

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008524.D
 Acq On : 27 Apr 2022 14:01
 Operator : KP/MD
 Sample : N2577-09
 Misc : 6.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GT-11-(25-30)

Quant Time: Apr 28 01:31:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	77193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	145105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	146921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66583	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	47766	52.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.180%
35) Dibromofluoromethane	7.722	113	47232	50.436	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.880%
50) Toluene-d8	10.185	98	179722	48.237	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.480%
62) 4-Bromofluorobenzene	12.483	95	64948	51.505	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.000%

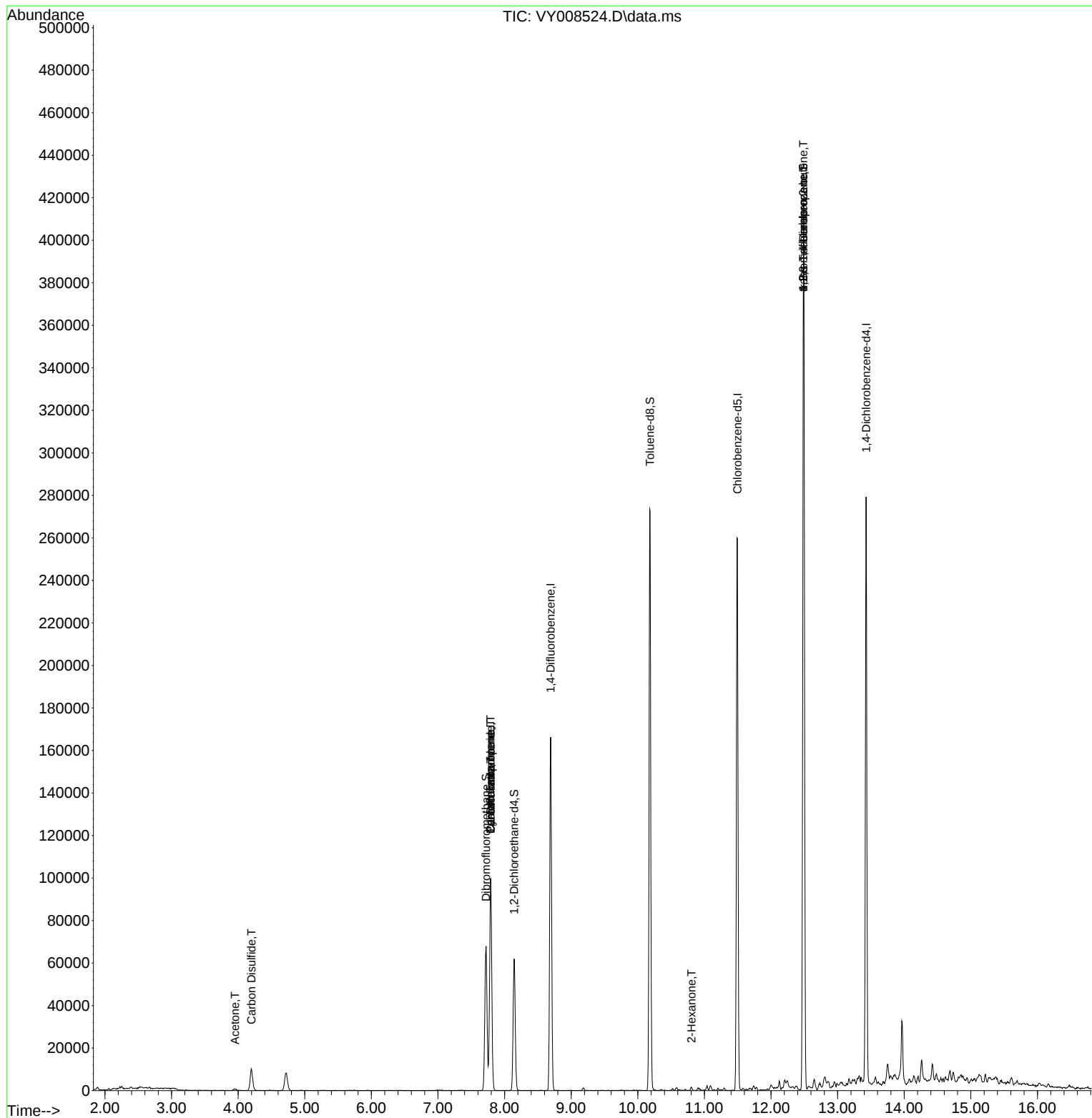
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.942	59	47	Below Cal	#	77
16) Acetone	3.954	43	1545	7.303	ug/l	99
17) Carbon Disulfide	4.198	76	20426	8.097	ug/l	99
20) Methylene Chloride	4.722	84	6711	Below Cal	#	81
31) Cyclohexane	7.789	56	1827	1.224	ug/l	# 27
36) 1,1-Dichloropropene	7.789	75	6013	4.037	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	7990	5.162	ug/l	# 15
59) 2-Hexanone	10.807	43	683	1.245	ug/l	# 28
76) 1,2,3-Trichloropropane	12.483	75	36967	42.900	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	36967	99.524	ug/l	# 8

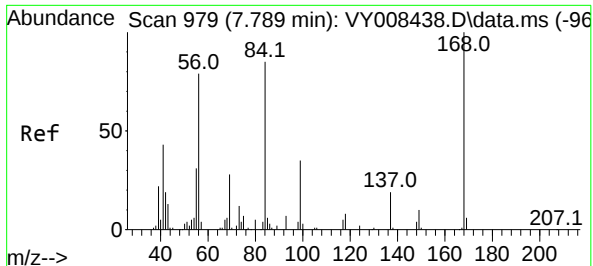
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

