

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009391.D
 Acq On : 30 Jun 2022 14:00
 Operator : KP/MD
 Sample : VY0630SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 03:46:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

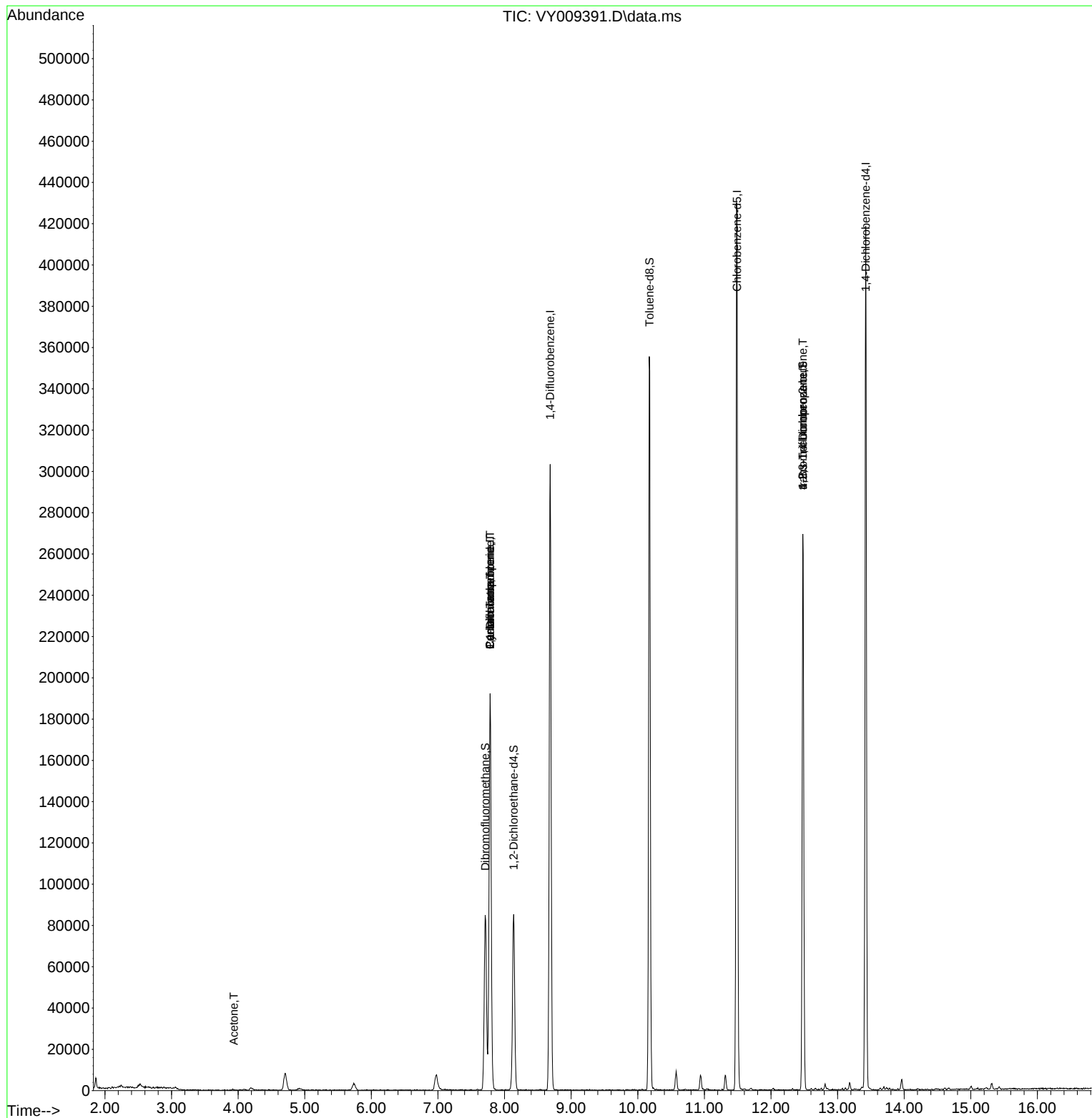
Internal Standards						
1) Pentafluorobenzene	7.783	168	147028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	253505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	233674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	103191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	65075	55.259	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 110.520%	
35) Dibromofluoromethane	7.710	113	59872	42.912	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 85.820%	
50) Toluene-d8	10.179	98	227193	53.110	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 106.220%	
62) 4-Bromofluorobenzene	12.477	95	70884	34.939	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 69.880%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.918	59	602	Below Cal	#	77
16) Acetone	3.936	43	563	1.456	ug/l #	47
18) Methyl Acetate	4.485	43	59	Below Cal	#	56
20) Methylene Chloride	4.698	84	5985	Below Cal	#	73
31) Cyclohexane	7.783	56	3234	1.221	ug/l #	5
36) 1,1-Dichloropropene	7.783	75	11640	4.771	ug/l #	51
38) Carbon Tetrachloride	7.783	117	14005	5.492	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	37165	30.754	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	37165	68.474	ug/l #	7

