

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007783.D
 Acq On : 08 Mar 2022 16:28
 Operator : SY/MD
 Sample : N1806-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 09 00:27:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

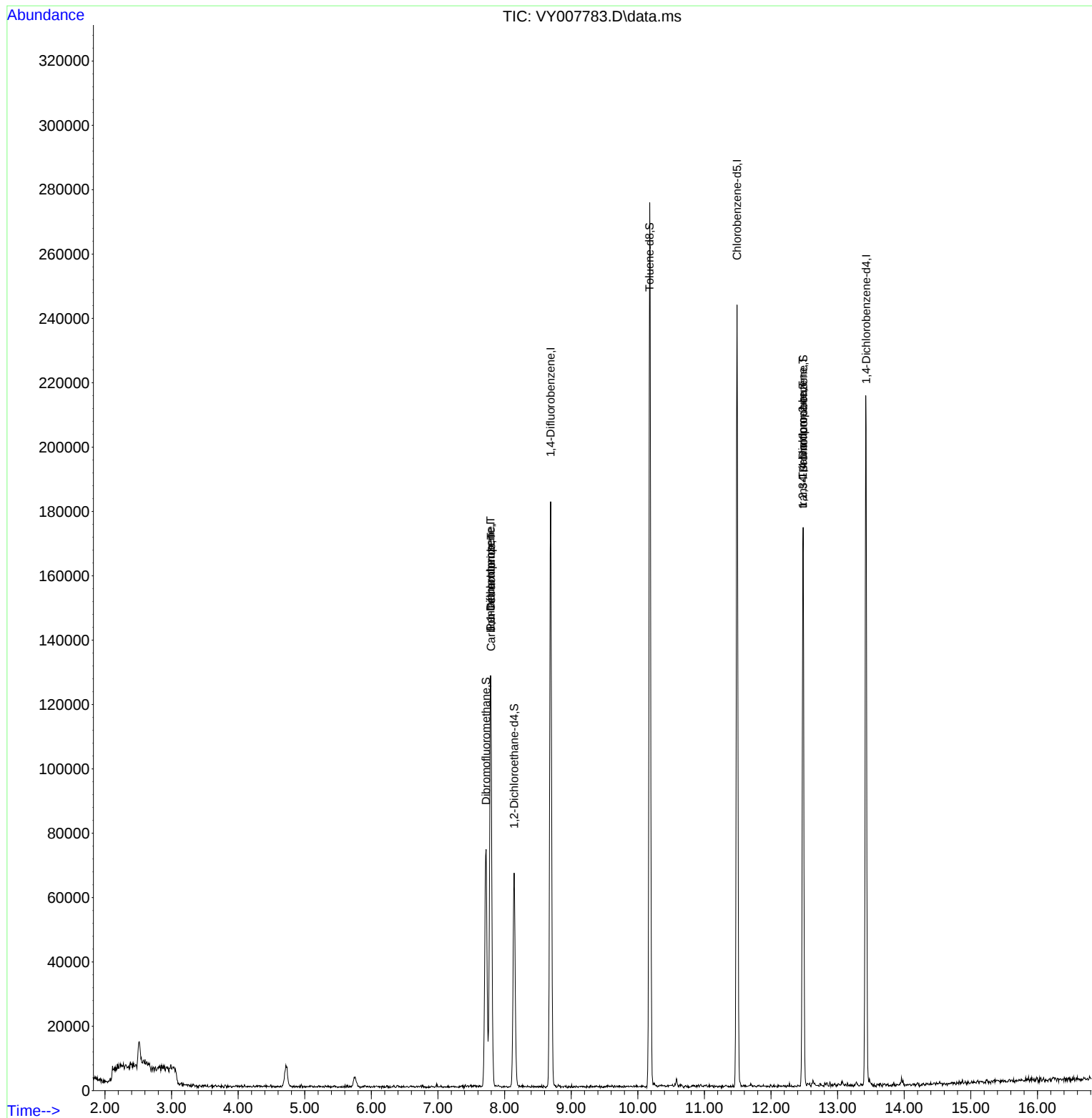
Internal Standards						
1) Pentafluorobenzene	7.789	168	101634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	127631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	53178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	50769	47.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.420%
35) Dibromofluoromethane	7.722	113	51300	51.441	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.880%
50) Toluene-d8	10.179	98	177997	48.488	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.980%
62) 4-Bromofluorobenzene	12.483	95	46156	39.006	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.174	85	80	Below Cal	#	43
3) Chloromethane	2.113	50	918	Below Cal	#	86
13) Acrolein	3.655	56	19	Below Cal	#	1
18) Methyl Acetate	4.411	43	22	Below Cal	#	56
31) Cyclohexane	7.795	56	2326	Below Cal	#	52
36) 1,1-Dichloropropene	7.789	75	8243	5.254	ug/l #	52
38) Carbon Tetrachloride	7.795	117	10128	6.052	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	26931	45.348	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	26931	92.708	ug/l #	7

