

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
 Data File : VY006468.D
 Acq On : 25 Oct 2021 15:51
 Operator : SY/MD
 Sample : M4313-01RE
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 02:44:47 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	99626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	171710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	156036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64125	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	70266	57.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.620%
35) Dibromofluoromethane	7.722	113	51071	53.362	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.720%
50) Toluene-d8	10.185	98	218062	53.748	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.500%
62) 4-Bromofluorobenzene	12.483	95	62793	45.946	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.900%

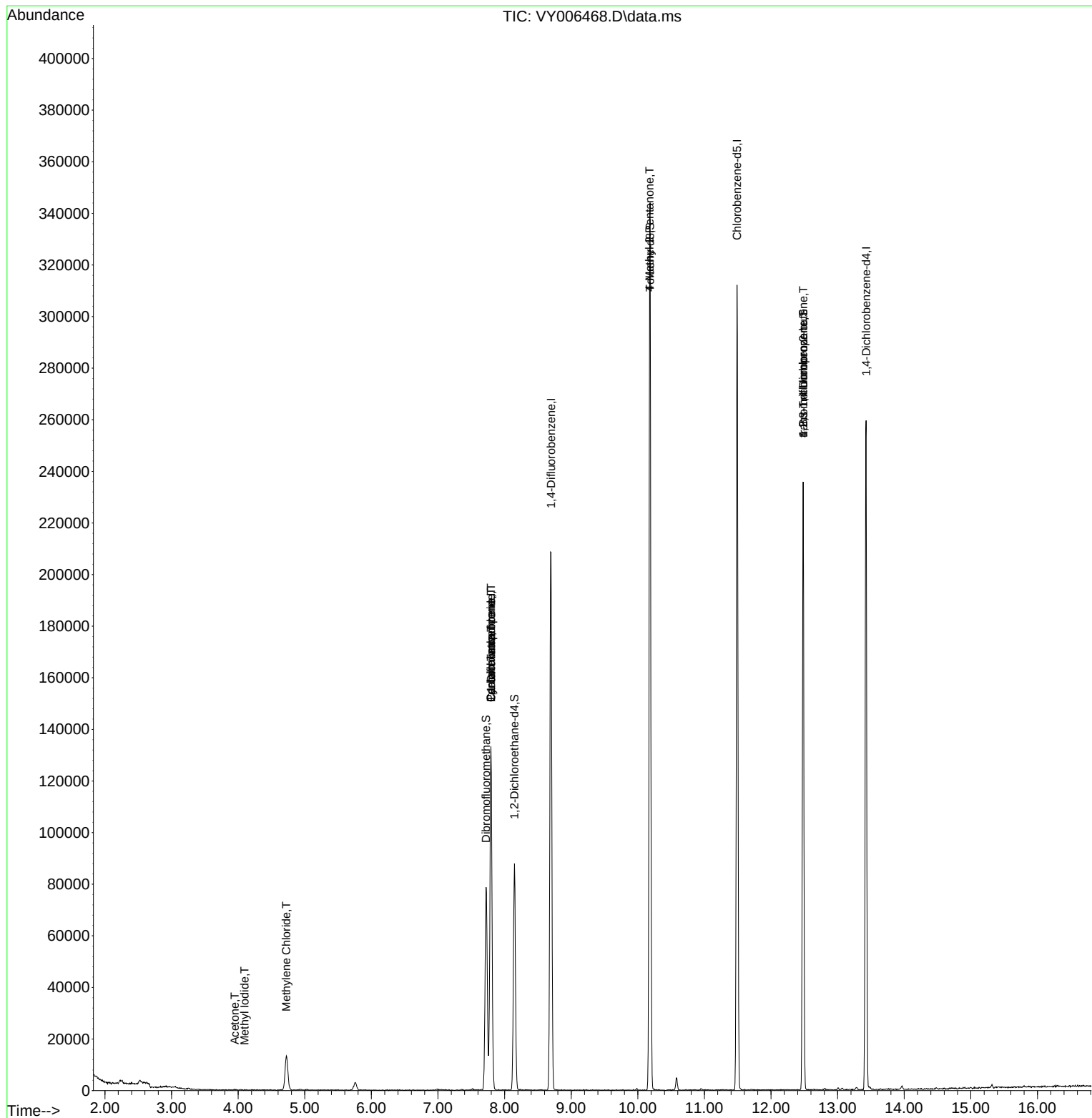
Target Compounds					Qvalue	
10) Methyl Iodide	4.094	142	80	5.133	ug/l #	36
16) Acetone	3.948	43	610	1.728	ug/l #	46
20) Methylene Chloride	4.722	84	9262	4.811	ug/l	93
31) Cyclohexane	7.795	56	2411	1.215	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8017	4.725	ug/l #	51
38) Carbon Tetrachloride	7.795	117	9971	5.327	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1119	1.025	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	36515	55.259	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36515	113.446	ug/l #	7

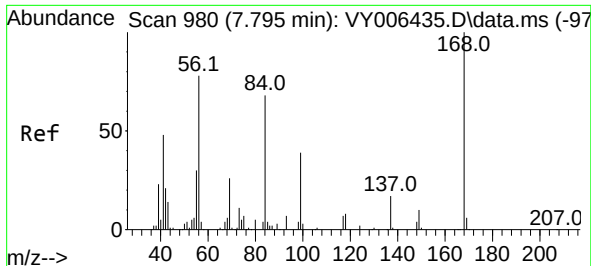
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
Data File : VY006468.D
Acq On : 25 Oct 2021 15:51
Operator : SY/MD
Sample : M4313-01RE
Misc : 5.10G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 26 02:44:47 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

