

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022323\
 Data File : VY012701.D
 Acq On : 23 Feb 2023 12:20
 Operator : KP/MD
 Sample : 01654-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UGT

Quant Time: Feb 23 23:53:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	116930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	214886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	212128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94934	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76006	55.037	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.080%
35) Dibromofluoromethane	7.716	113	72179	49.730	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.460%
50) Toluene-d8	10.179	98	262473	48.270	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.540%
62) 4-Bromofluorobenzene	12.483	95	88735	50.995	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.000%

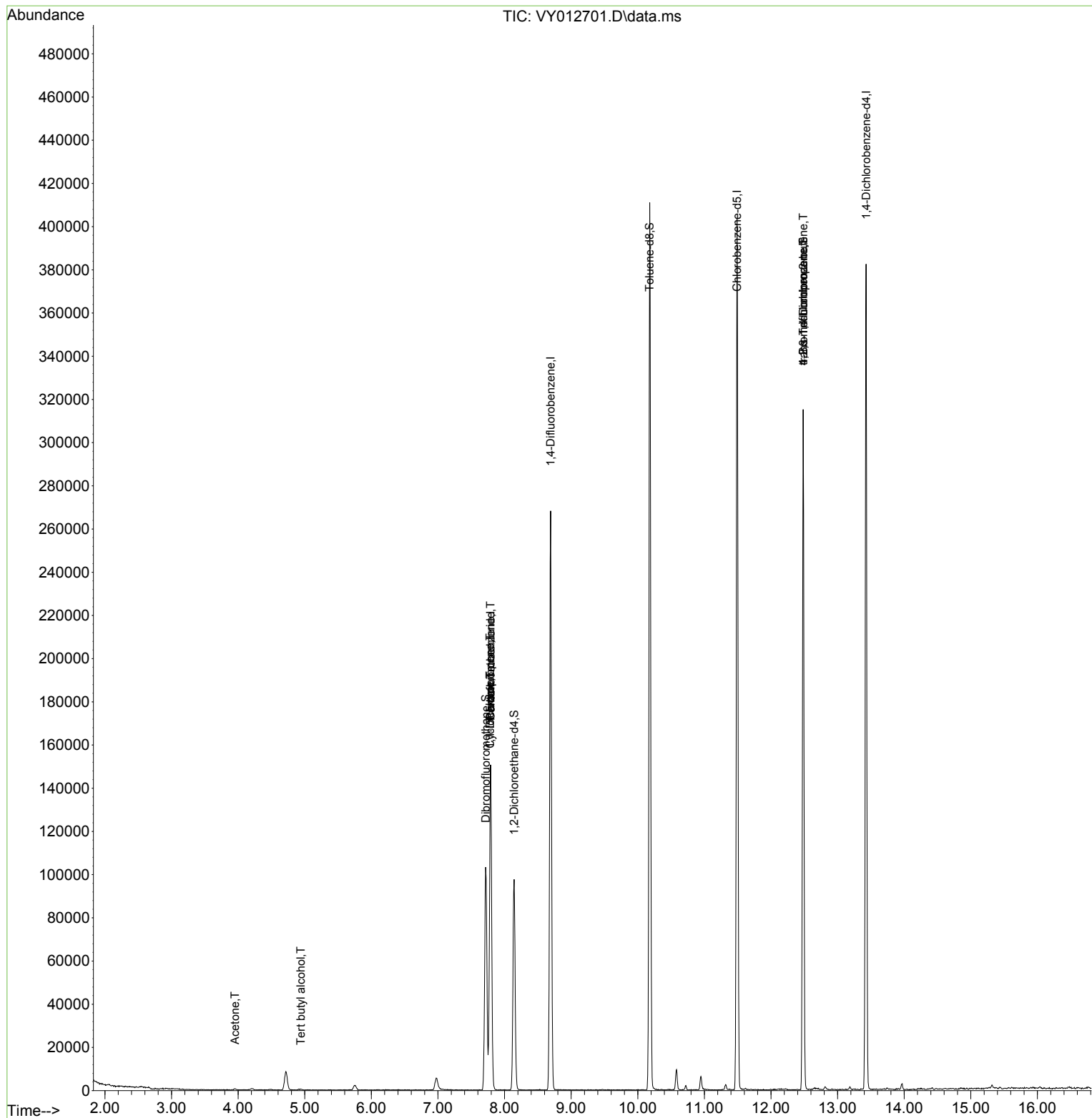
Target Compounds					Qvalue	
3) Chloromethane	2.113	50	305	Below Cal	#	82
11) Tert butyl alcohol	4.942	59	486	3.217	ug/l #	74
16) Acetone	3.954	43	827	1.835	ug/l	98
20) Methylene Chloride	4.716	84	6026	Below Cal		86
31) Cyclohexane	7.783	56	2529	1.054	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	9362	4.069	ug/l #	49
38) Carbon Tetrachloride	7.789	117	11204	4.710	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	47407	40.056	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47407	84.859	ug/l #	9