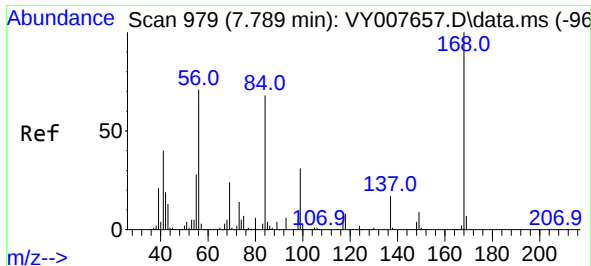
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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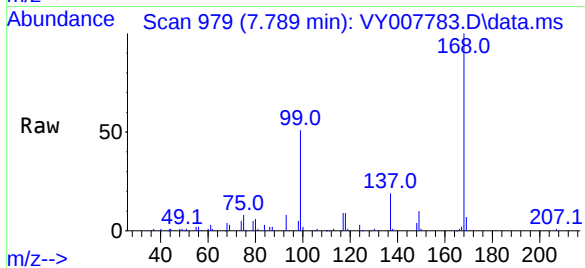
Quant Time: Mar 09 00:27:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
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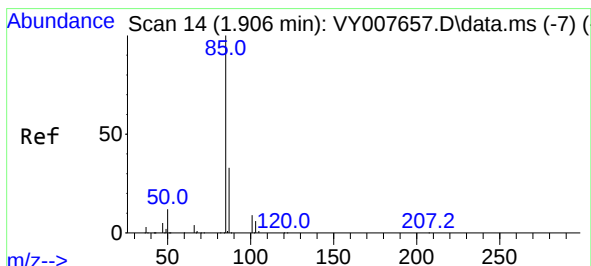
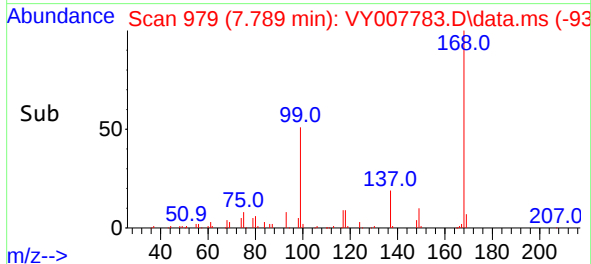
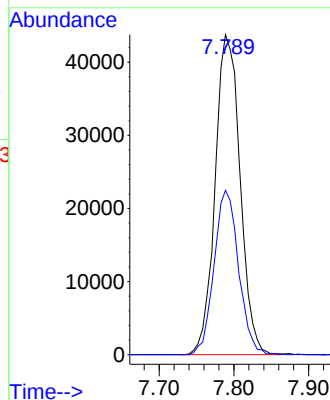


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007783.D
Acq: 08 Mar 2022 16:28

Instrument :
MSVOA_Y
ClientSampleId :

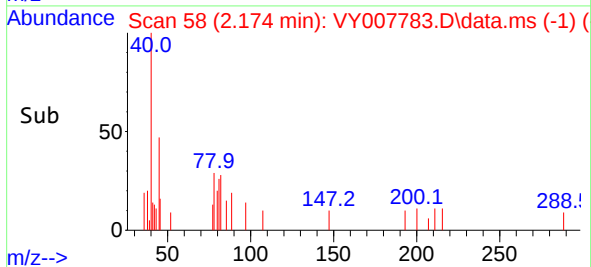
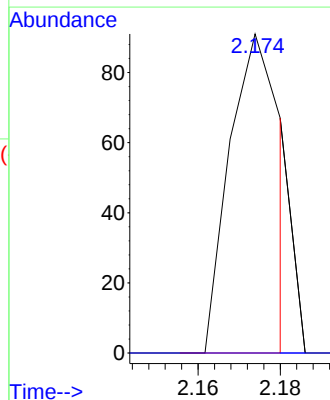
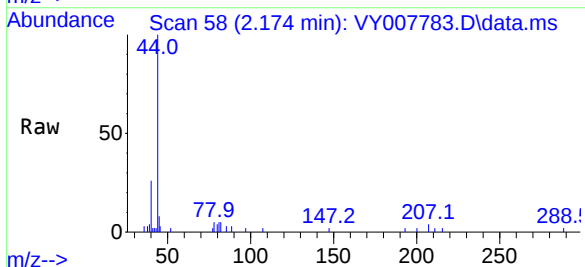


Tgt Ion:168 Resp: 101634
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3

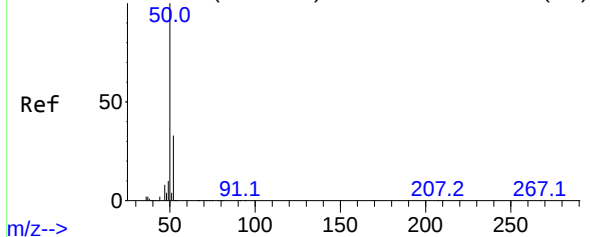


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.174 min Scan# 58
Delta R.T. 0.268 min
Lab File: VY007783.D
Acq: 08 Mar 2022 16:28

Tgt Ion: 85 Resp: 80
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY007783.D

Acq: 08 Mar 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

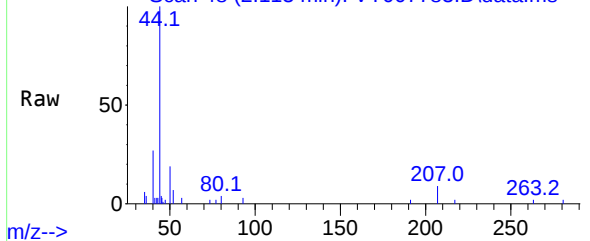
Tgt Ion: 50 Resp: 918

Ion Ratio Lower Upper

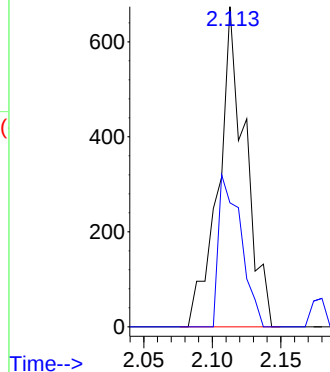
50 100

52 38.7 24.6 37.0#

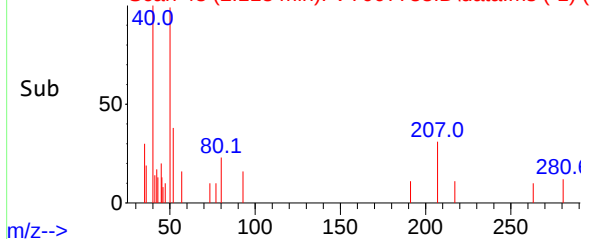
Abundance Scan 48 (2.113 min): VY007783.D\data.ms