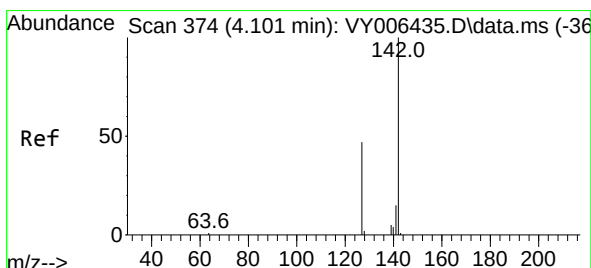
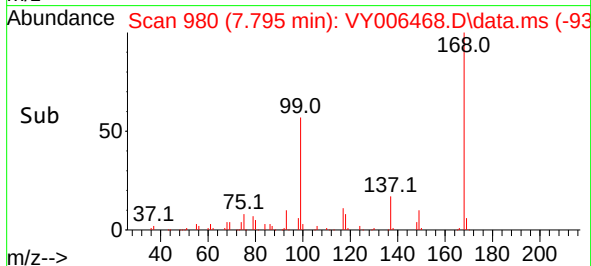
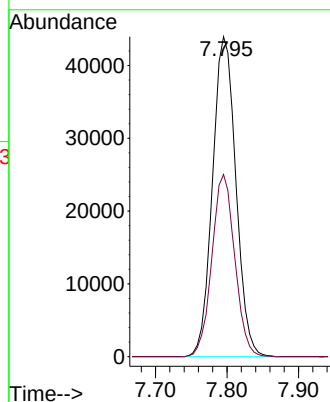
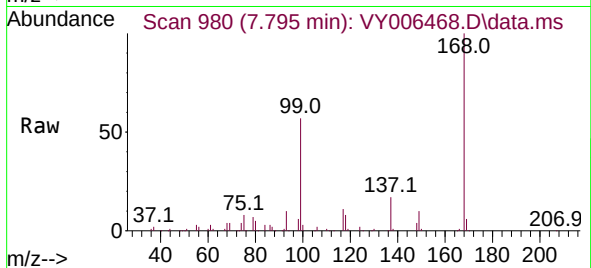




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006468.D
Acq: 25 Oct 2021 15:51

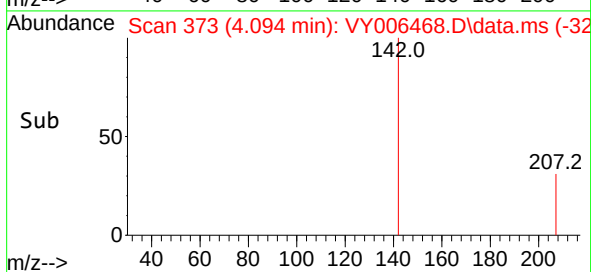
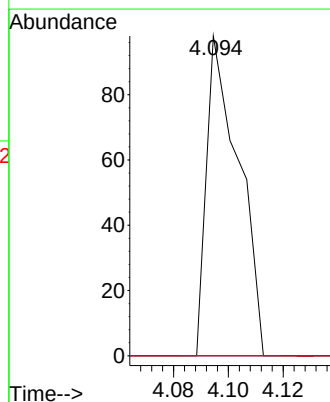
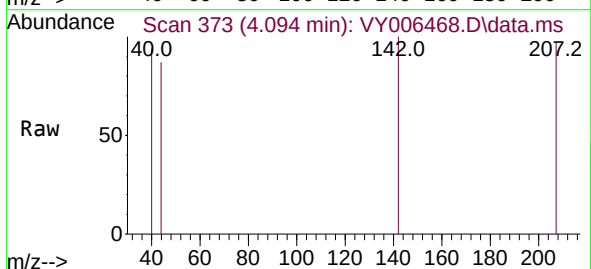
Instrument :
MSVOA_Y
ClientSampled :

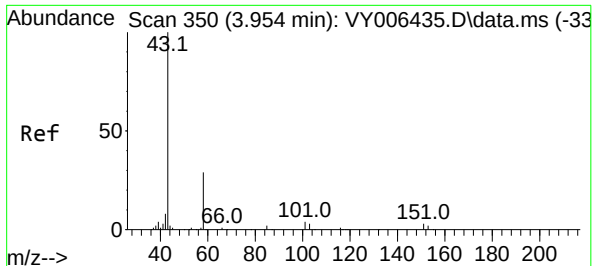
Tgt Ion:168 Resp: 99626
Ion Ratio Lower Upper
168 100
99 56.9 44.8 67.2



#10
Methyl Iodide
Concen: 5.133 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.007 min
Lab File: VY006468.D
Acq: 25 Oct 2021 15:51