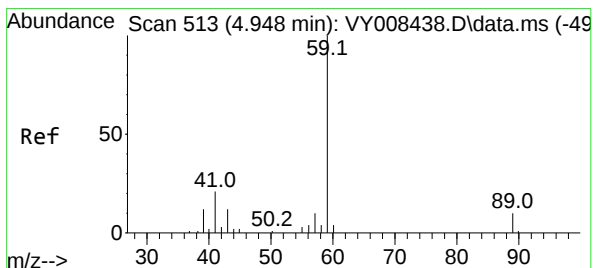
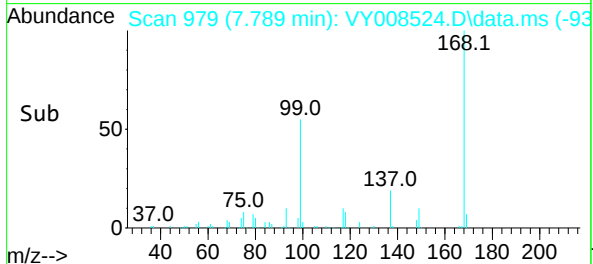
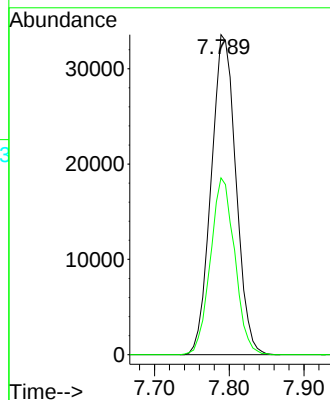
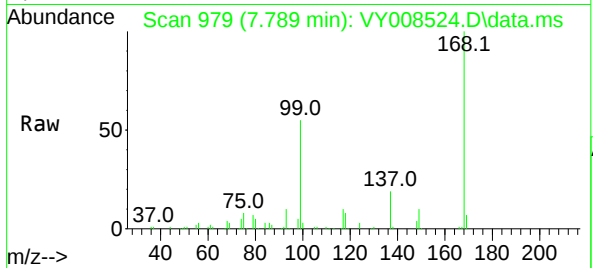




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008524.D
Acq: 27 Apr 2022 14:01

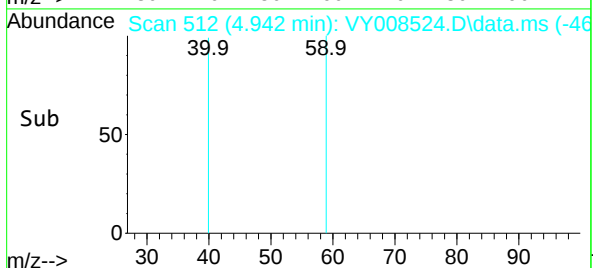
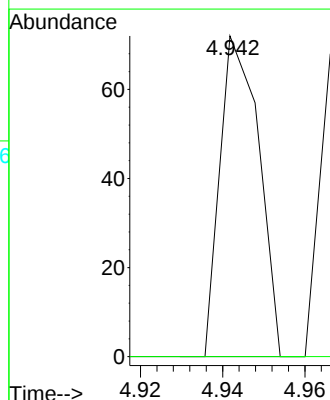
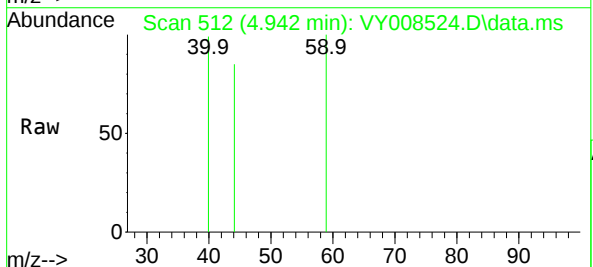
Instrument :
MSVOA_Y
ClientSampleId :
GT-11-(25-30)

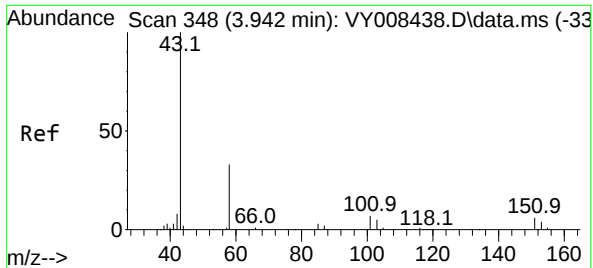
Tgt Ion:168 Resp: 77193
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY008524.D
Acq: 27 Apr 2022 14:01