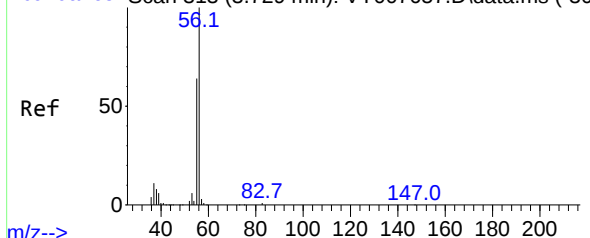
Abundance



Abundance Scan 48 (2.113 min): VY007783.D\data.ms (-1)



Abundance Scan 313 (3.729 min): VY007657.D\data.ms (-30)



#13

Acrolein

Concen: Below Cal

RT: 3.655 min Scan# 301

Delta R.T. -0.074 min

Lab File: VY007783.D

Acq: 08 Mar 2022 16:28

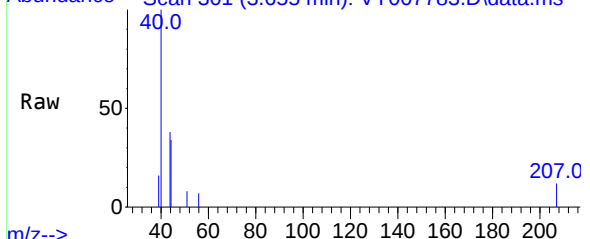
Tgt Ion: 56 Resp: 19

Ion Ratio Lower Upper

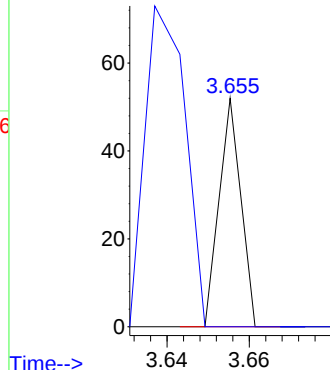
56 100

55 257.9 57.6 86.4#

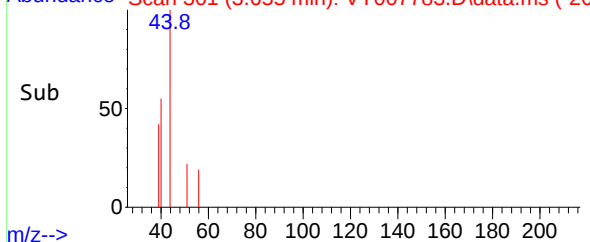
Abundance Scan 301 (3.655 min): VY007783.D\data.ms

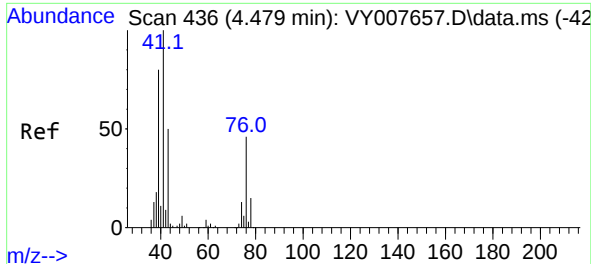


Abundance



Abundance Scan 301 (3.655 min): VY007783.D\data.ms (-26)





#18

Methyl Acetate

Concen: Below Cal

RT: 4.411 min Scan# 41

Delta R.T. -0.068 min

Lab File: VY007783.D

Acq: 08 Mar 2022 16:28

Instrument :

MSVOA_Y

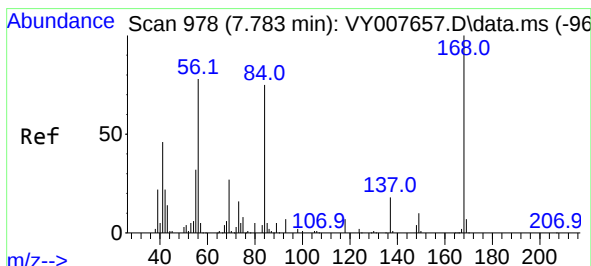
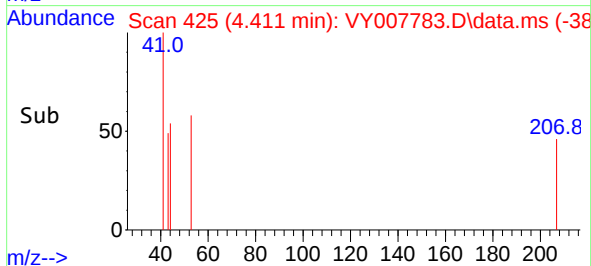
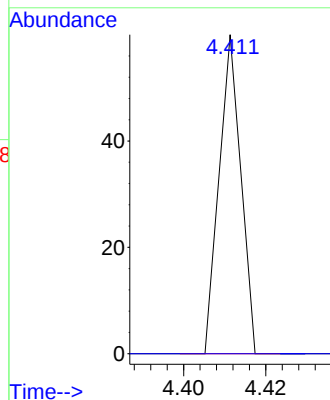
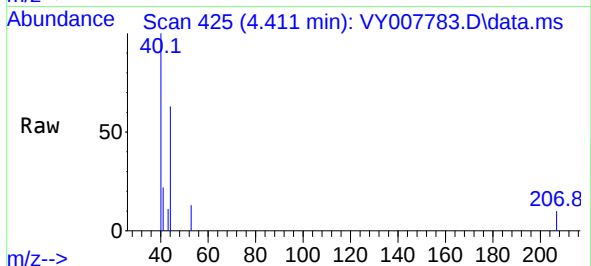
ClientSampleId :