Tgt Ion:142 Resp: 80
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

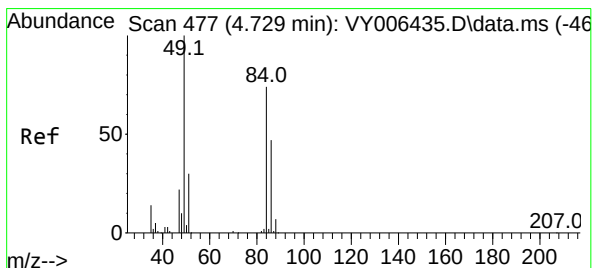
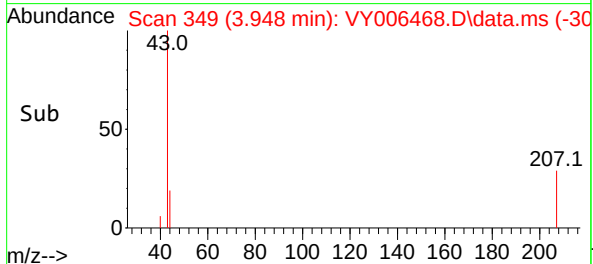
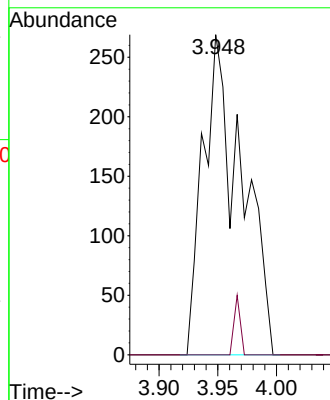
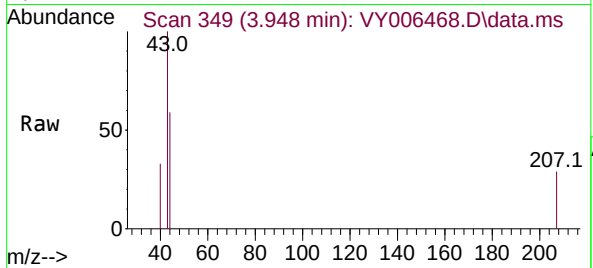




#16
Acetone
Concen: 1.728 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006468.D
Acq: 25 Oct 2021 15:51

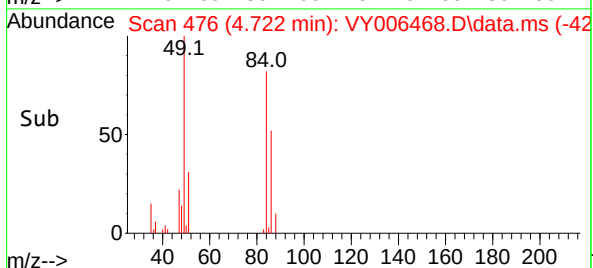
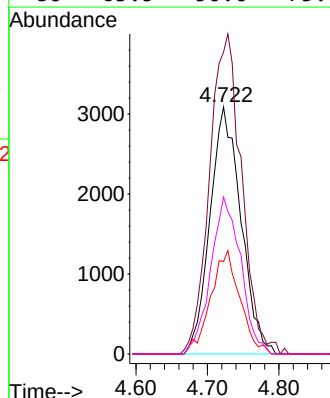
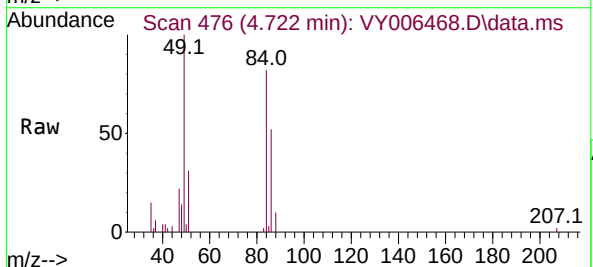
Instrument :
MSVOA_Y
ClientSampled :

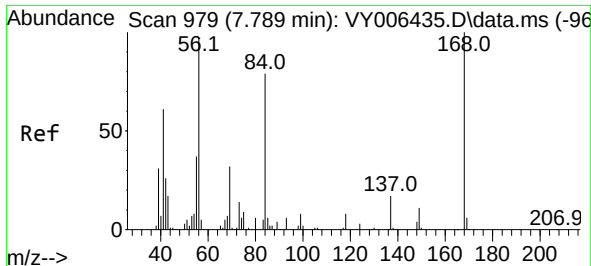
Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#20
Methylene Chloride
Concen: 4.811 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006468.D
Acq: 25 Oct 2021 15:51

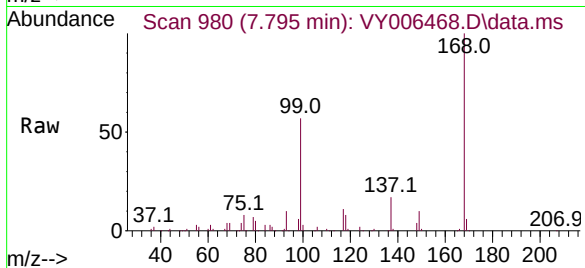
Tgt Ion: 84 Resp: 9262
Ion Ratio Lower Upper
84 100
49 122.2 107.8 161.8
51 37.4 32.8 49.2
86 63.5 50.6 75.8



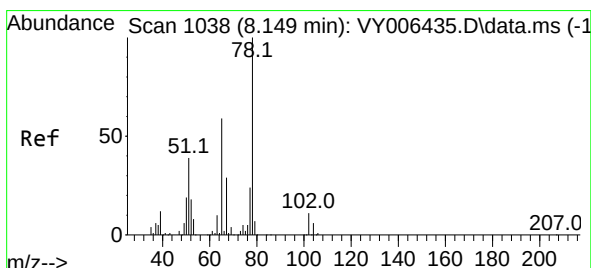
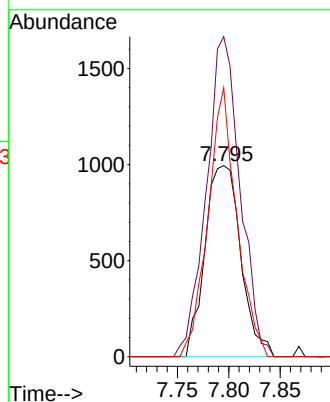
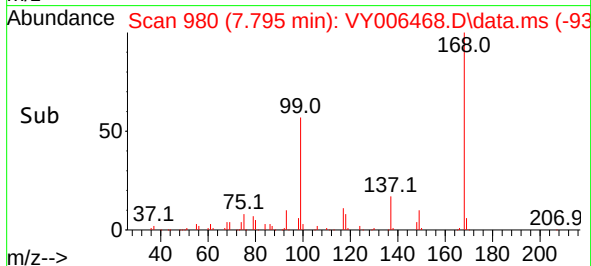