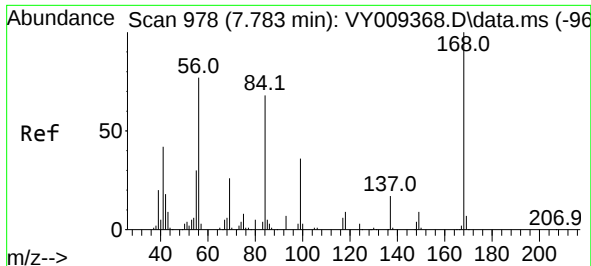
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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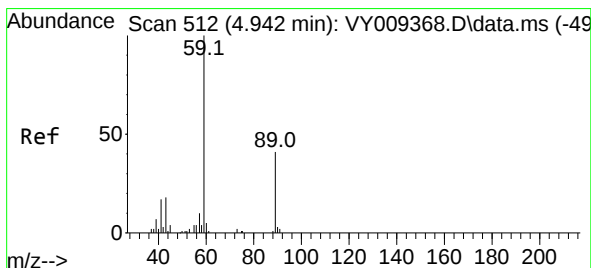
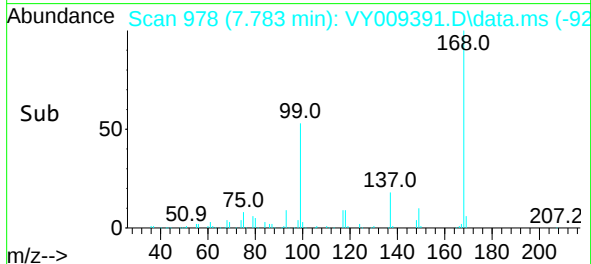
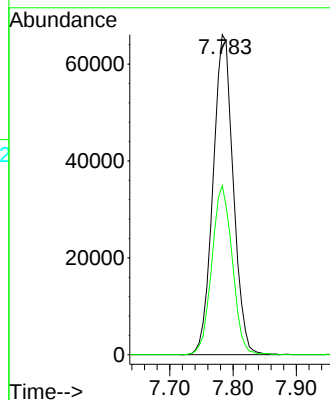
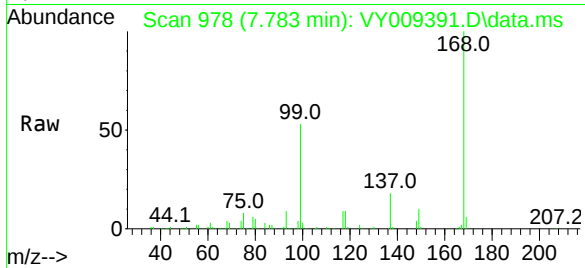




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009391.D
Acq: 30 Jun 2022 14:00

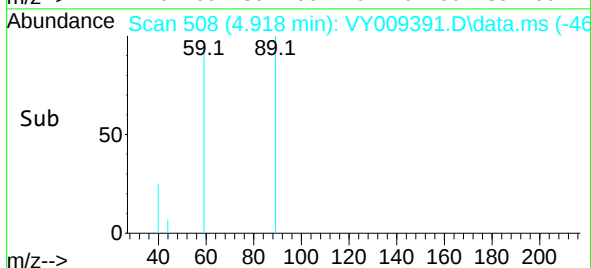
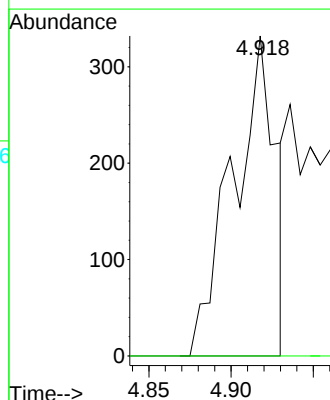
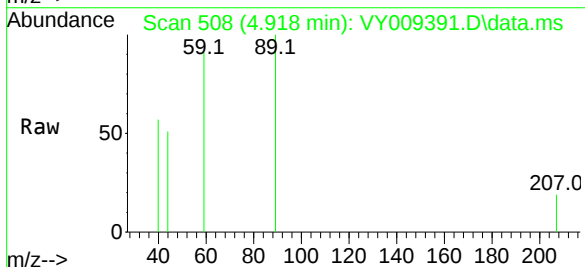
Instrument :
MSVOA_Y
ClientSampleId :

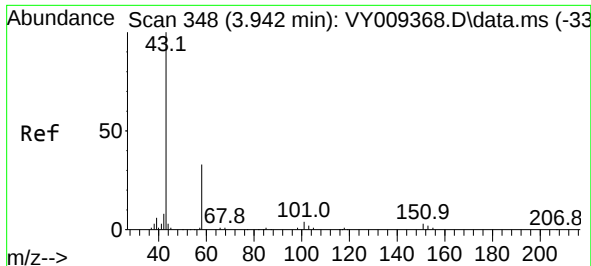
Tgt Ion:168 Resp: 147028
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.024 min
Lab File: VY009391.D
Acq: 30 Jun 2022 14:00

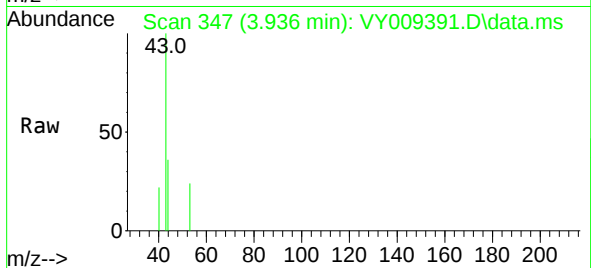
Tgt Ion: 59 Resp: 602
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