Tgt Ion: 43 Resp: 22

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#31

Cyclohexane

Concen: Below Cal

RT: 7.795 min Scan# 980

Delta R.T. 0.012 min

Lab File: VY007783.D

Acq: 08 Mar 2022 16:28

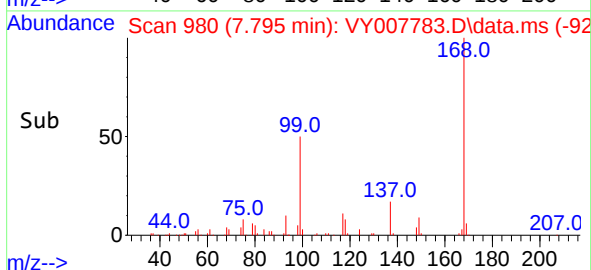
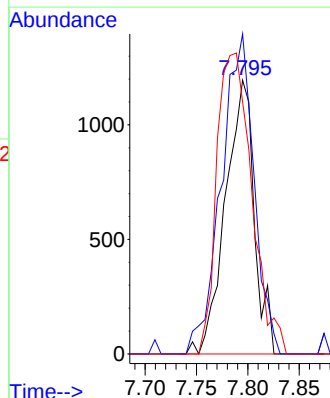
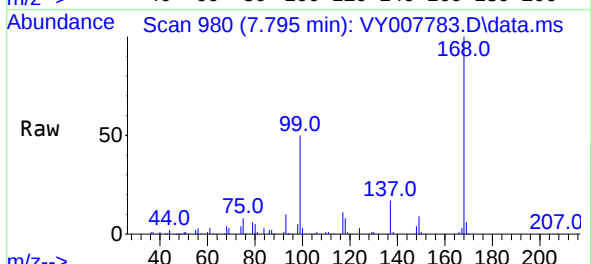
Tgt Ion: 56 Resp: 2326

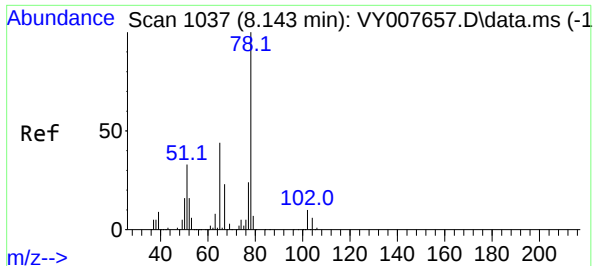
Ion Ratio Lower Upper

56 100

69 116.9 26.7 40.1#

84 92.1 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 47.715 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY007783.D

Acq: 08 Mar 2022 16:28

Instrument :

MSVOA_Y

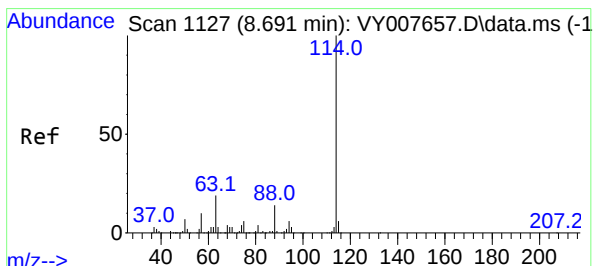
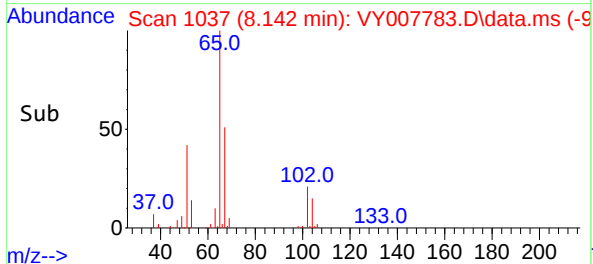
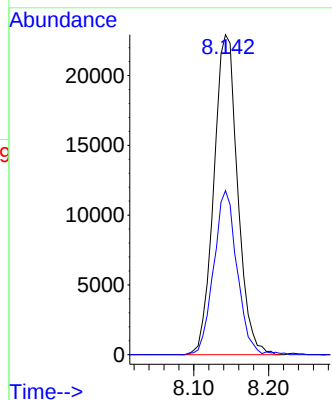
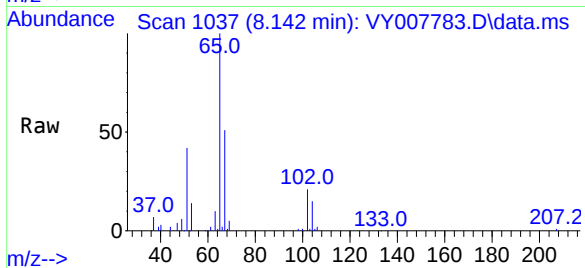
ClientSampleId :

