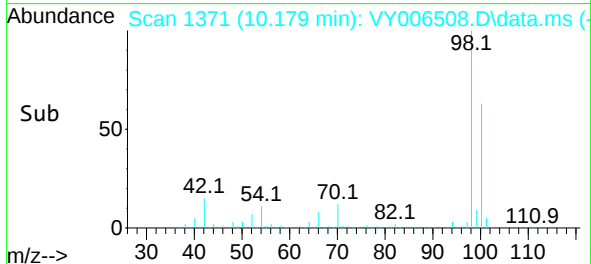
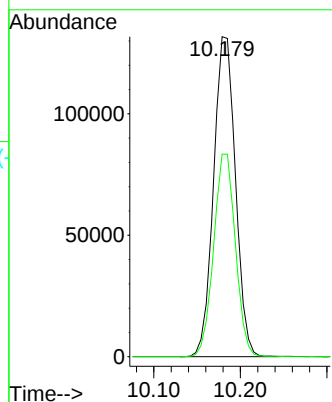
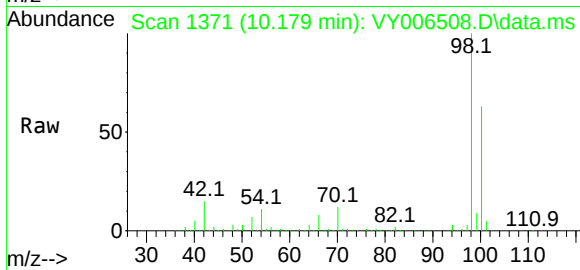




#50
Toluene-d8
Concen: 53.881 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006508.D
Acq: 28 Oct 2021 12:14

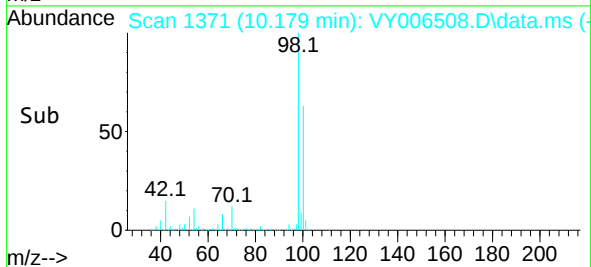
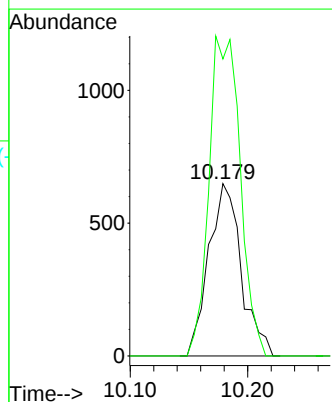
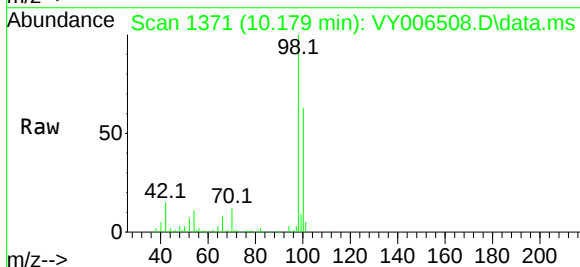
Instrument :
MSVOA_Y
ClientSampled :

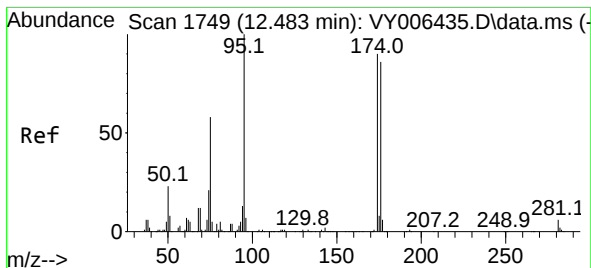
Tgt Ion: 98 Resp: 231691
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.078 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006508.D
Acq: 28 Oct 2021 12:14