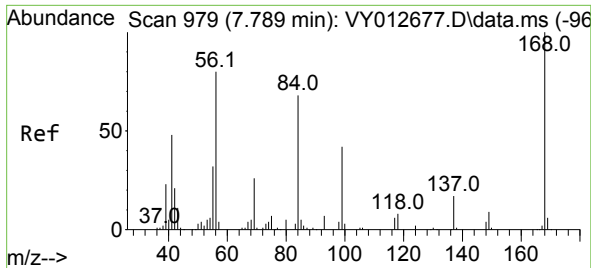
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 22 01:21:05 2023
Response via : Initial Calibration

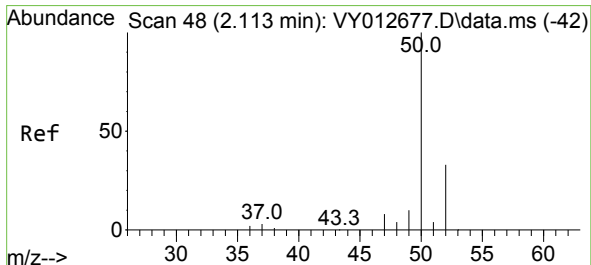
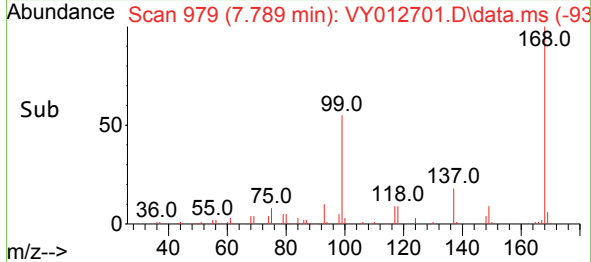
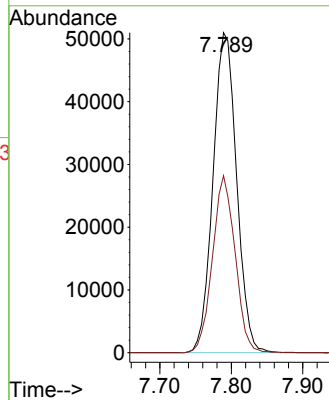
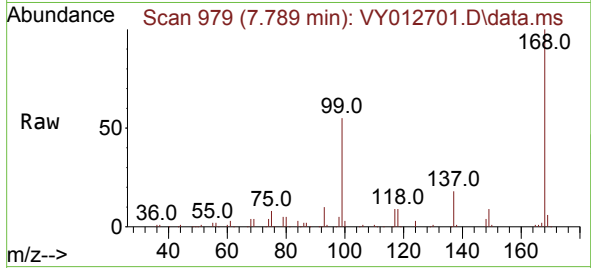




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012701.D
Acq: 23 Feb 2023 12:20

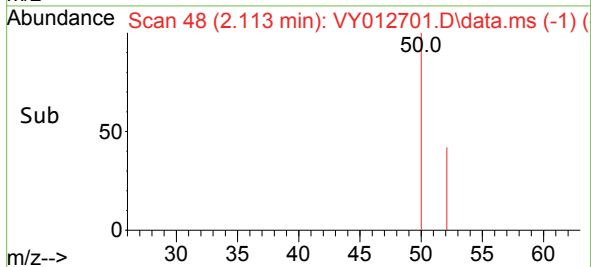
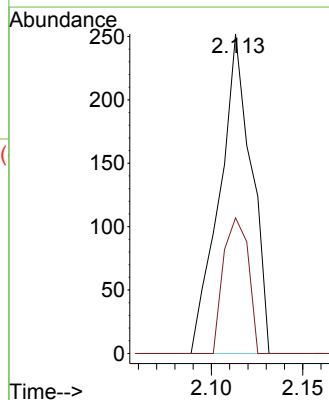
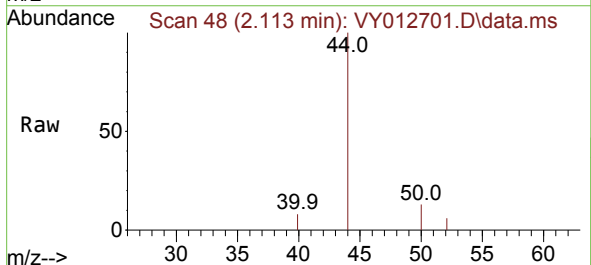
Instrument :
MSVOA_Y
ClientSampleId :
UGT

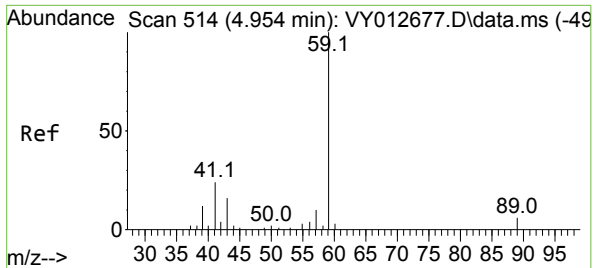
Tgt Ion:168 Resp: 116930
Ion Ratio Lower Upper
168 100
99 55.3 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012701.D
Acq: 23 Feb 2023 12:20