Tgt Ion: 65 Resp: 50769

Ion Ratio Lower Upper

65 100

67 50.4 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: VY007783.D

Acq: 08 Mar 2022 16:28

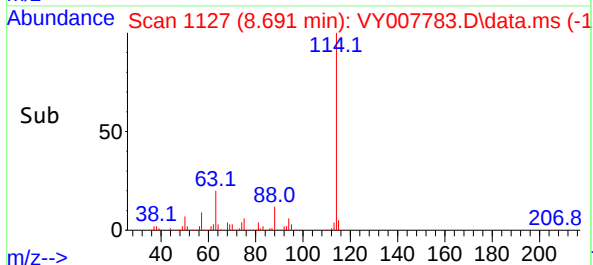
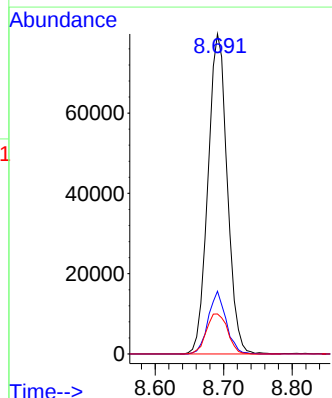
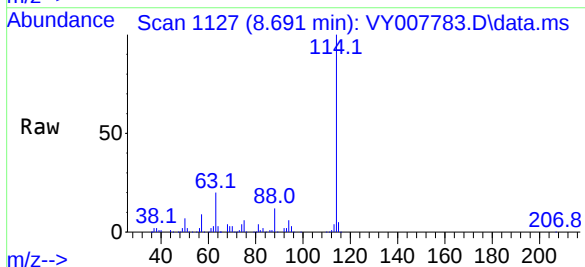
Tgt Ion: 114 Resp: 155984

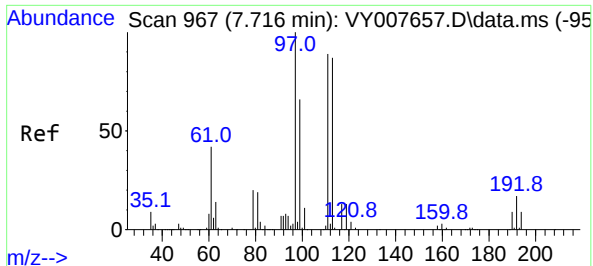
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

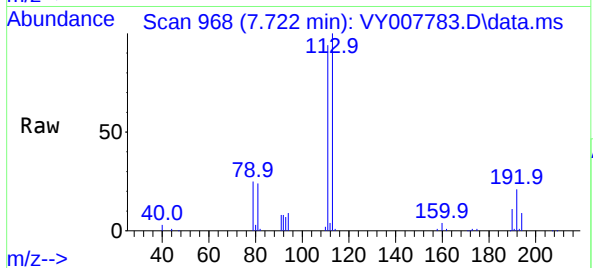
88 12.5 0.0 31.8



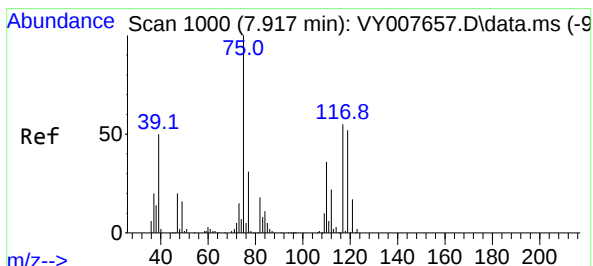
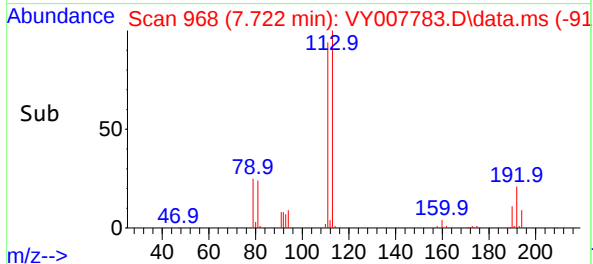
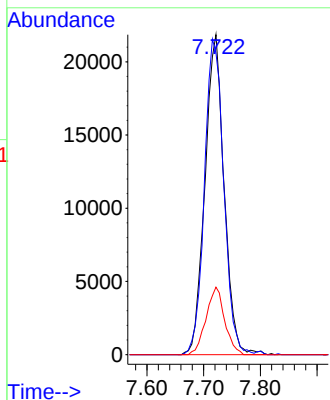


#35
 Dibromofluoromethane
 Concen: 51.441 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY007783.D
 Acq: 08 Mar 2022 16:28

Instrument :
 MSVOA_Y
 ClientSampleId :