Tgt Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
58 178.0 28.7 43.1#

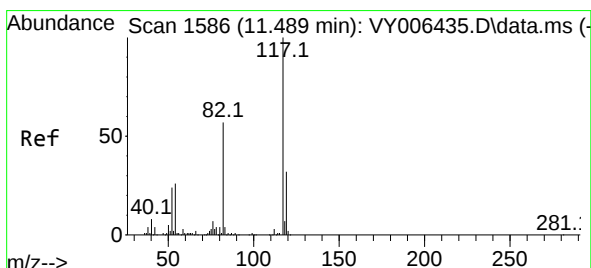
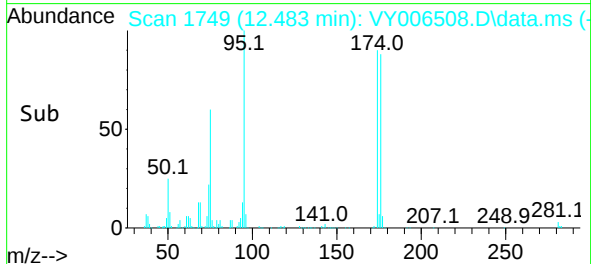
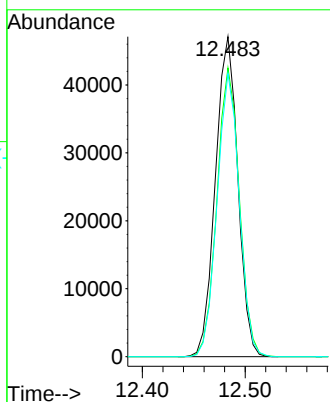
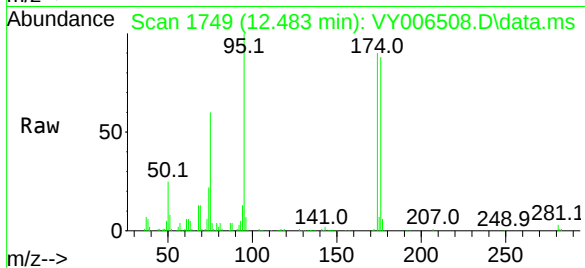




#62
4-Bromofluorobenzene
Concen: 49.299 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006508.D
Acq: 28 Oct 2021 12:14

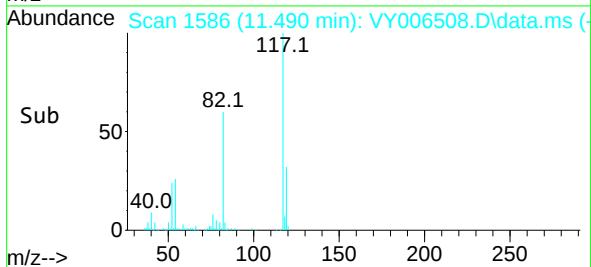
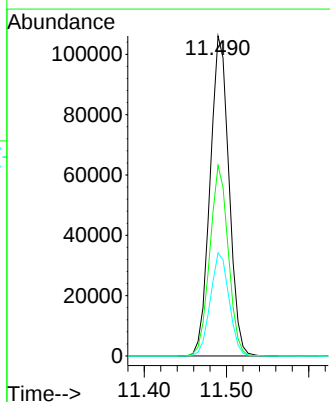
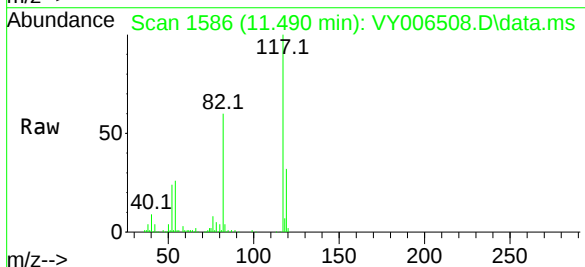
Instrument :
MSVOA_Y
ClientSampled :

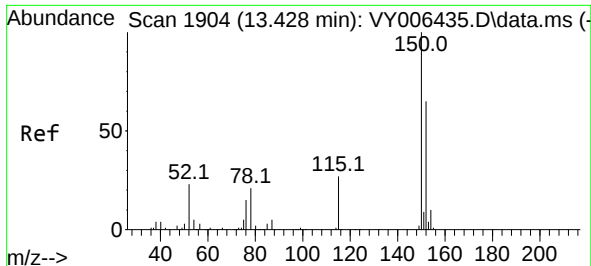
Tgt Ion: 95 Resp: 71410
Ion Ratio Lower Upper
95 100
174 90.1 0.0 177.0
176 87.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006508.D
Acq: 28 Oct 2021 12:14

Tgt Ion: 117 Resp: 168978
Ion Ratio Lower Upper
117 100
82 59.5 45.7 68.5
119 32.3 25.5 38.3