#31
Cyclohexane
Concen: 1.215 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006468.D
Acq: 25 Oct 2021 15:51

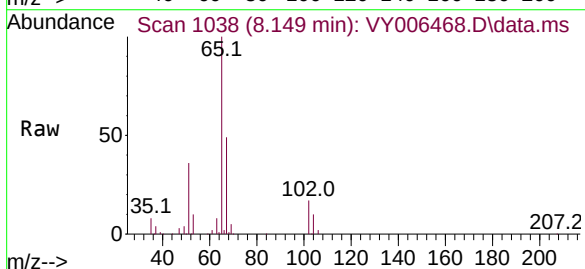
Instrument :
MSVOA_Y
ClientSampleId :



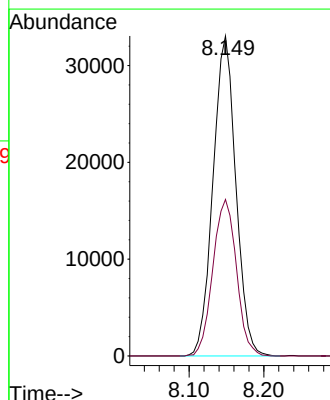
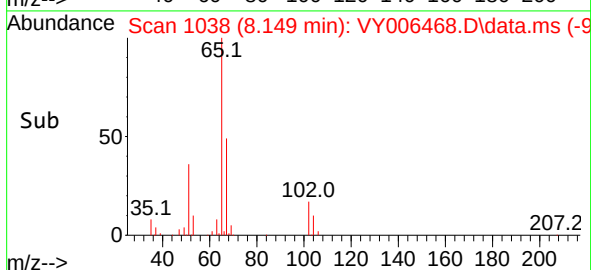
Tgt Ion: 56 Resp: 2411
Ion Ratio Lower Upper
56 100
69 167.4 26.6 40.0#
84 140.7 65.0 97.4#

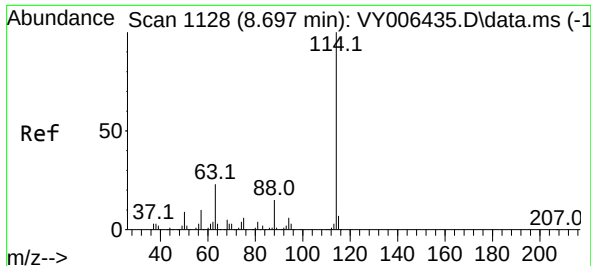


#33
1,2-Dichloroethane-d4
Concen: 57.315 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006468.D
Acq: 25 Oct 2021 15:51



Tgt Ion: 65 Resp: 70266
Ion Ratio Lower Upper
65 100
67 50.4 0.0 98.2

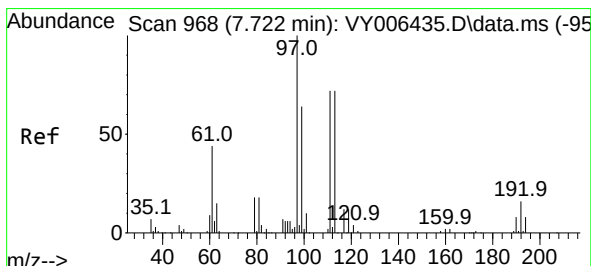
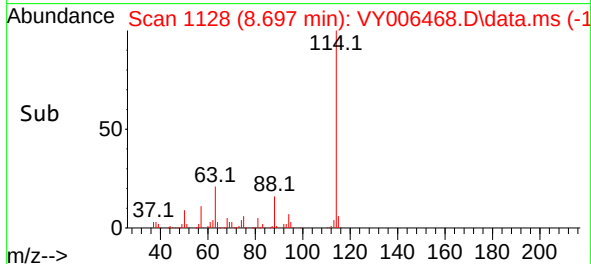
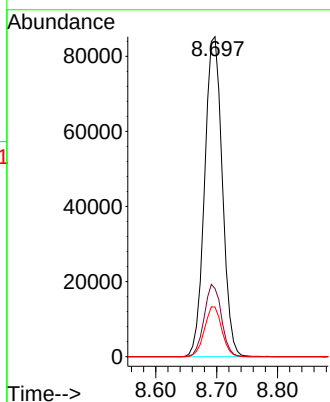
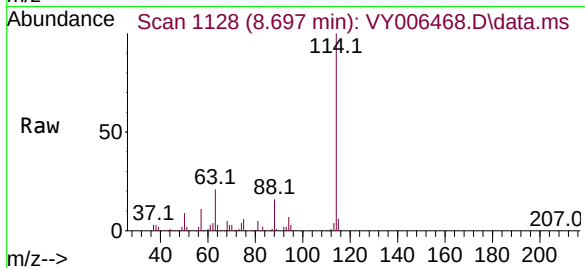




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006468.D
Acq: 25 Oct 2021 15:51