Tgt Ion: 50 Resp: 305
Ion Ratio Lower Upper
50 100
52 42.5 26.1 39.1#

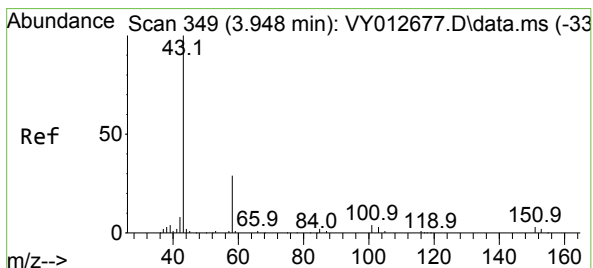
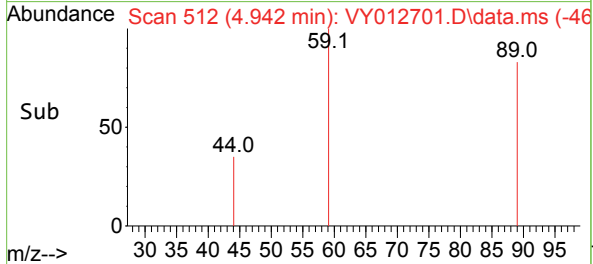
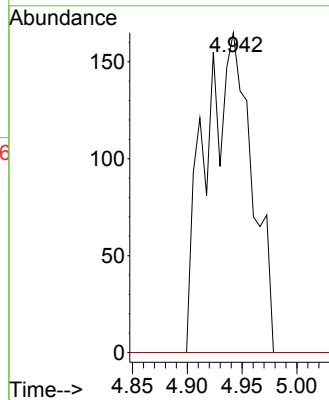
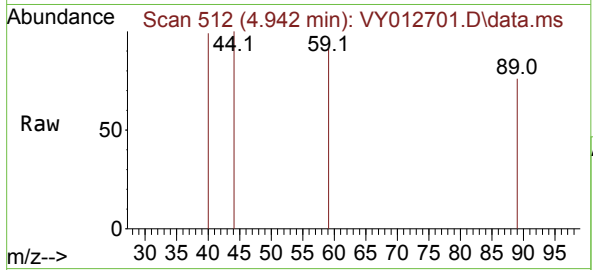




#11
Tert butyl alcohol
Concen: 3.217 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY012701.D
Acq: 23 Feb 2023 12:20

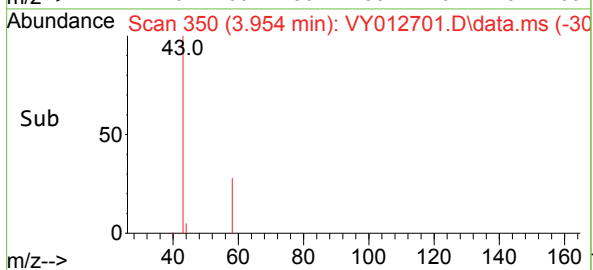
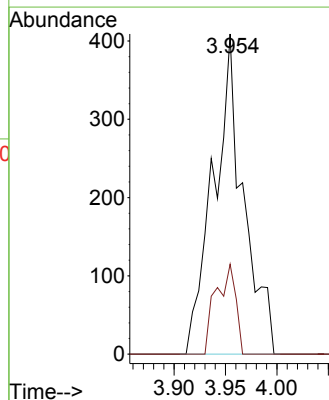
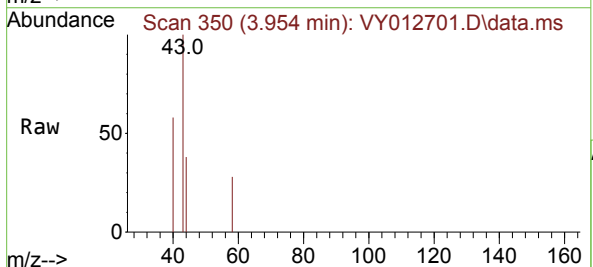
Instrument :
MSVOA_Y
ClientSampleId :
UGT

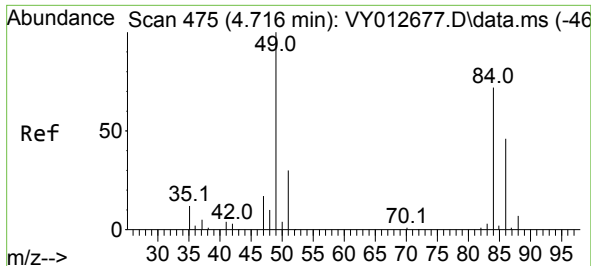
Tgt Ion: 59 Resp: 486
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#16
Acetone
Concen: 1.835 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY012701.D
Acq: 23 Feb 2023 12:20

Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
58 28.1 23.3 34.9





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY012701.D

Acq: 23 Feb 2023 12:20

Instrument :

MSVOA_Y

ClientSampleId :