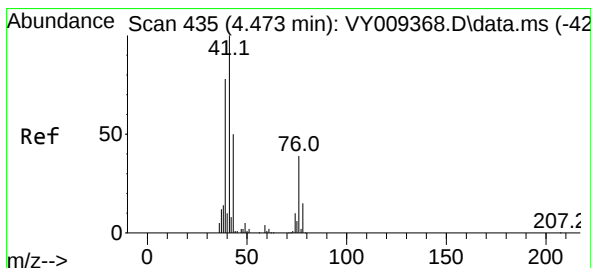
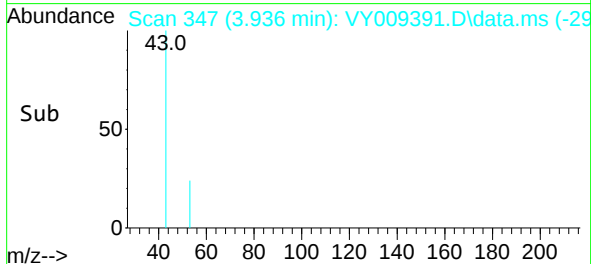
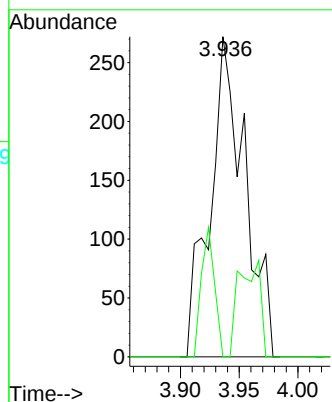


#16
Acetone
Concen: 1.456 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009391.D
Acq: 30 Jun 2022 14:00

Instrument :
MSVOA_Y
ClientSampleId :

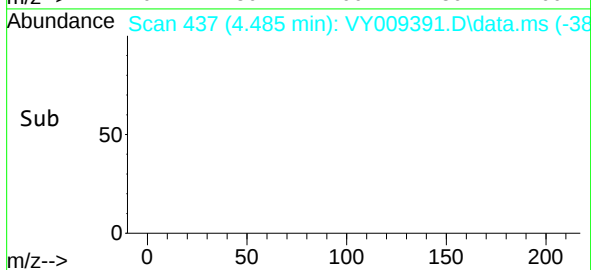
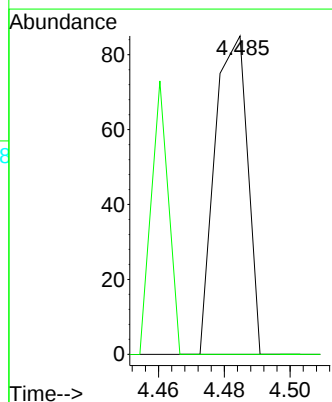
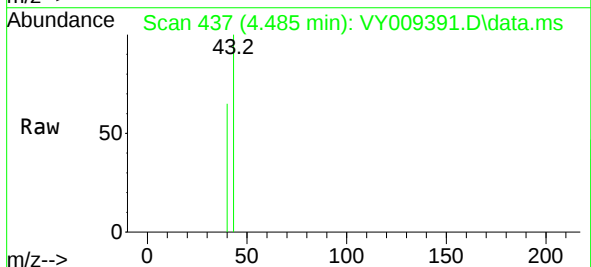


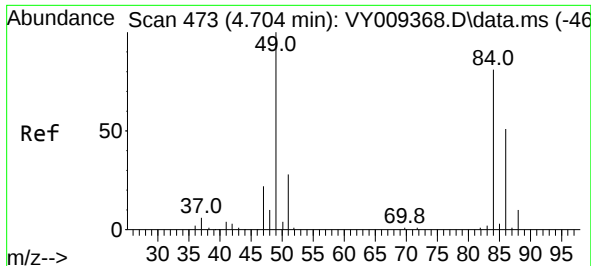
Tgt Ion: 43 Resp: 563
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY009391.D
Acq: 30 Jun 2022 14:00

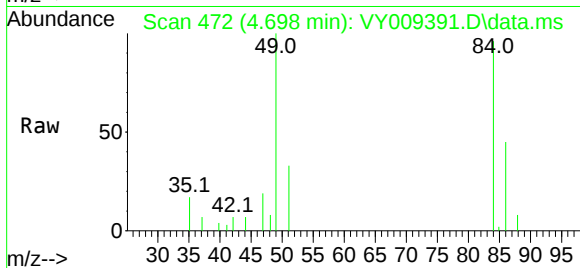
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



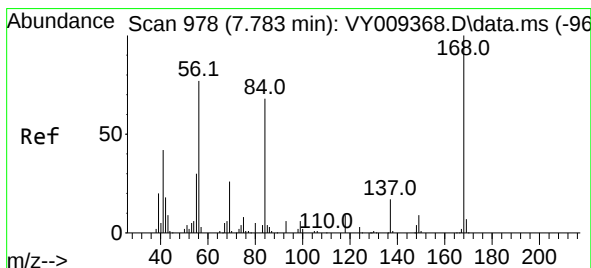
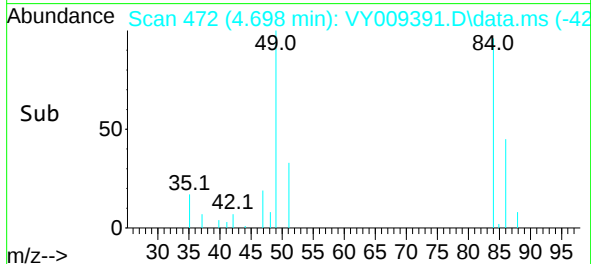
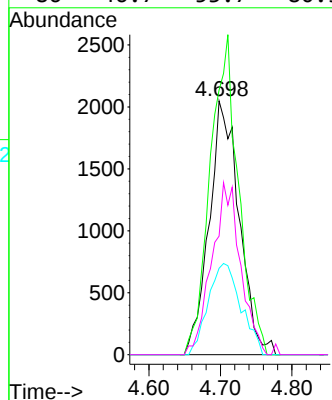