Tgt Ion: 59 Resp: 47
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

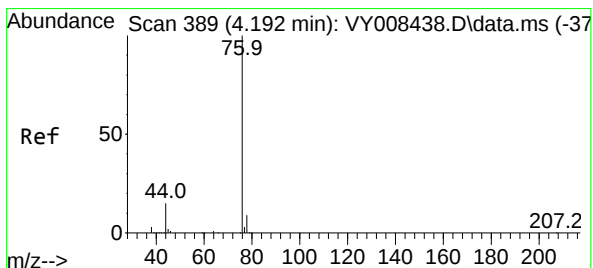
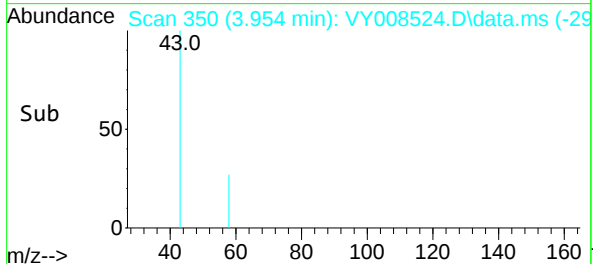
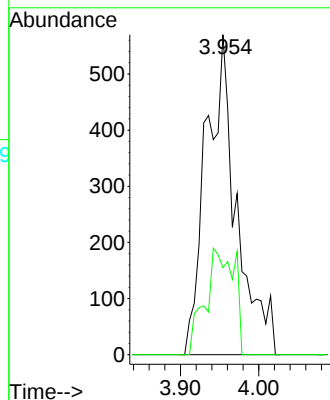
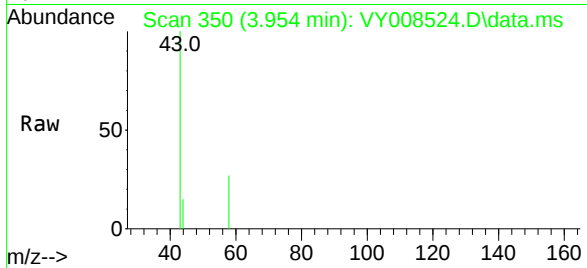




#16
Acetone
Concen: 7.303 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY008524.D
Acq: 27 Apr 2022 14:01

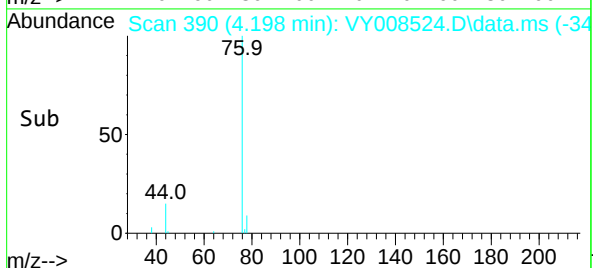
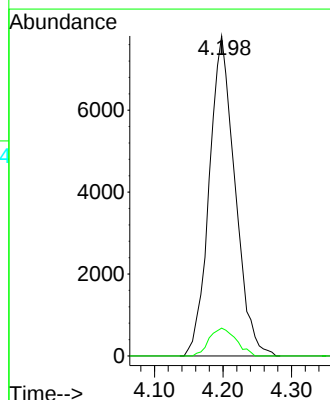
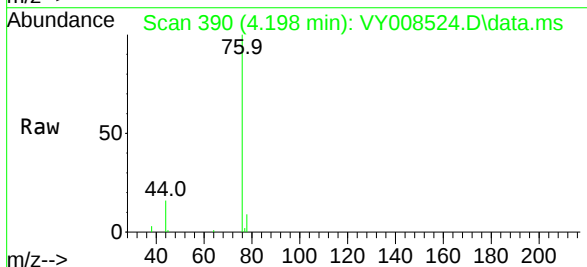
Instrument :
MSVOA_Y
ClientSampleId :
GT-11-(25-30)

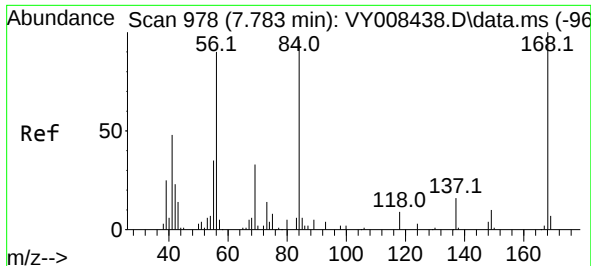
Tgt Ion: 43 Resp: 1545
Ion Ratio Lower Upper
43 100
58 27.2 22.0 33.0



#17
Carbon Disulfide
Concen: 8.097 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY008524.D
Acq: 27 Apr 2022 14:01

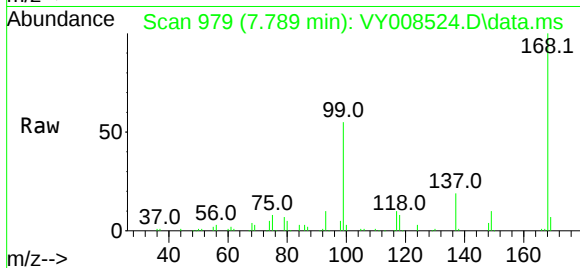
Tgt Ion: 76 Resp: 20426
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