UGT

Tgt Ion: 84 Resp: 6026

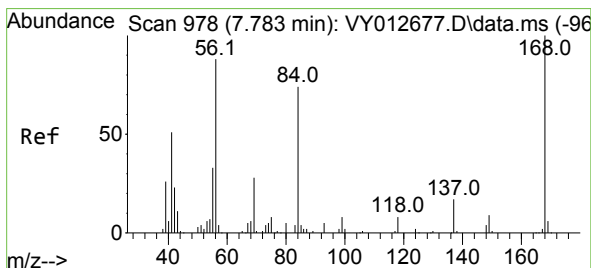
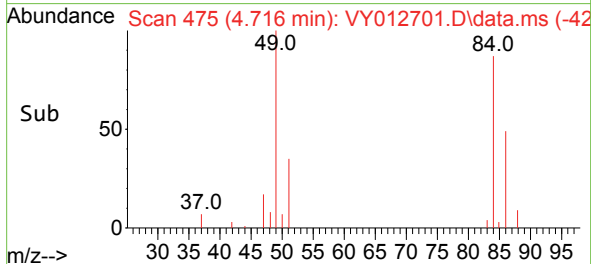
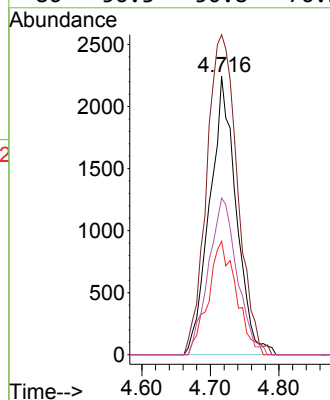
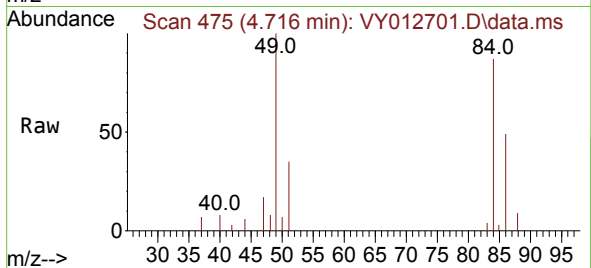
Ion Ratio Lower Upper

84 100

49 115.0 111.1 166.7

51 40.8 33.5 50.3

86 56.3 50.8 76.2



#31

Cyclohexane

Concen: 1.054 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.000 min

Lab File: VY012701.D

Acq: 23 Feb 2023 12:20

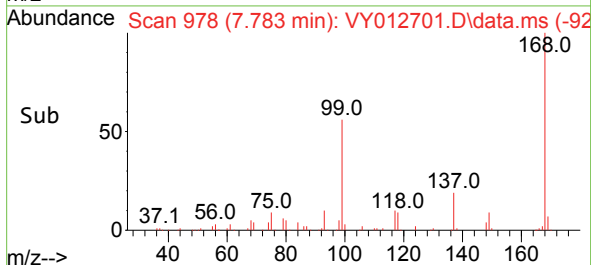
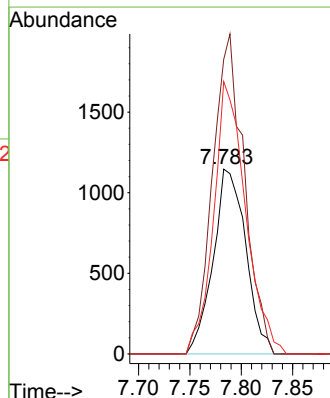
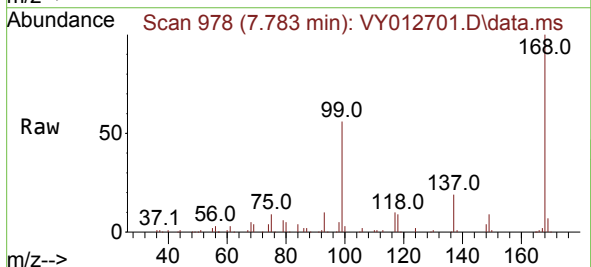
Tgt Ion: 56 Resp: 2529