#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY009391.D
Acq: 30 Jun 2022 14:00

Instrument :
MSVOA_Y
ClientSampleId :

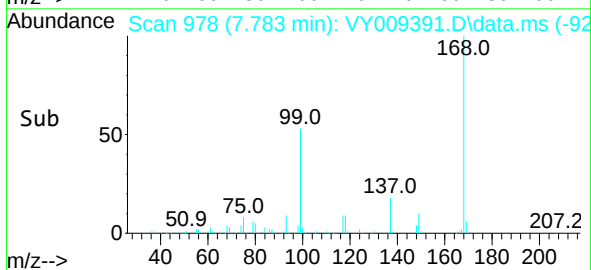
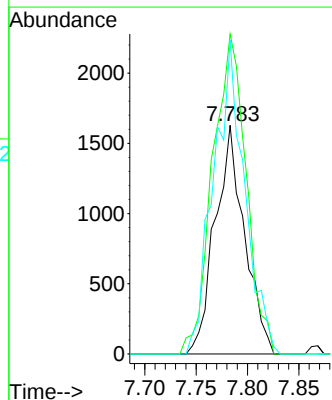
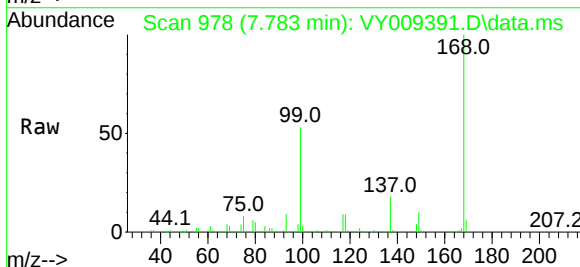


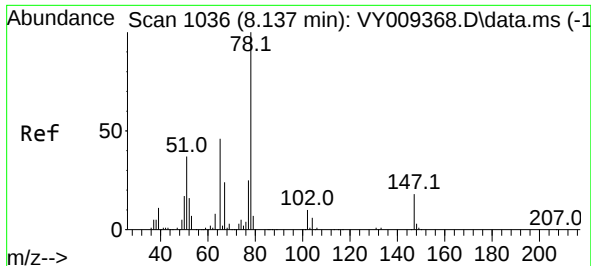
Tgt Ion:	84	Resp:	5985
Ion	Ratio	Lower	Upper
84	100		
49	104.2	114.4	171.6#
51	34.1	35.3	52.9#
86	46.7	53.7	80.5#



#31
Cyclohexane
Concen: 1.221 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY009391.D
Acq: 30 Jun 2022 14:00

Tgt Ion:	56	Resp:	3234
Ion	Ratio	Lower	Upper
56	100		
69	140.0	26.7	40.1#
84	137.3	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.259 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY009391.D

Acq: 30 Jun 2022 14:00

Instrument :

MSVOA_Y

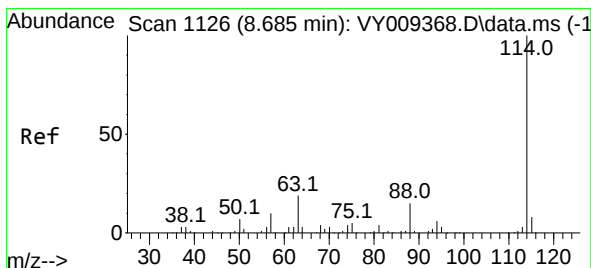
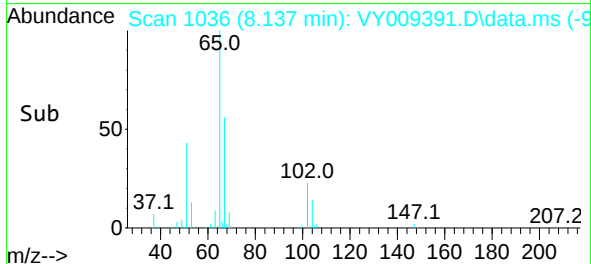
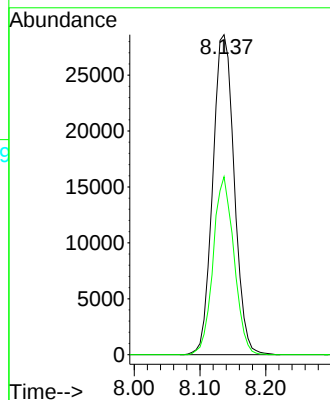
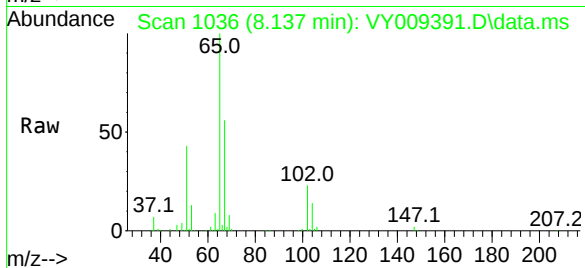
ClientSampleId :