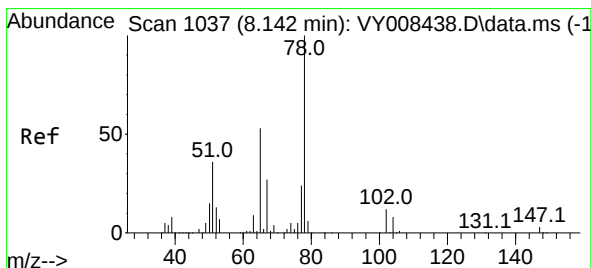
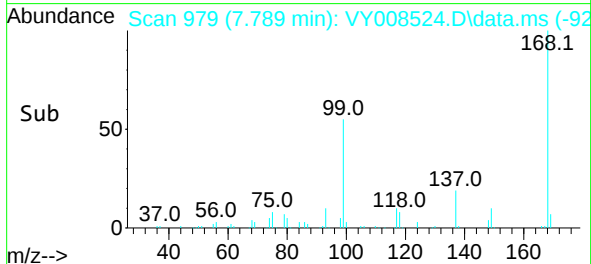
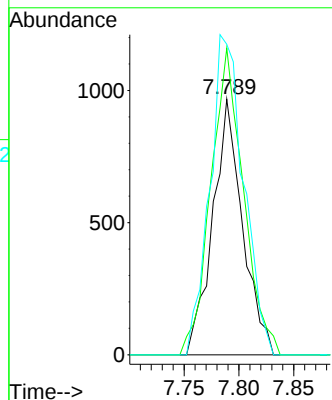


#31
Cyclohexane
Concen: 1.224 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008524.D
Acq: 27 Apr 2022 14:01

Instrument :
MSVOA_Y
ClientSampleId :
GT-11-(25-30)

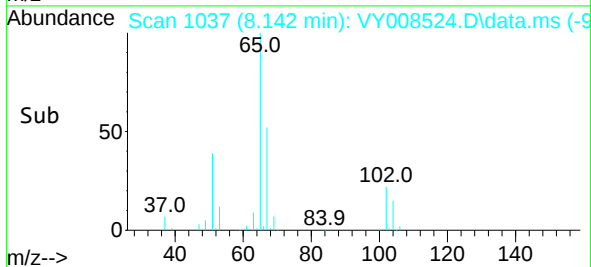
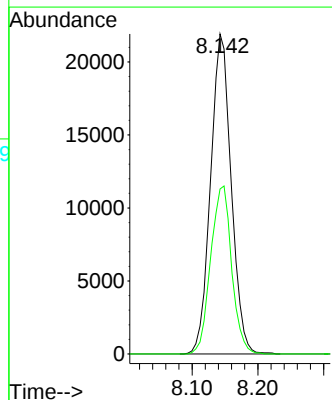
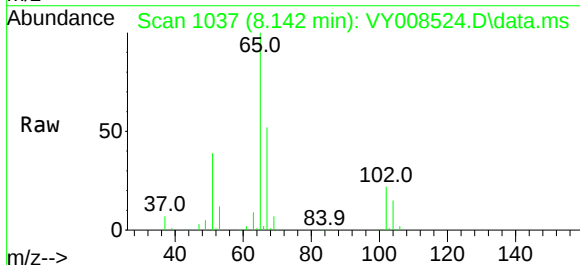


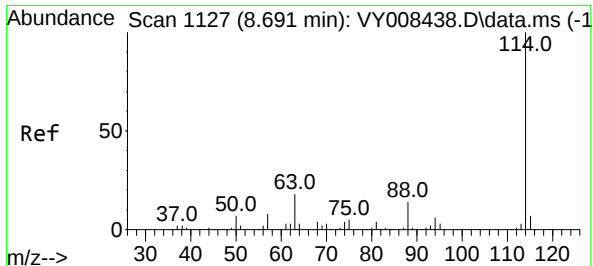
Tgt Ion: 56 Resp: 1827
Ion Ratio Lower Upper
56 100
69 120.0 26.7 40.1#
84 121.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 52.590 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008524.D
Acq: 27 Apr 2022 14:01

Tgt Ion: 65 Resp: 47766
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008524.D

Acq: 27 Apr 2022 14:01

Instrument :

MSVOA_Y

ClientSampleId :

GT-11-(25-30)

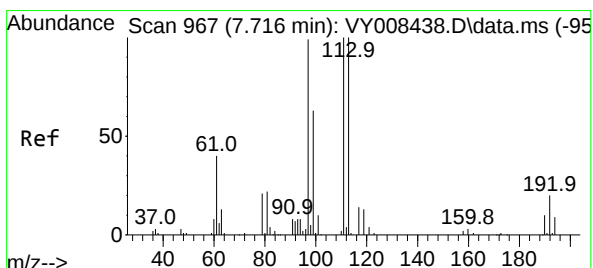
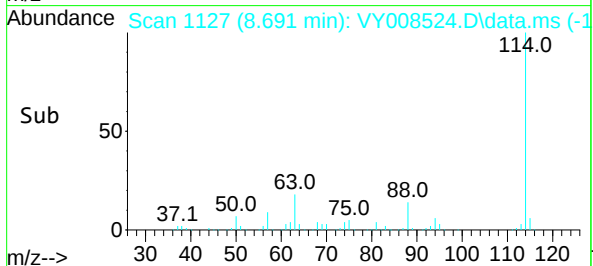
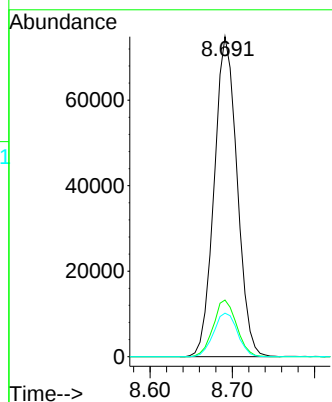
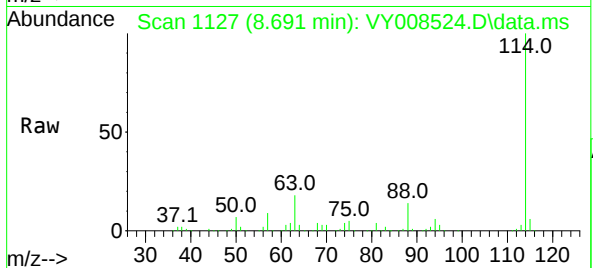
Tgt Ion:114 Resp: 145105