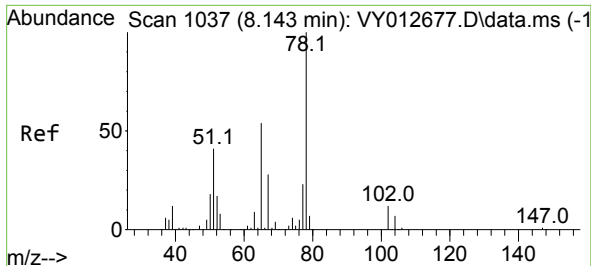
Ion Ratio Lower Upper

56 100

69 159.4 25.4 38.2#

84 147.4 67.3 100.9#

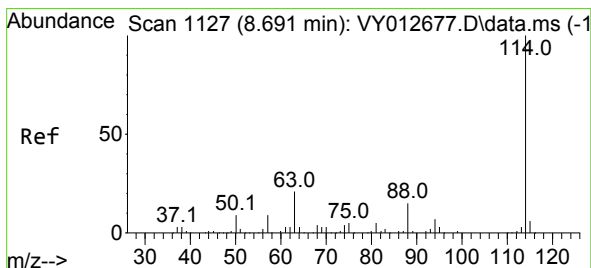
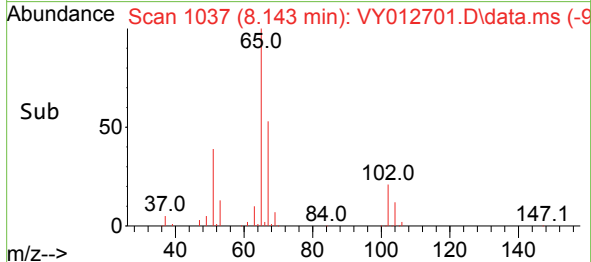
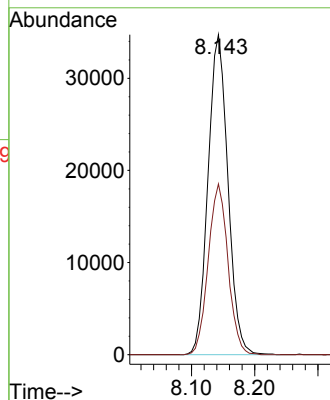
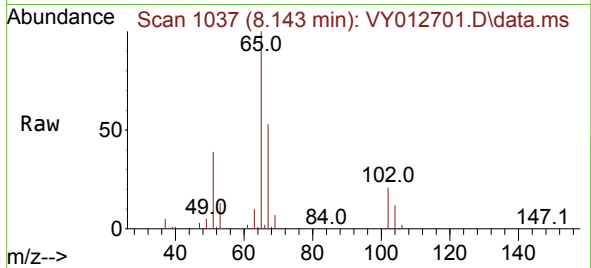




#33
1,2-Dichloroethane-d4
Concen: 55.037 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012701.D
Acq: 23 Feb 2023 12:20

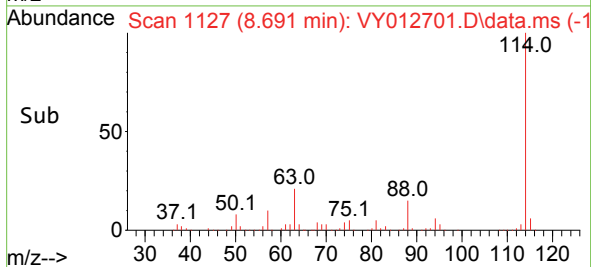
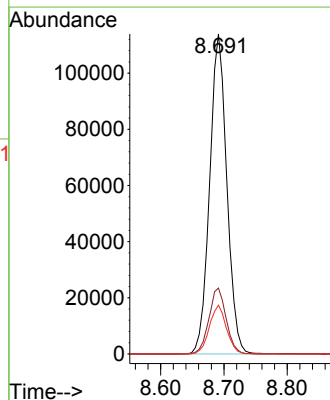
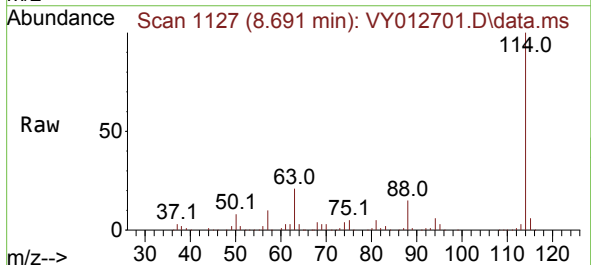
Instrument :
MSVOA_Y
ClientSampleId :
UGT

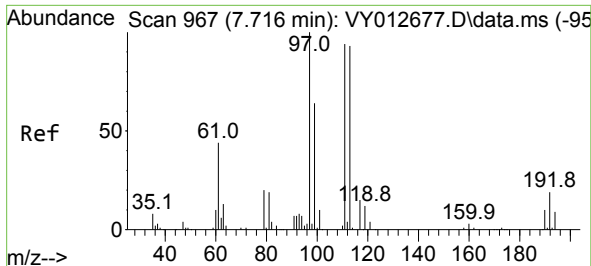
Tgt Ion: 65 Resp: 76006
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012701.D
Acq: 23 Feb 2023 12:20

Tgt Ion:114 Resp: 214886
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.8
88 15.3 0.0 29.6

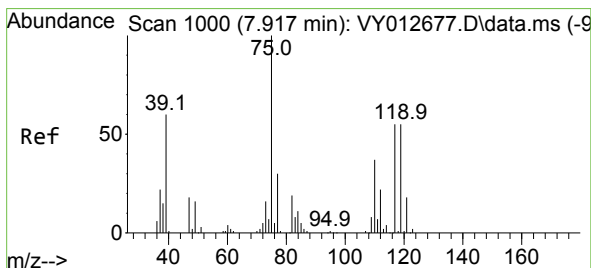
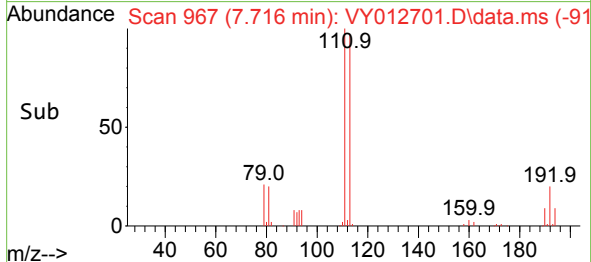
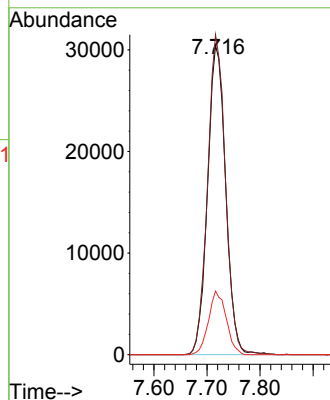
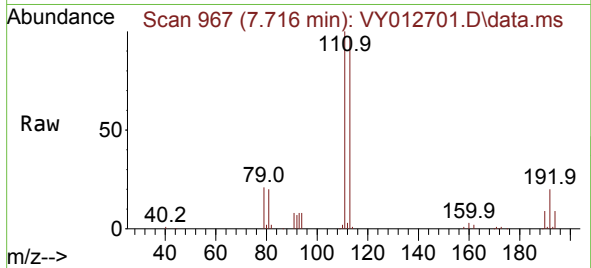