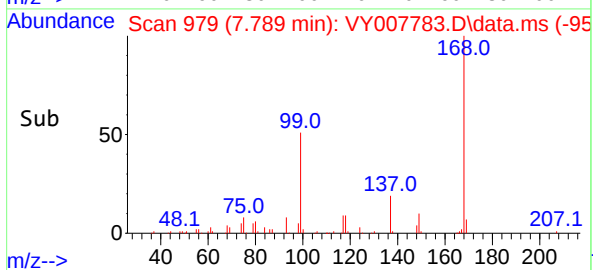
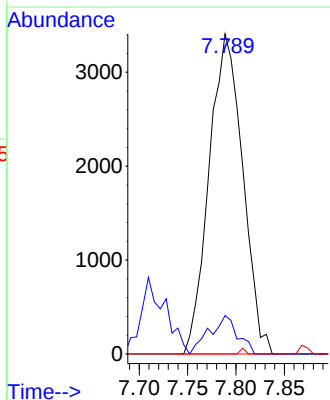
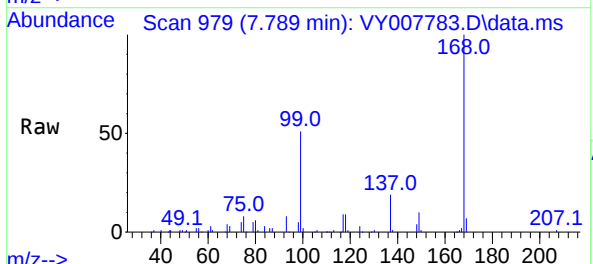


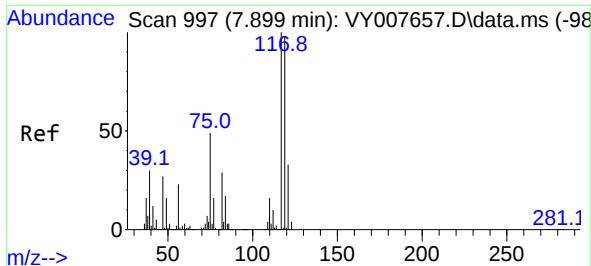
Tgt Ion:113 Resp: 51300
 Ion Ratio Lower Upper
 113 100
 111 99.3 82.6 124.0
 192 20.5 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 5.254 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.128 min
 Lab File: VY007783.D
 Acq: 08 Mar 2022 16:28

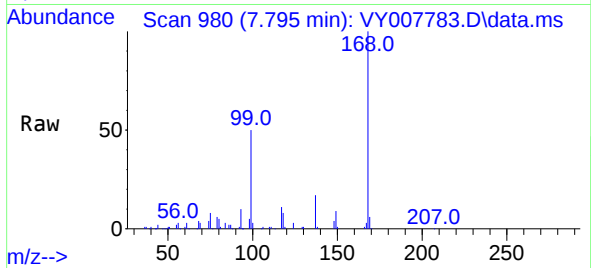
Tgt Ion: 75 Resp: 8243
 Ion Ratio Lower Upper
 75 100
 110 10.0 17.1 51.2#
 77 0.3 24.4 36.6#



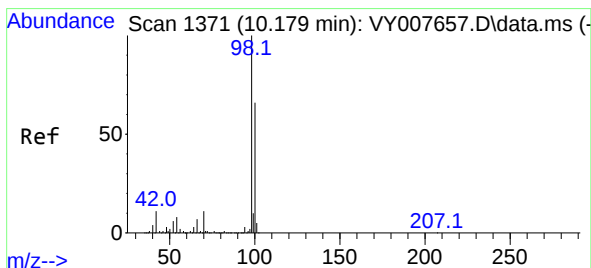
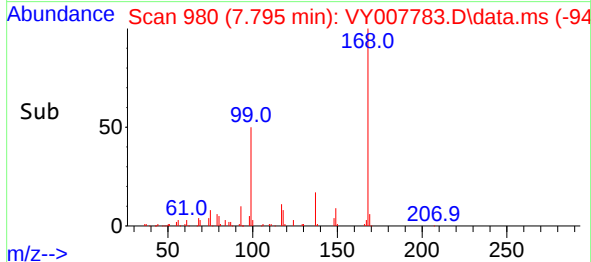
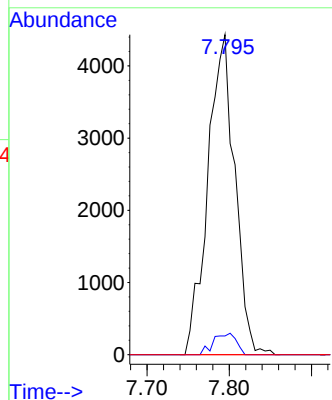


#38
Carbon Tetrachloride
Concen: 6.052 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007783.D
Acq: 08 Mar 2022 16:28

Instrument :
MSVOA_Y
ClientSampleId :

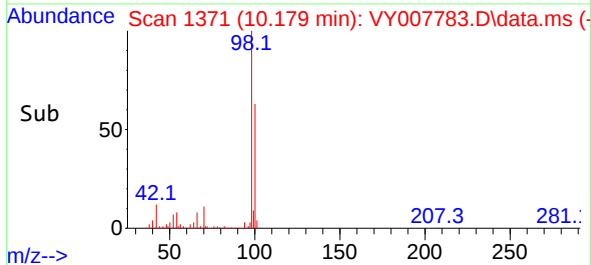
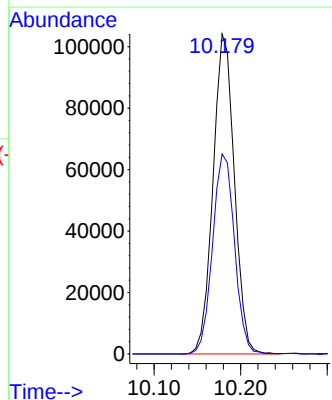
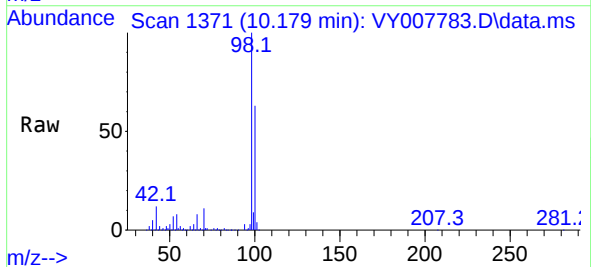