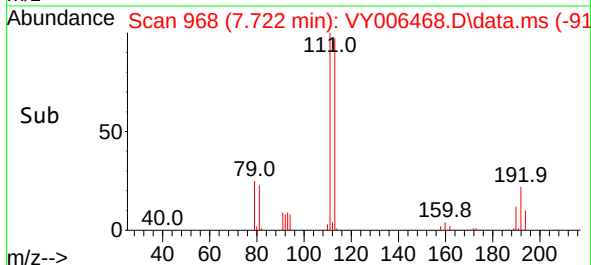
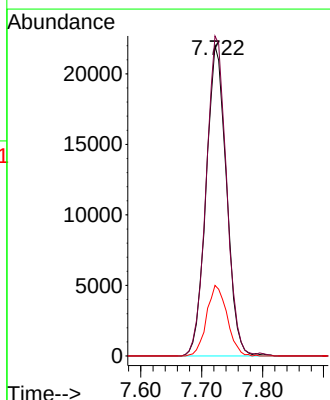
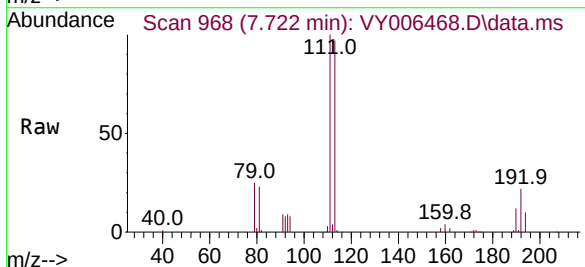
Instrument :
MSVOA_Y
ClientSampleId :

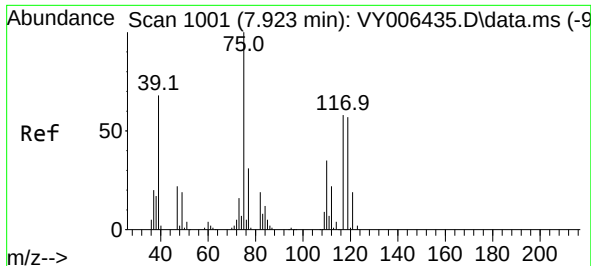
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	45.0
88	15.5	0.0	30.6



#35
Dibromofluoromethane
Concen: 53.362 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006468.D
Acq: 25 Oct 2021 15:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.3	123.5
192	22.9	17.4	26.2





#36

1,1-Dichloropropene

Concen: 4.725 ug/l

RT: 7.795 min Scan# 980

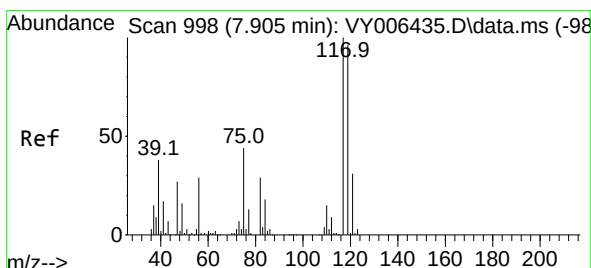
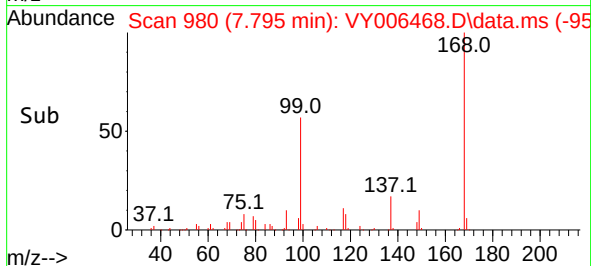
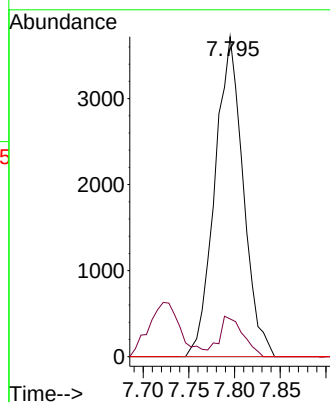
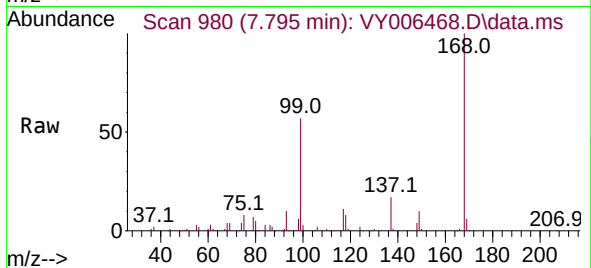
Delta R.T. -0.128 min

Lab File: VY006468.D

Acq: 25 Oct 2021 15:51

Tgt Ion: 75	Resp: 8017
Ion Ratio	Lower Upper
75 100	
110 10.4	17.1 51.3#
77 0.0	24.9 37.3#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.327 ug/l