Tgt Ion: 65 Resp: 65075

Ion Ratio Lower Upper

65 100

67 53.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009391.D

Acq: 30 Jun 2022 14:00

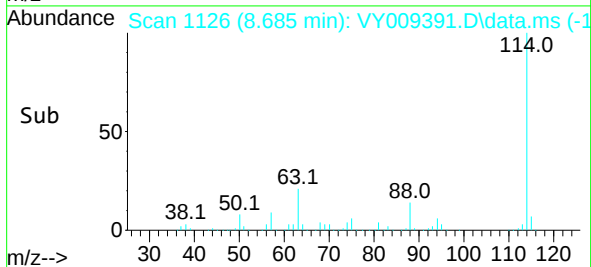
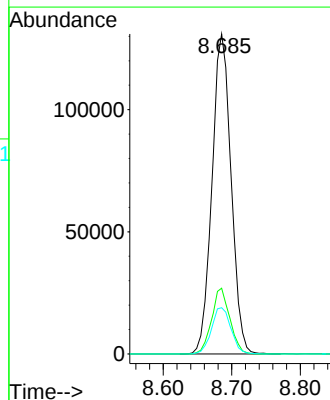
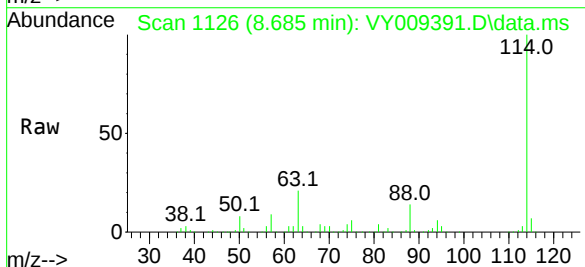
Tgt Ion: 114 Resp: 253505

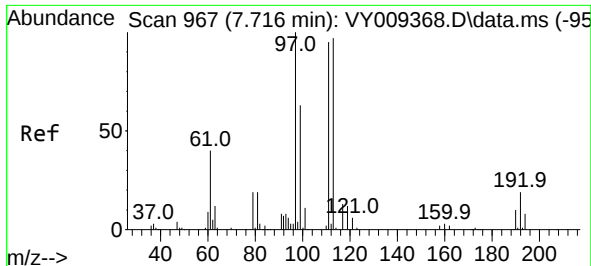
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

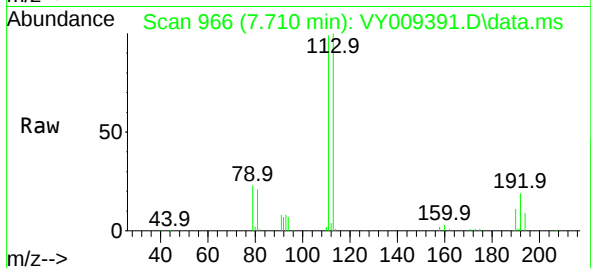
88 14.5 0.0 31.8



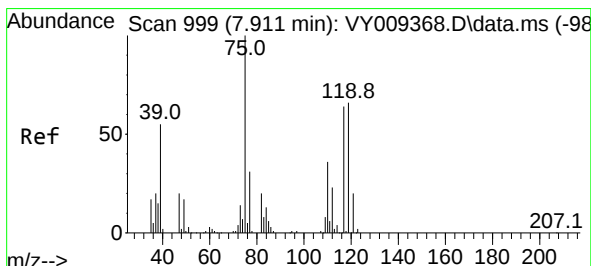
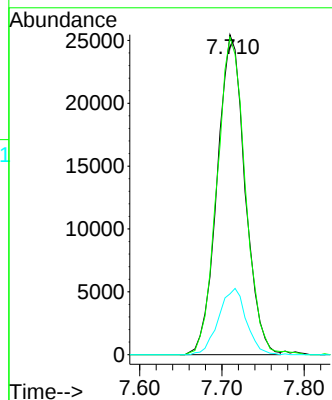
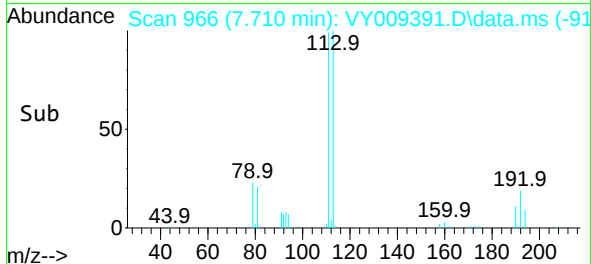


#35
Dibromofluoromethane
Concen: 42.912 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009391.D
Acq: 30 Jun 2022 14:00

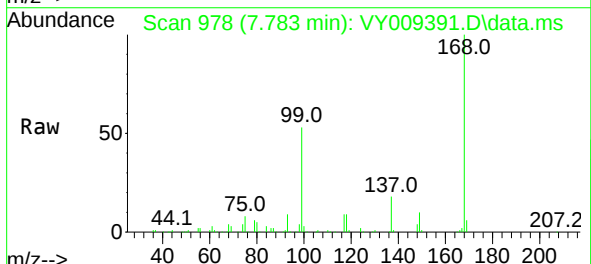
Instrument :
MSVOA_Y
ClientSampleId :