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.436 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008524.D

Acq: 27 Apr 2022 14:01

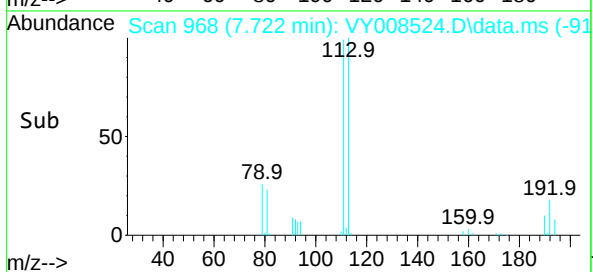
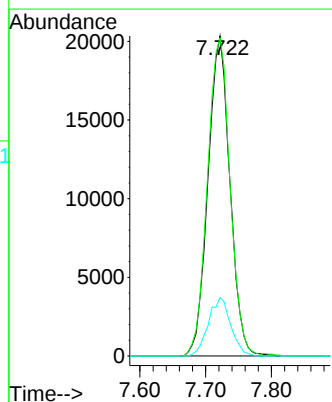
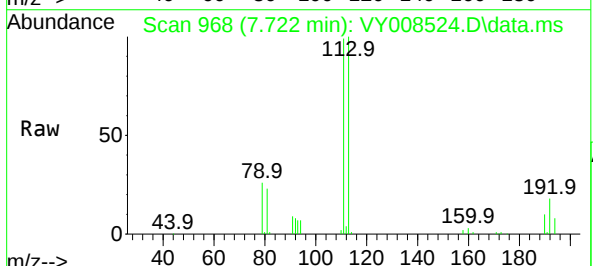
Tgt Ion:113 Resp: 47232

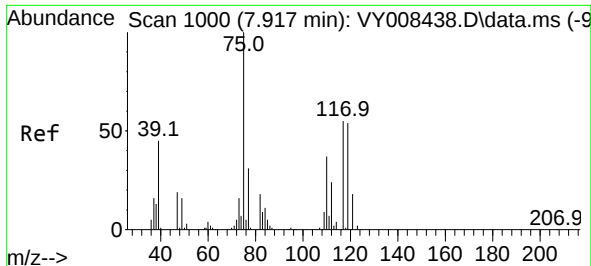
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 18.6 17.6 26.4

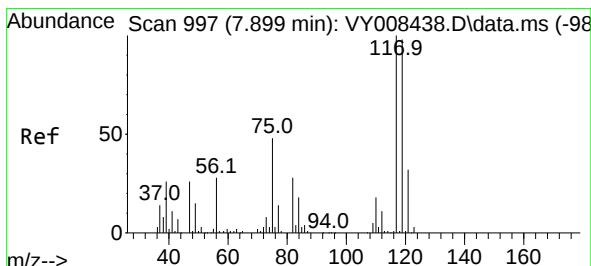
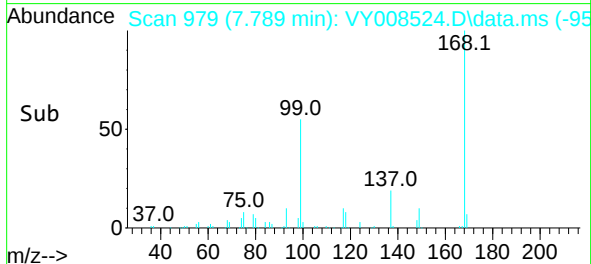
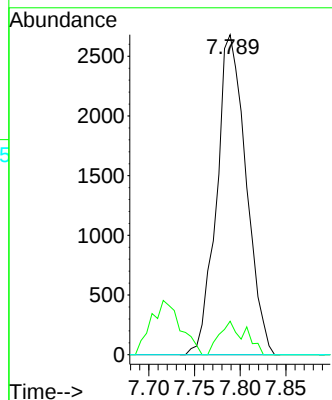
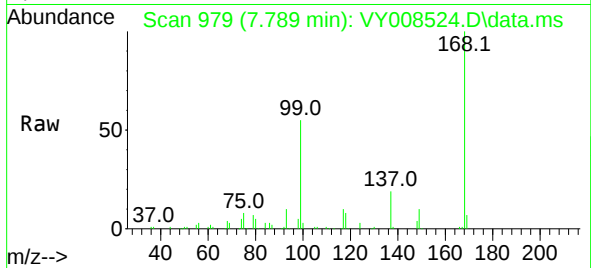




#36
1,1-Dichloropropene
Concen: 4.037 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008524.D
Acq: 27 Apr 2022 14:01