#35
Dibromofluoromethane
Concen: 49.730 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012701.D
Acq: 23 Feb 2023 12:20

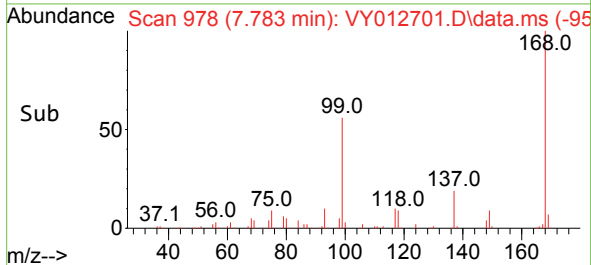
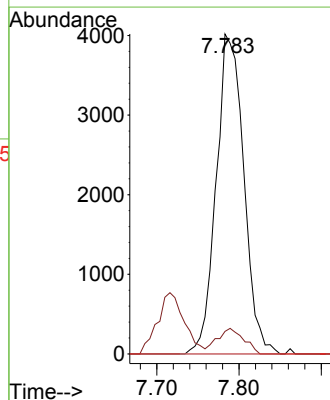
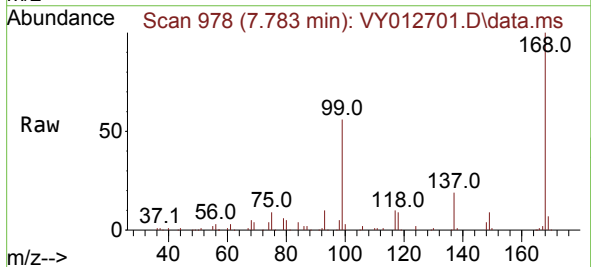
Instrument :
MSVOA_Y
ClientSampleId :
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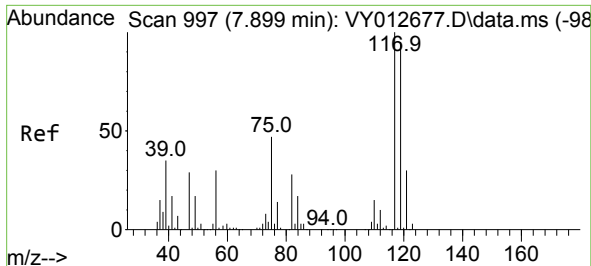
Tgt Ion:113 Resp: 72179
Ion Ratio Lower Upper
113 100
111 102.5 82.0 123.0
192 20.2 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.069 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012701.D
Acq: 23 Feb 2023 12:20

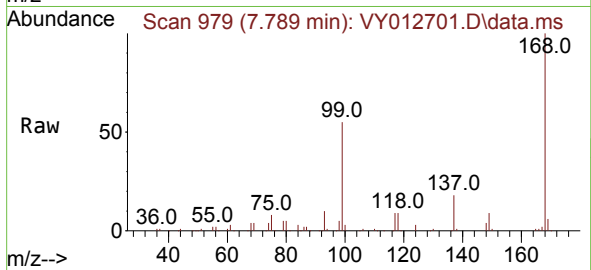
Tgt Ion: 75 Resp: 9362
Ion Ratio Lower Upper
75 100
110 7.7 17.6 52.8#
77 0.0 24.6 37.0#



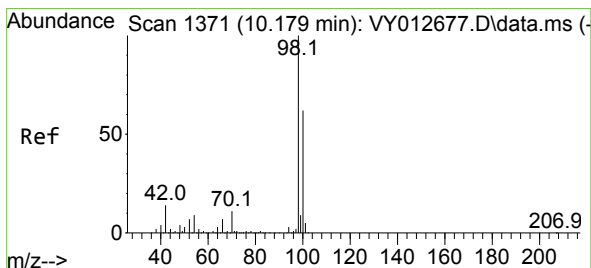
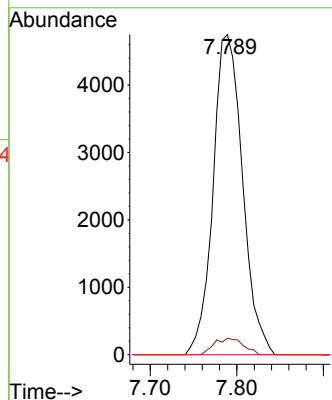
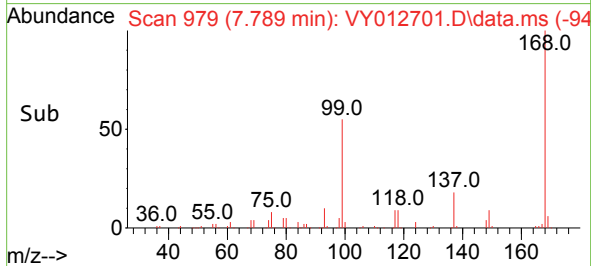