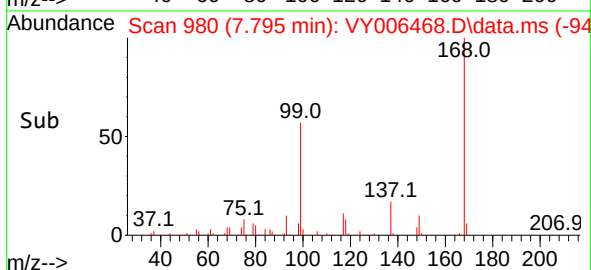
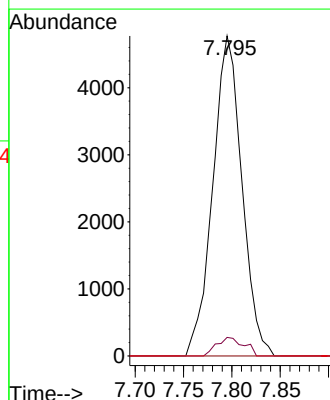
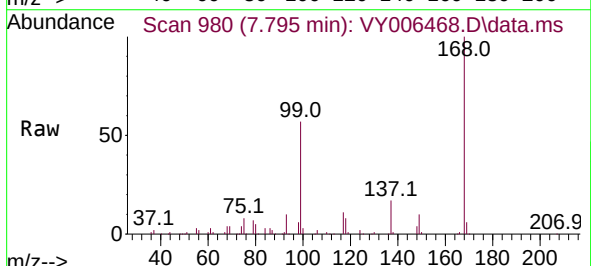
RT: 7.795 min Scan# 980

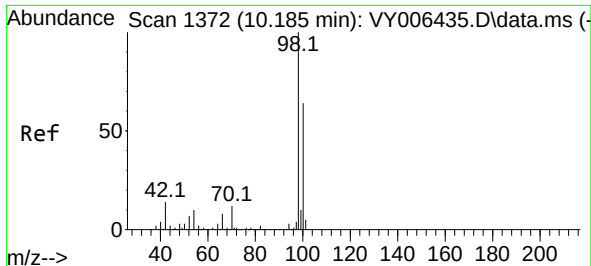
Delta R.T. -0.110 min

Lab File: VY006468.D

Acq: 25 Oct 2021 15:51

Tgt Ion: 117	Resp: 9971
Ion Ratio	Lower Upper
117 100	
119 5.8	76.6 115.0#
121 0.0	24.7 37.1#

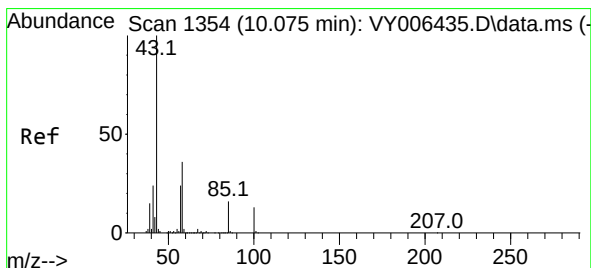
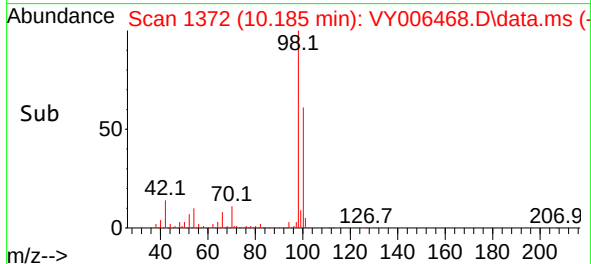
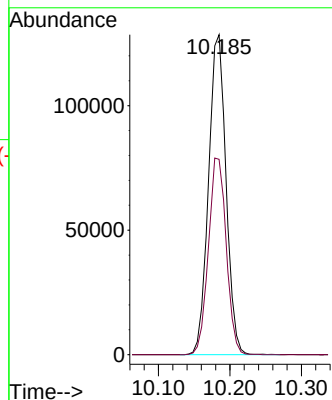
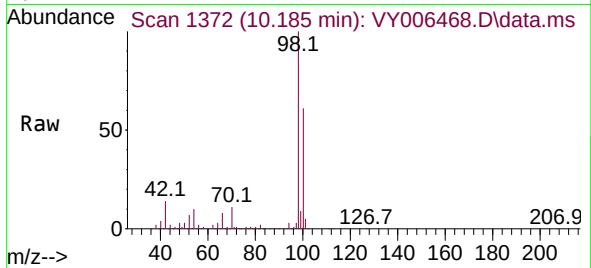




#50
Toluene-d8
Concen: 53.748 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006468.D
Acq: 25 Oct 2021 15:51

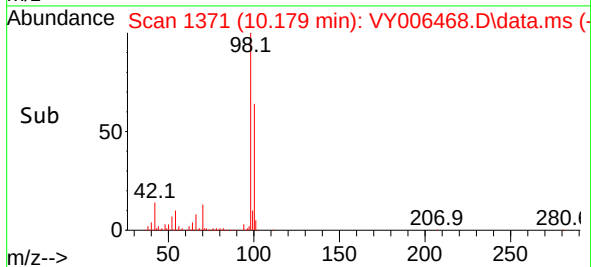
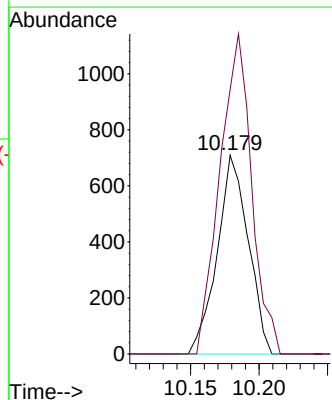
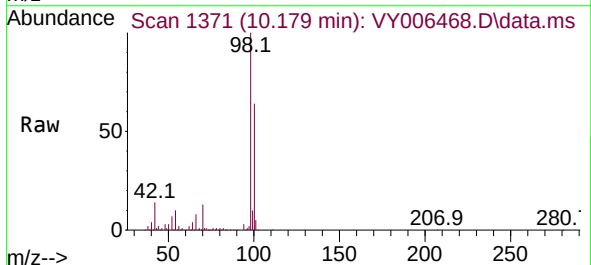
Instrument :
MSVOA_Y
ClientSampled :