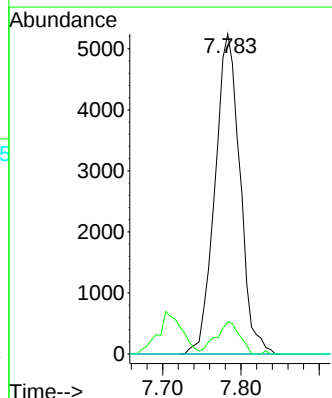
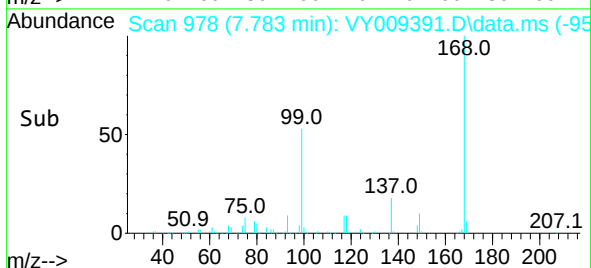
Tgt Ion:113 Resp: 59872
Ion Ratio Lower Upper
113 100
111 100.8 82.6 124.0
192 20.6 17.6 26.4

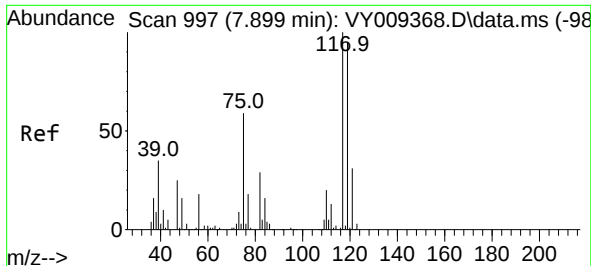


#36
1,1-Dichloropropene
Concen: 4.771 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009391.D
Acq: 30 Jun 2022 14:00



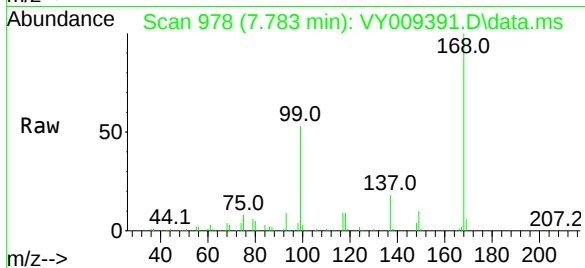
Tgt Ion: 75 Resp: 11640
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#



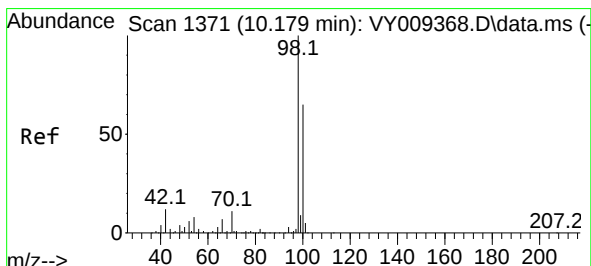
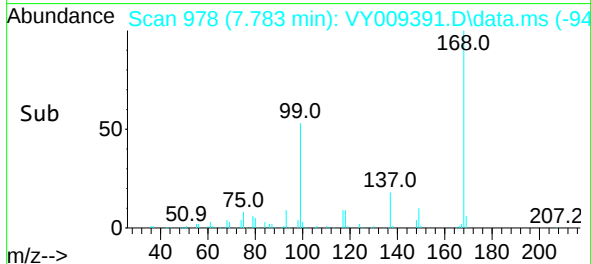
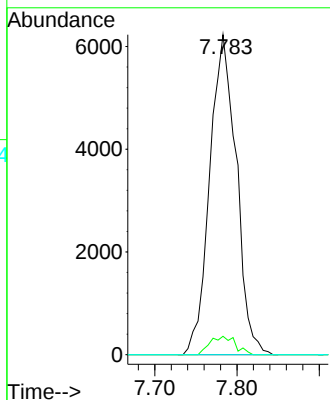


#38
Carbon Tetrachloride
Concen: 5.492 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009391.D
Acq: 30 Jun 2022 14:00

Instrument :
MSVOA_Y
ClientSampleId :

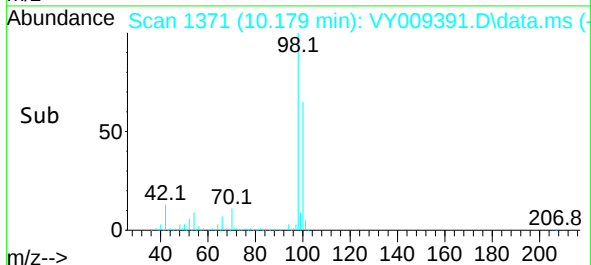
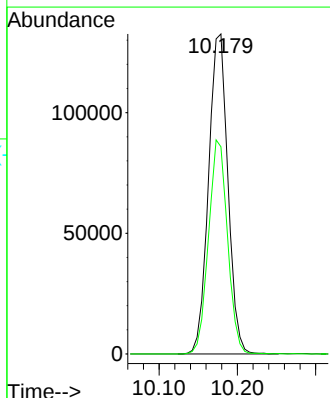
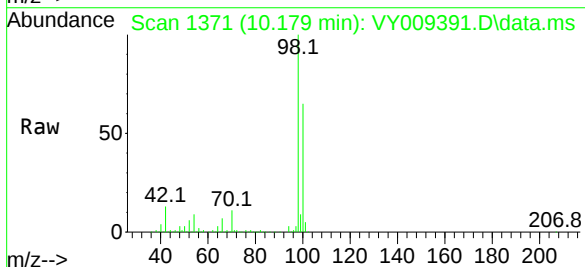