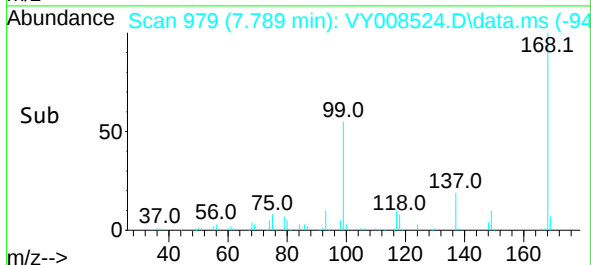
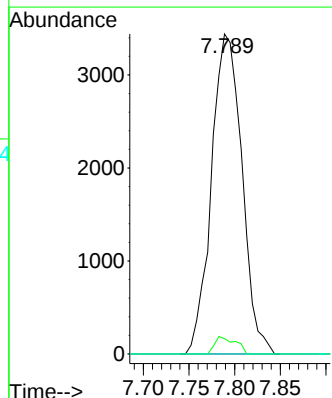
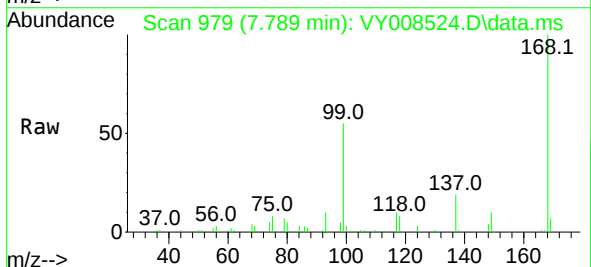
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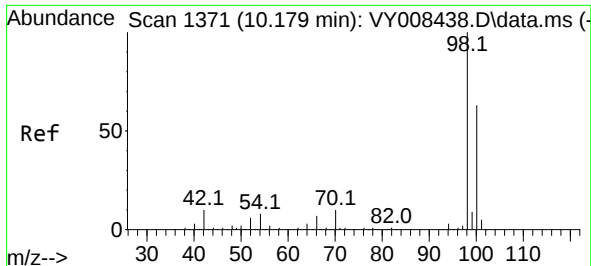
Tgt Ion: 75 Resp: 6013
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.162 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008524.D
Acq: 27 Apr 2022 14:01

Tgt Ion: 117 Resp: 7990
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#

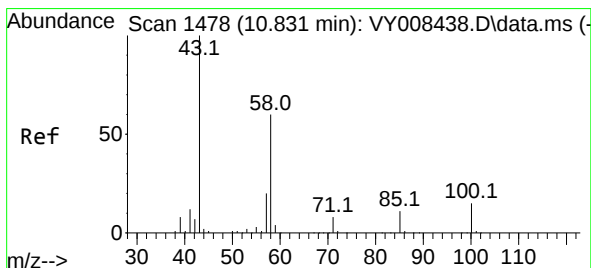
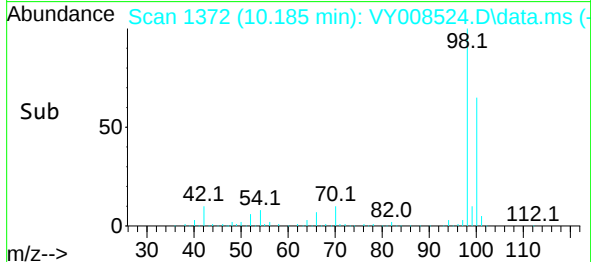
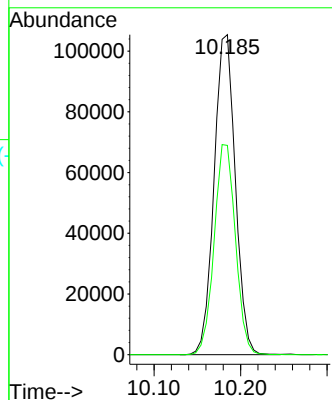
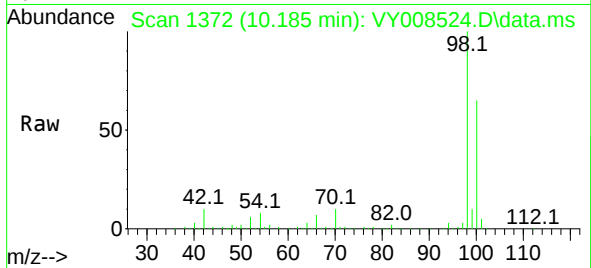




#50
Toluene-d8
Concen: 48.237 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008524.D
Acq: 27 Apr 2022 14:01

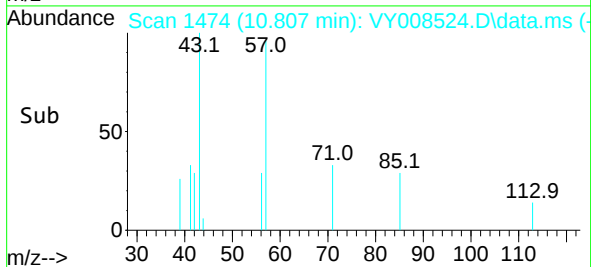
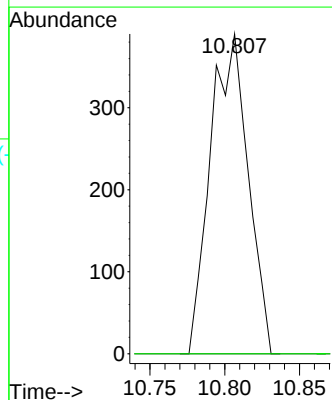
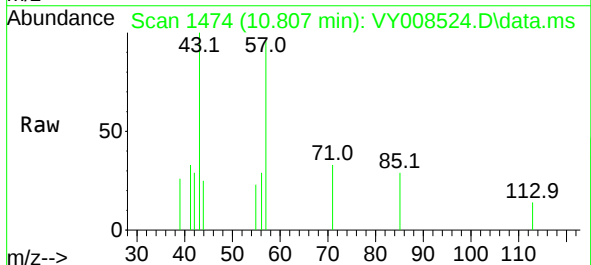
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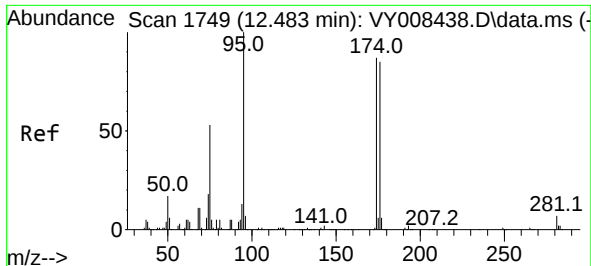
Tgt Ion: 98 Resp: 179722
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#59
2-Hexanone
Concen: 1.245 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.024 min
Lab File: VY008524.D
Acq: 27 Apr 2022 14:01