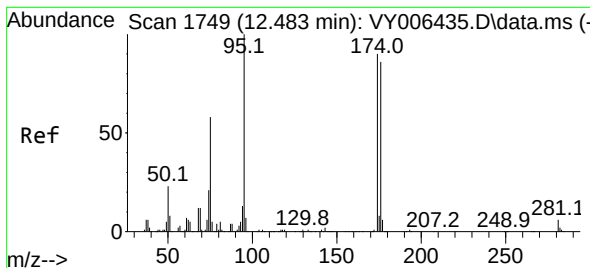
Tgt Ion: 98 Resp: 218062
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.025 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006468.D
Acq: 25 Oct 2021 15:51

Tgt Ion: 43 Resp: 1119
Ion Ratio Lower Upper
43 100
58 165.0 28.7 43.1#

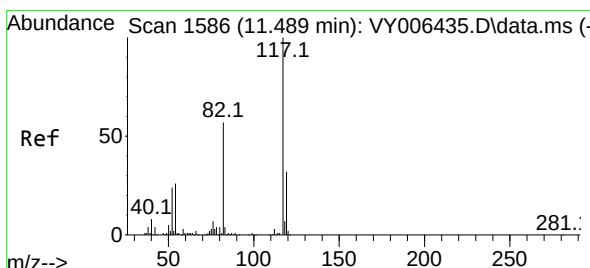
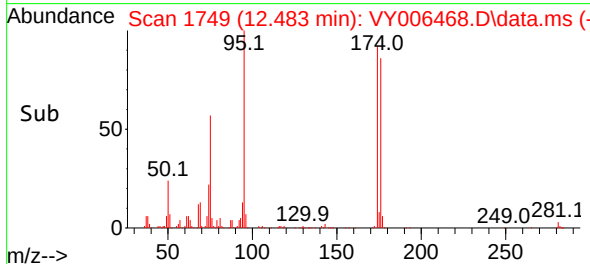
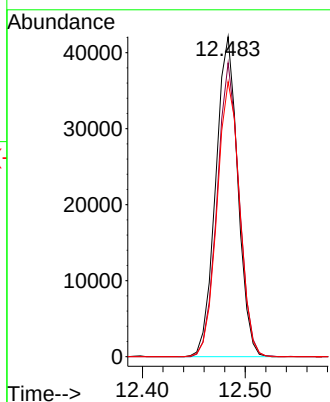
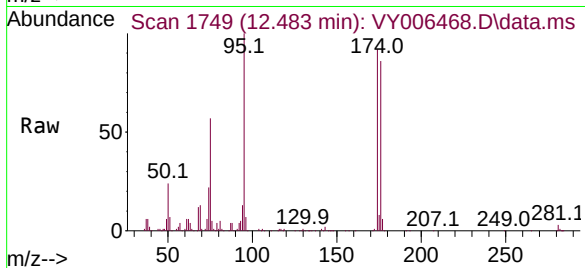




#62
4-Bromofluorobenzene
Concen: 45.946 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006468.D
Acq: 25 Oct 2021 15:51

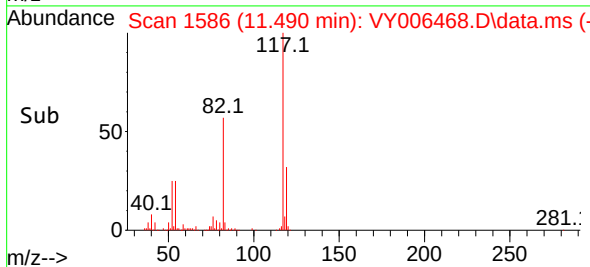
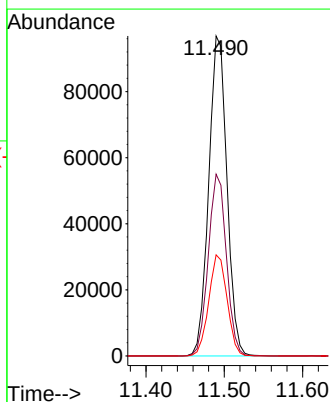
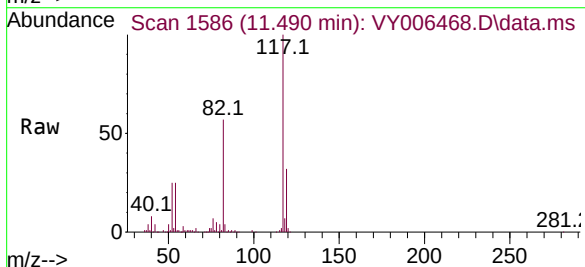
Instrument :
MSVOA_Y
ClientSampled :

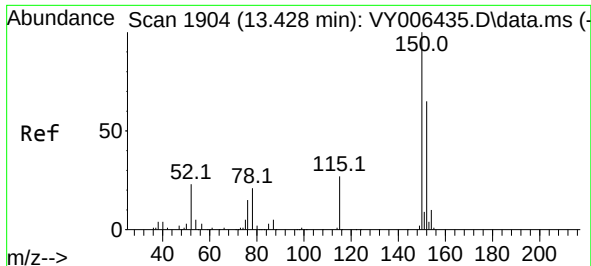
Tgt Ion: 95 Resp: 62793
Ion Ratio Lower Upper
95 100
174 91.4 0.0 177.0
176 88.0 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006468.D
Acq: 25 Oct 2021 15:51