#38
Carbon Tetrachloride
Concen: 4.710 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012701.D
Acq: 23 Feb 2023 12:20

Instrument :
MSVOA_Y
ClientSampleId :
UGT

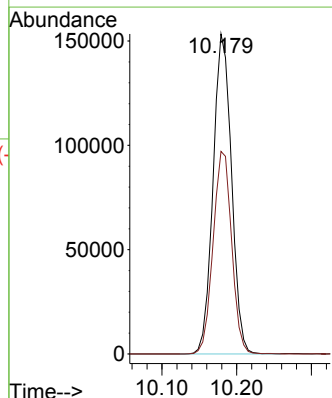
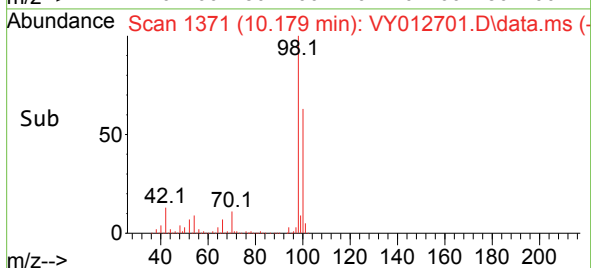
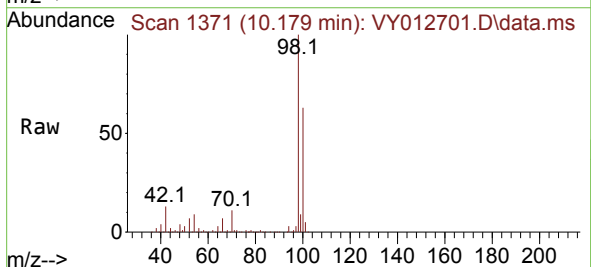


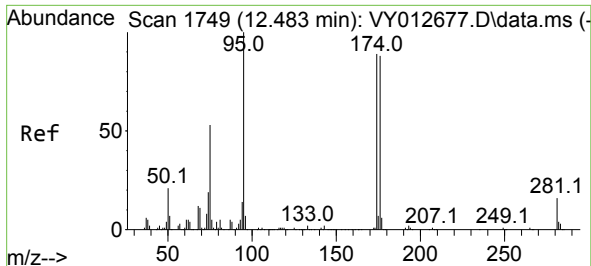
Tgt Ion:117 Resp: 11204
Ion Ratio Lower Upper
117 100
119 5.1 75.5 113.3#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 48.270 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012701.D
Acq: 23 Feb 2023 12:20

Tgt Ion: 98 Resp: 262473
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8

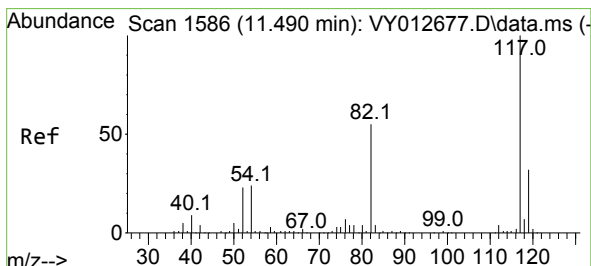
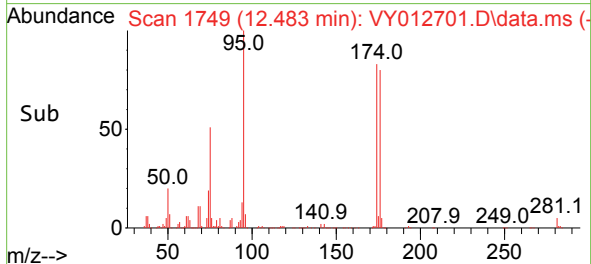
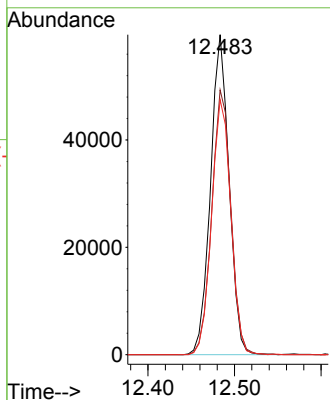
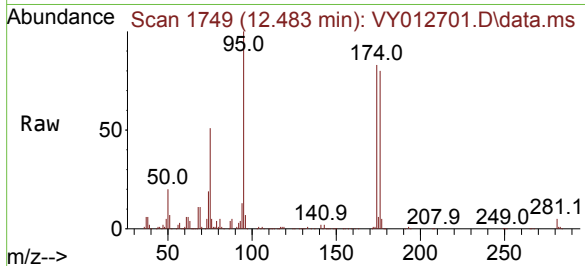




#62
4-Bromofluorobenzene
Concen: 50.995 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012701.D
Acq: 23 Feb 2023 12:20