Tgt Ion: 43 Resp: 683
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#

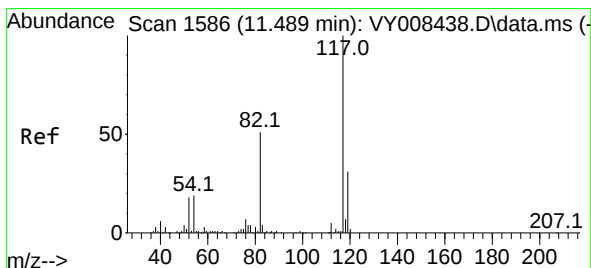
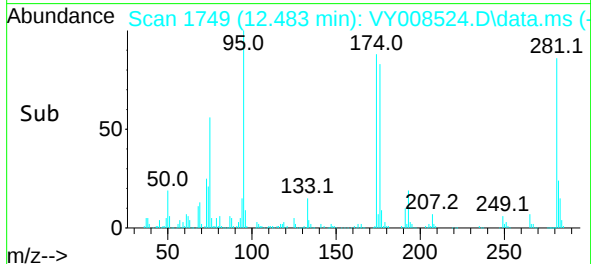
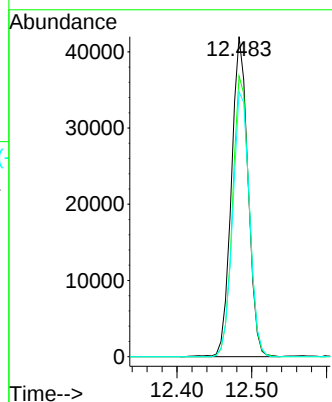
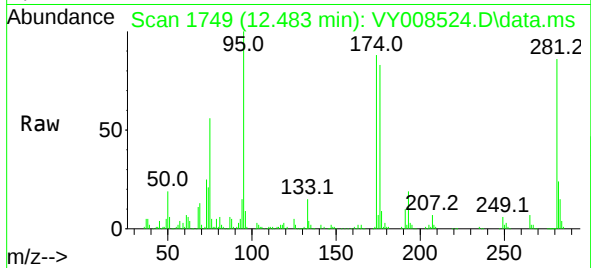




#62
4-Bromofluorobenzene
Concen: 51.505 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008524.D
Acq: 27 Apr 2022 14:01

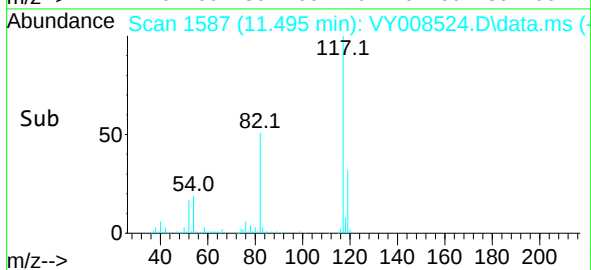
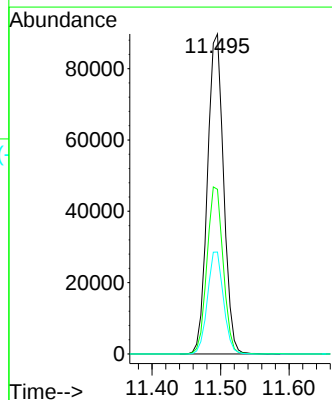
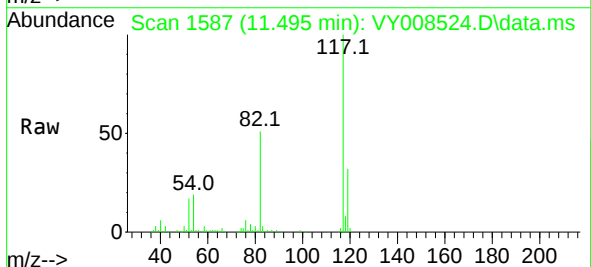
Instrument :
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GT-11-(25-30)

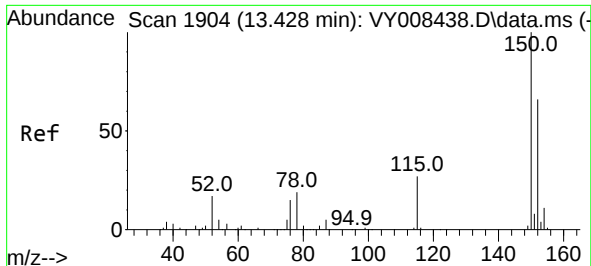
Tgt Ion: 95 Resp: 64948
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 83.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY008524.D
Acq: 27 Apr 2022 14:01