Tgt Ion: 117 Resp: 156036
Ion Ratio Lower Upper
117 100
82 56.8 45.7 68.5
119 31.6 25.5 38.3

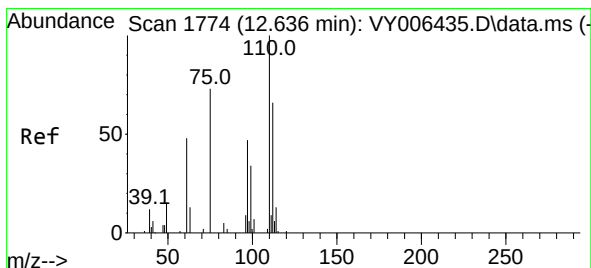
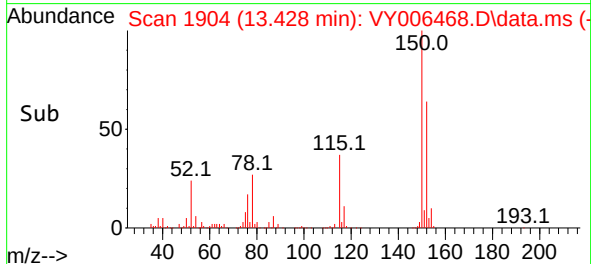
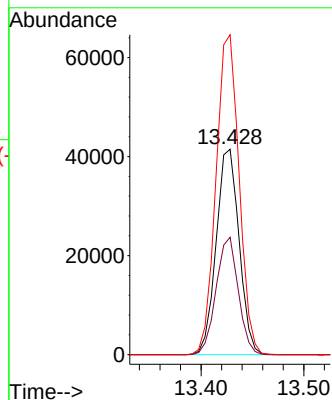
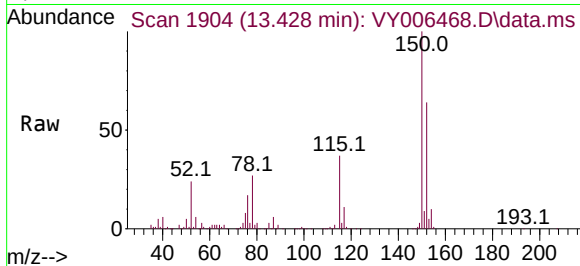




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006468.D
 Acq: 25 Oct 2021 15:51

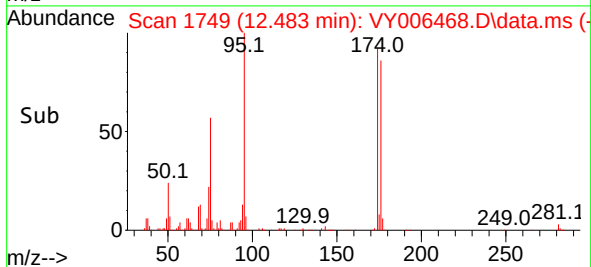
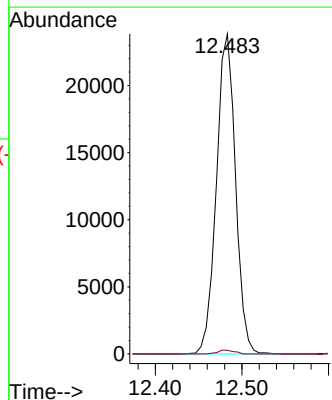
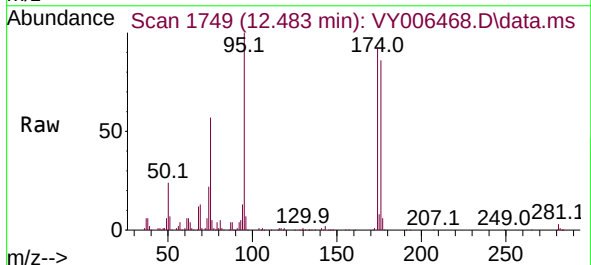
Instrument :
 MSVOA_Y
 ClientSampled :

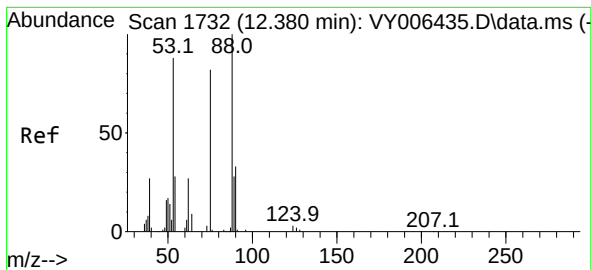
Tgt Ion:152 Resp: 64125
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.5 85.5
 150 156.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 55.259 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006468.D
 Acq: 25 Oct 2021 15:51

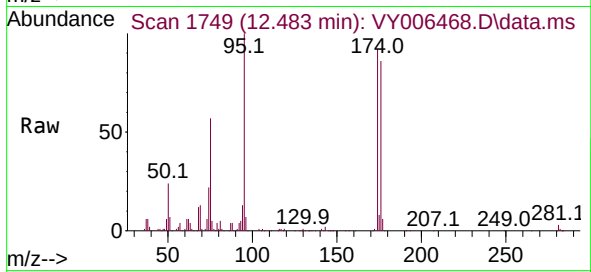
Tgt Ion: 75 Resp: 36515
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.446 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006468.D
 Acq: 25 Oct 2021 15:51

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 36515
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.1 39.3 58.9#