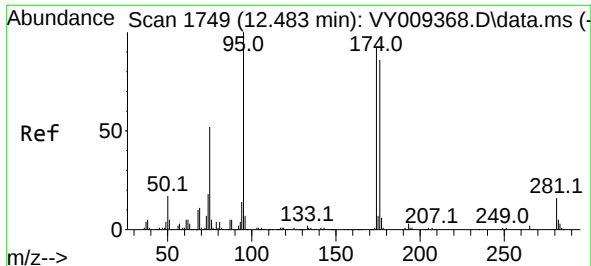
Tgt Ion:117 Resp: 14005
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.110 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009391.D
Acq: 30 Jun 2022 14:00

Tgt Ion: 98 Resp: 227193
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 34.939 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009391.D

Acq: 30 Jun 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

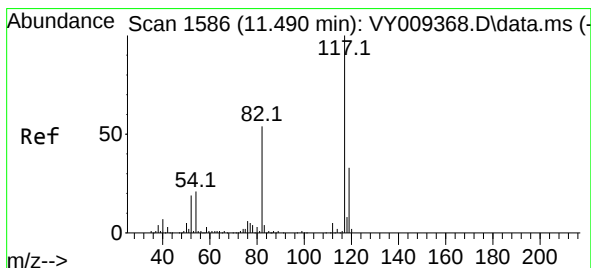
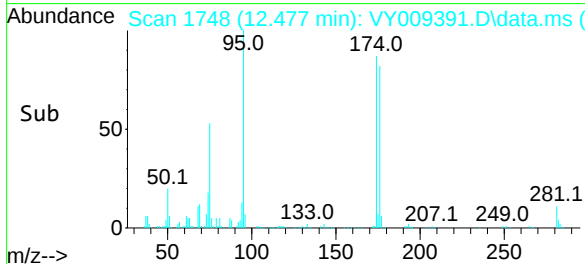
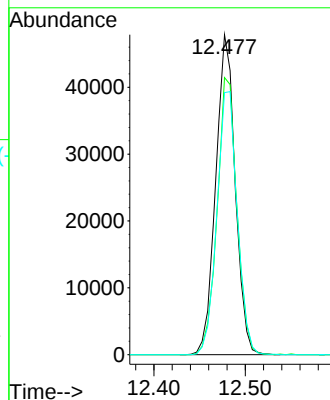
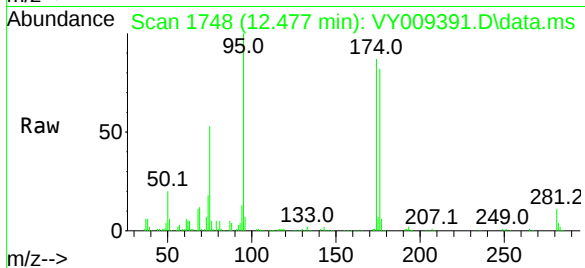
Tgt Ion: 95 Resp: 70884

Ion Ratio Lower Upper

95 100

174 87.7 0.0 177.0

176 86.3 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY009391.D

Acq: 30 Jun 2022 14:00

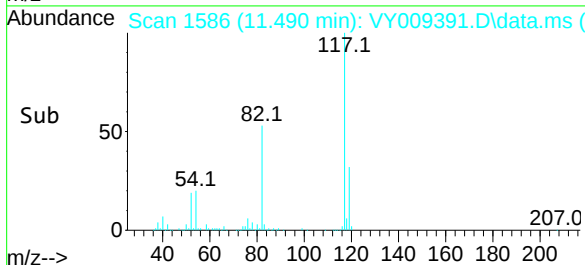
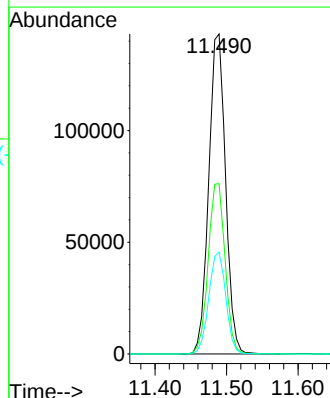
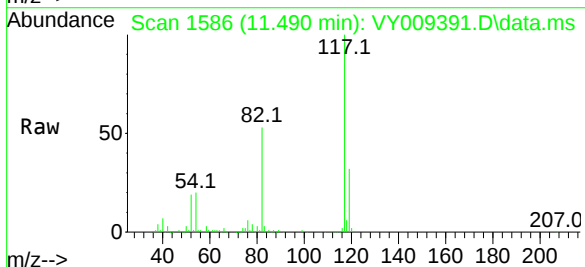
Tgt Ion: 117 Resp: 233674