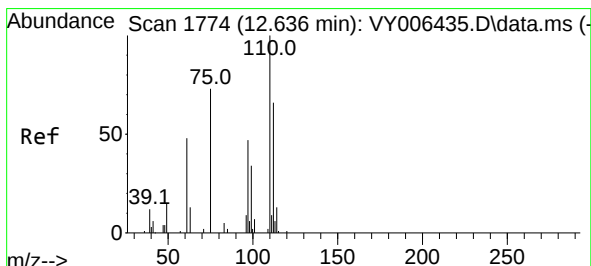
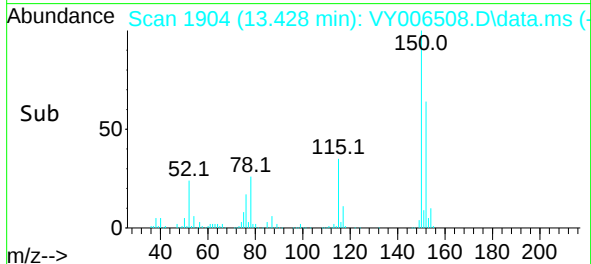
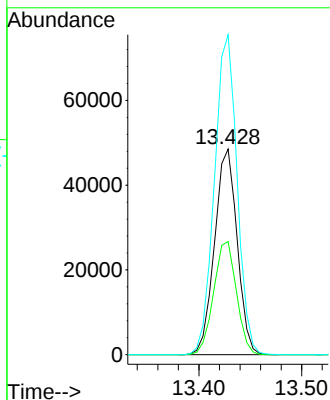
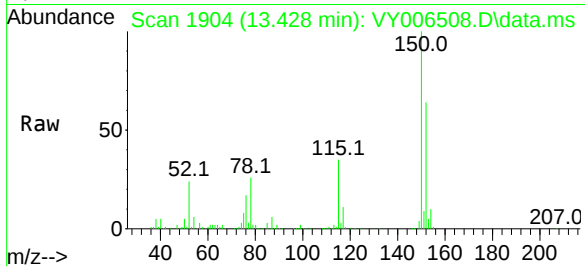




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006508.D
 Acq: 28 Oct 2021 12:14

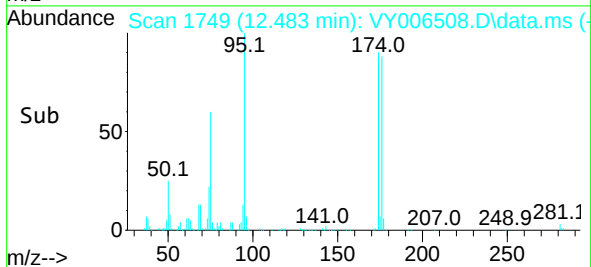
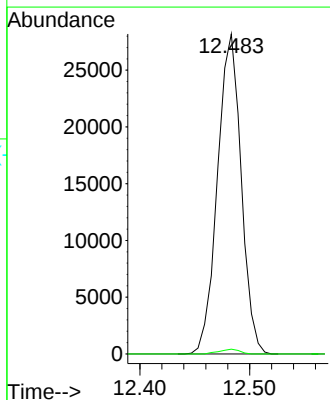
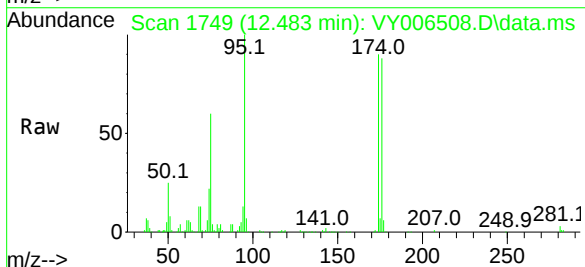
Instrument :
 MSVOA_Y
 ClientSampled :

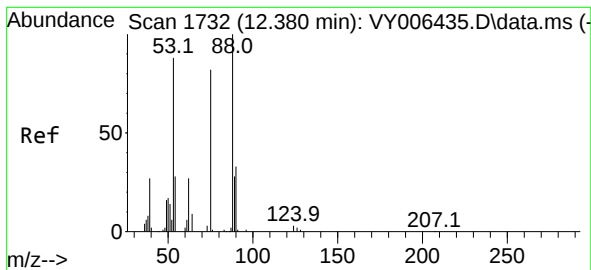
Tgt Ion:152 Resp: 74012
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.5 85.5
 150 155.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 55.509 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006508.D
 Acq: 28 Oct 2021 12:14

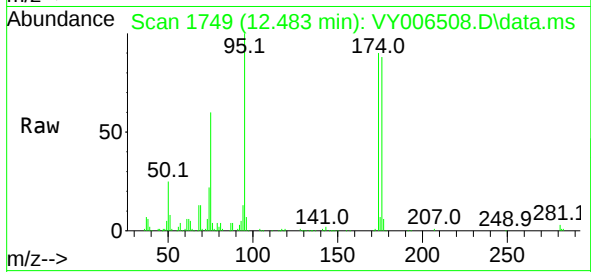
Tgt Ion: 75 Resp: 42335
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.957 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006508.D
 Acq: 28 Oct 2021 12:14

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.8	128.6#
89	0.0	39.3	58.9#