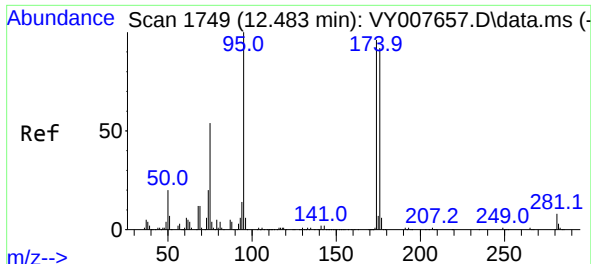
Tgt Ion:117 Resp: 10128
Ion Ratio Lower Upper
117 100
119 5.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.488 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007783.D
Acq: 08 Mar 2022 16:28

Tgt Ion: 98 Resp: 177997
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

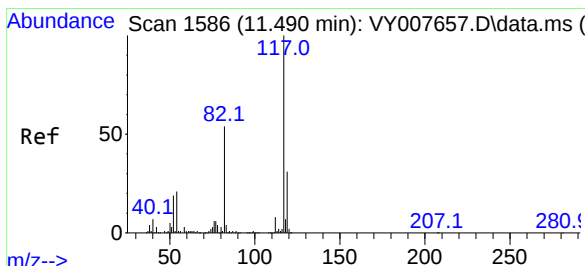
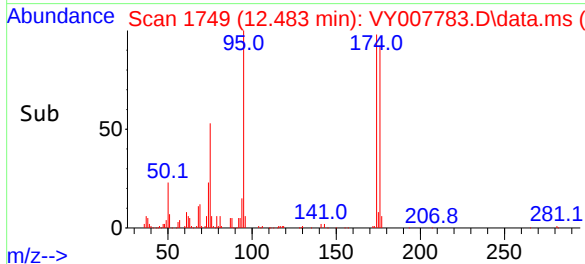
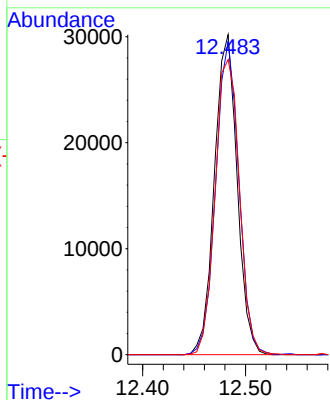
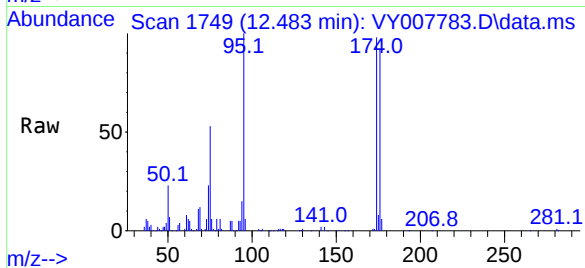




#62
4-Bromofluorobenzene
Concen: 39.006 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007783.D
Acq: 08 Mar 2022 16:28

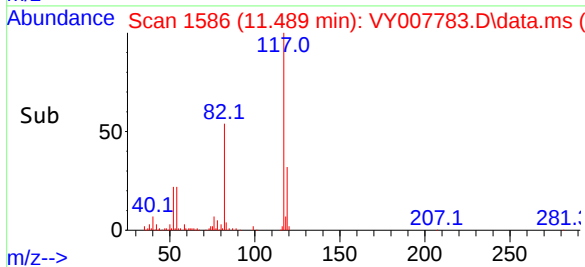
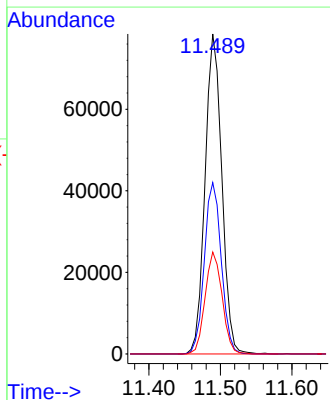
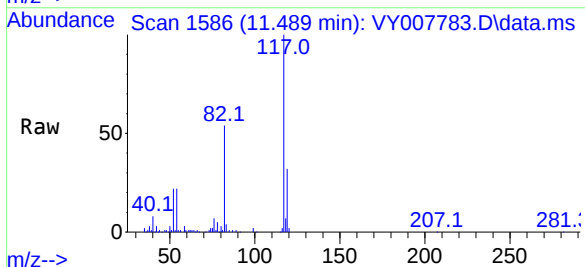
Instrument :
MSVOA_Y
ClientSampleId :

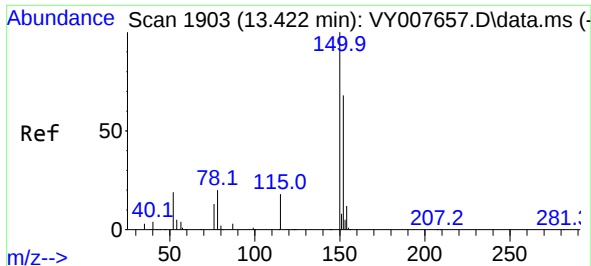
Tgt Ion: 95 Resp: 46156
Ion Ratio Lower Upper
95 100
174 99.5 0.0 177.0
176 99.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007783.D
Acq: 08 Mar 2022 16:28