Tgt Ion: 117 Resp: 146921
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 31.8 25.4 38.0

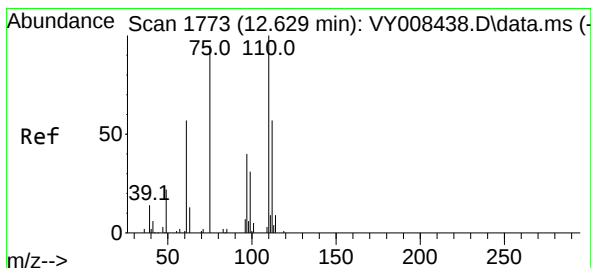
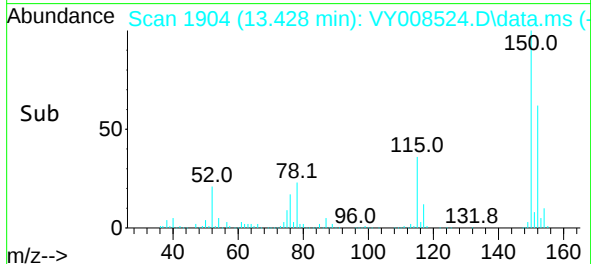
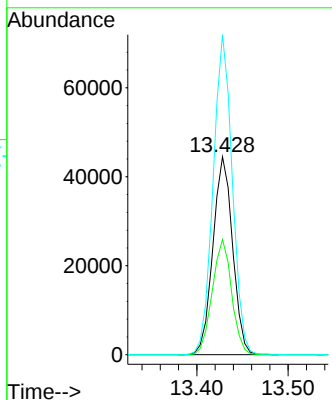
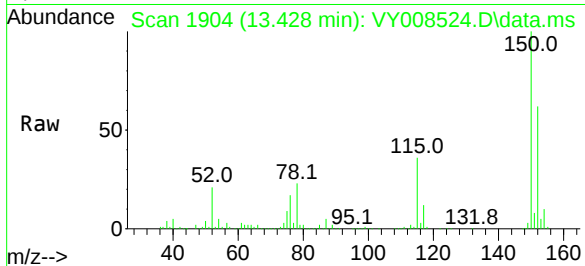




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008524.D
 Acq: 27 Apr 2022 14:01

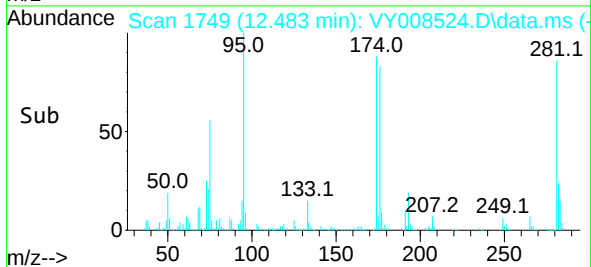
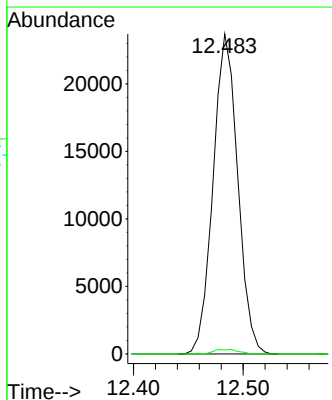
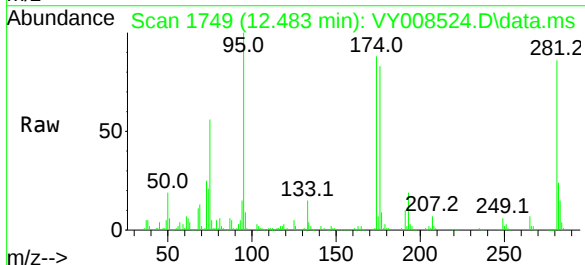
Instrument :
 MSVOA_Y
 ClientSampleId :
 GT-11-(25-30)

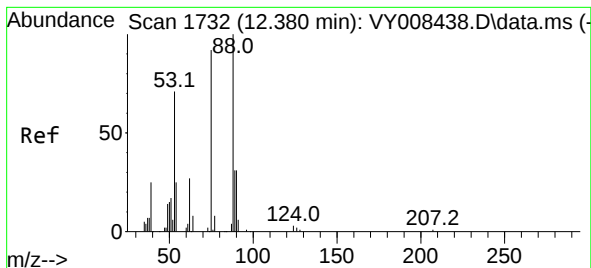
Tgt Ion:152 Resp: 66583
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.2 84.7
 150 157.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 42.900 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008524.D
 Acq: 27 Apr 2022 14:01

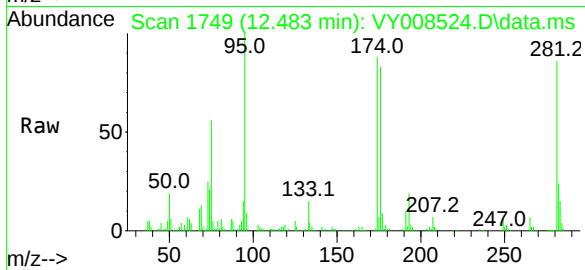
Tgt Ion: 75 Resp: 36967
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.524 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008524.D
 Acq: 27 Apr 2022 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 GT-11-(25-30)



Tgt Ion: 75 Resp: 36967
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 2.6 37.0 55.4#