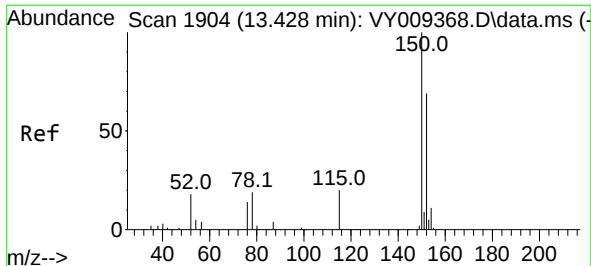
Ion Ratio Lower Upper

117 100

82 53.2 43.0 64.4

119 31.9 25.4 38.0

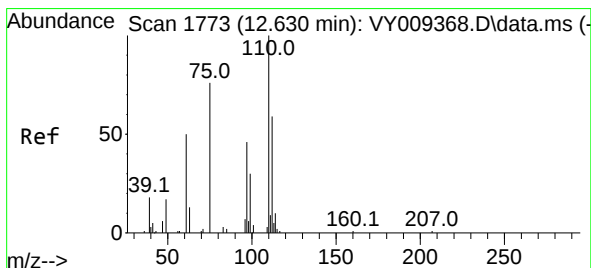
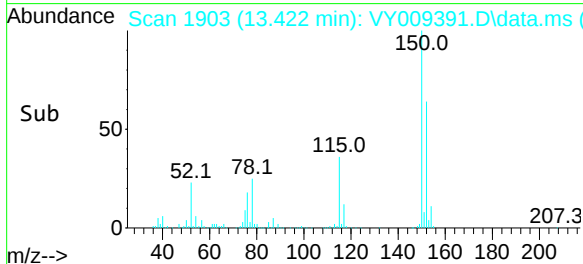
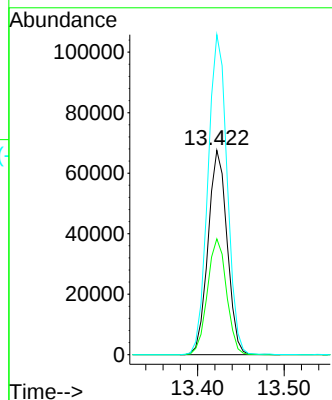
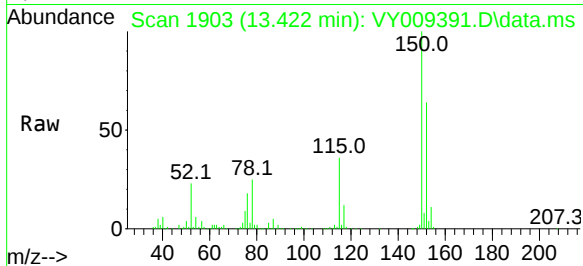




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009391.D
 Acq: 30 Jun 2022 14:00

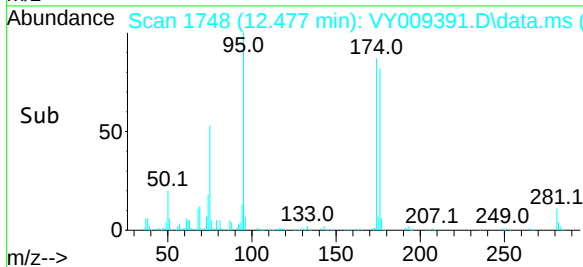
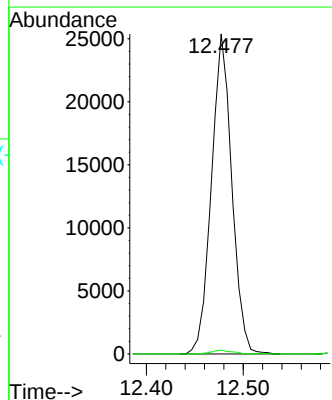
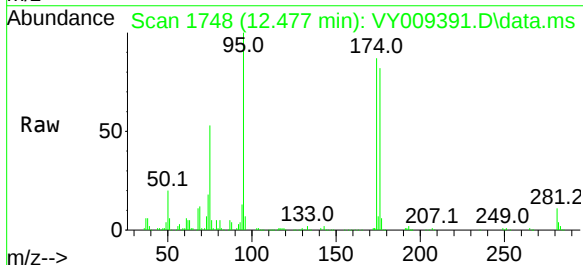
Instrument :
 MSVOA_Y
 ClientSampleId :

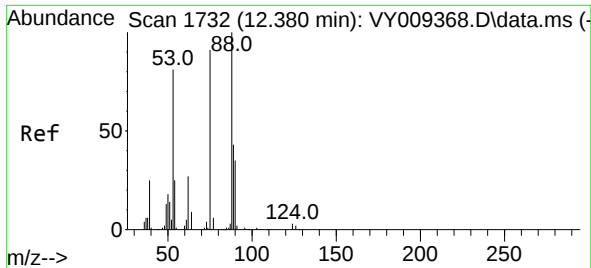
Tgt Ion:152 Resp: 103191
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.2 84.7
 150 158.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 30.754 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009391.D
 Acq: 30 Jun 2022 14:00

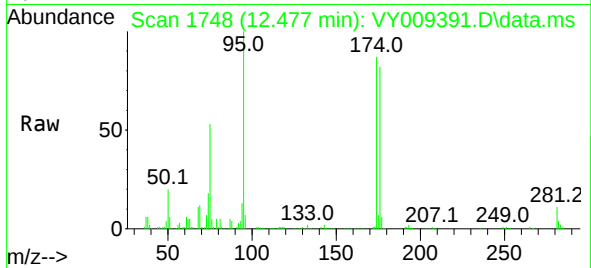
Tgt Ion: 75 Resp: 37165
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.474 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009391.D
 Acq: 30 Jun 2022 14:00

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.3	37.0	55.4#