Tgt Ion: 117 Resp: 127631
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 31.8 25.4 38.0

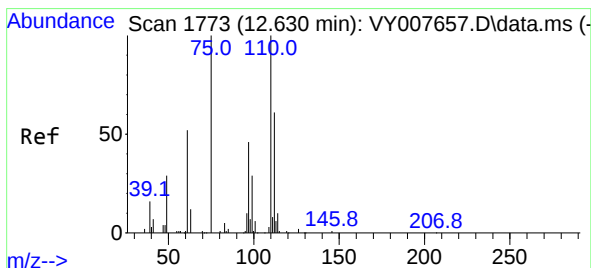
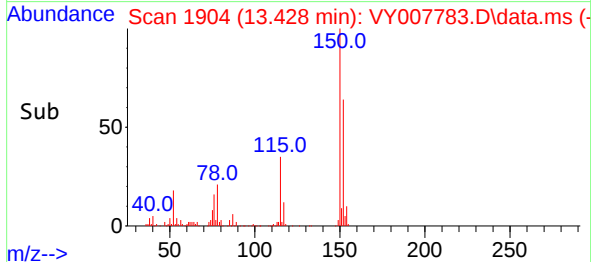
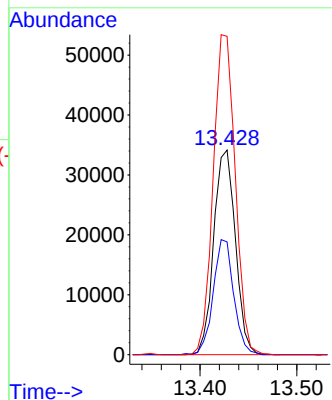
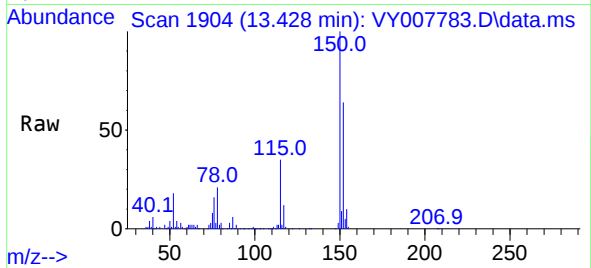




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007783.D
 Acq: 08 Mar 2022 16:28

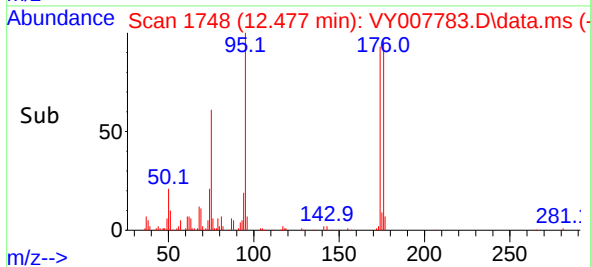
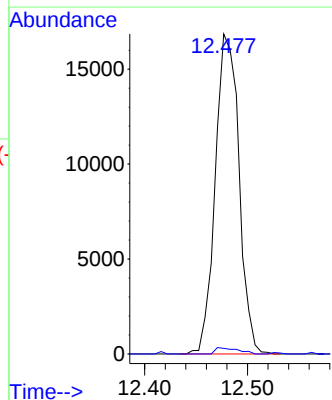
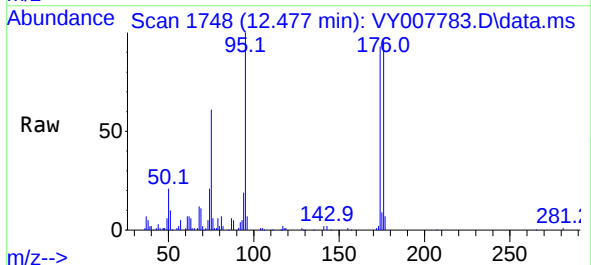
Instrument :
 MSVOA_Y
 ClientSampleId :

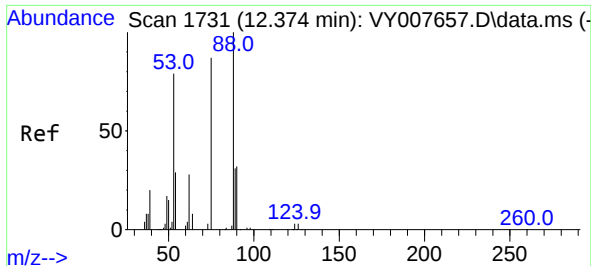
Tgt Ion:152 Resp: 53178
 Ion Ratio Lower Upper
 152 100
 115 53.4 28.2 84.7
 150 159.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.348 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY007783.D
 Acq: 08 Mar 2022 16:28

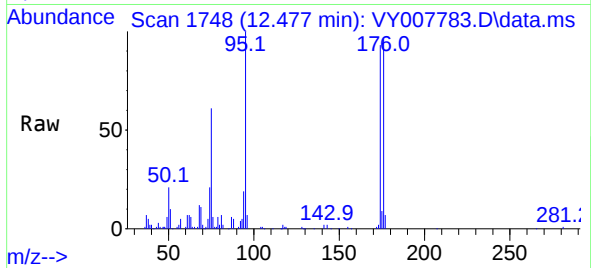
Tgt Ion: 75 Resp: 26931
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.708 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007783.D
 Acq: 08 Mar 2022 16:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 26931
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.2 37.0 55.4#