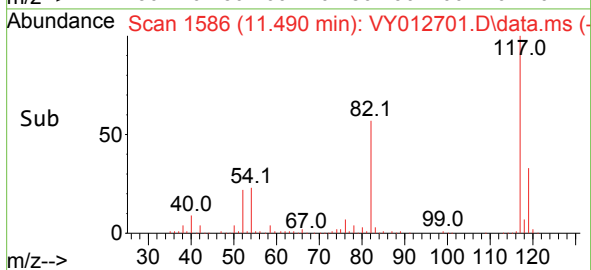
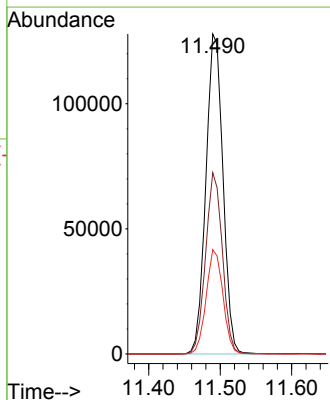
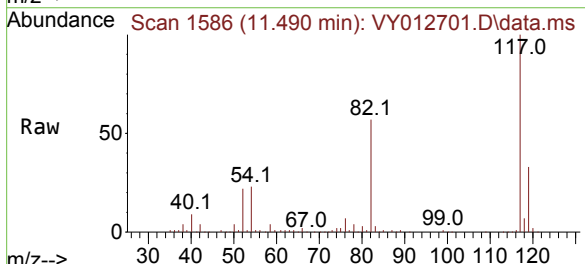
Instrument :
MSVOA_Y
ClientSampleId :
UGT

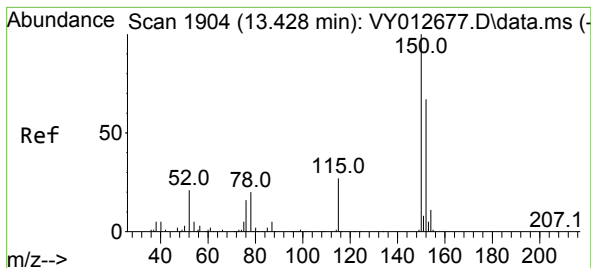
Tgt Ion:	95	Resp:	88735
Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	172.8
176	82.6	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012701.D
Acq: 23 Feb 2023 12:20

Tgt Ion:	117	Resp:	212128
Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.1	66.1
119	32.6	25.5	38.3

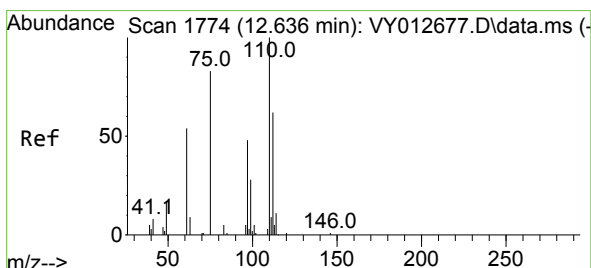
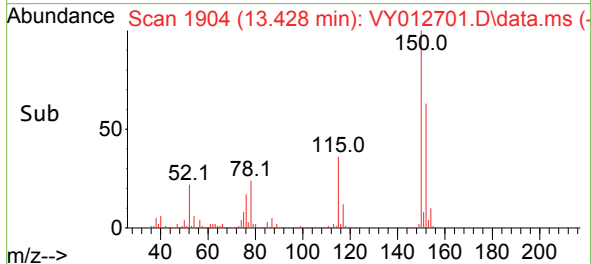
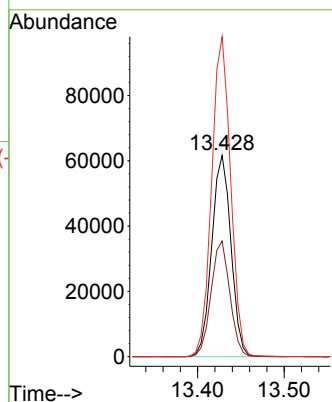
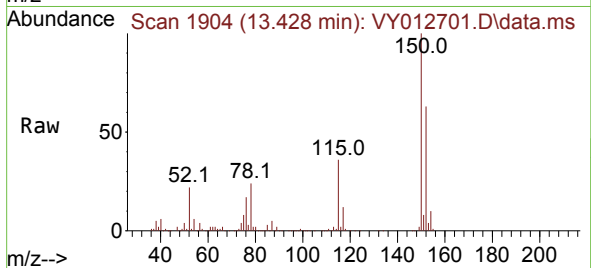




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012701.D
 Acq: 23 Feb 2023 12:20

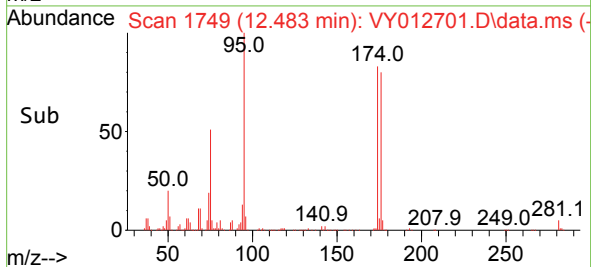
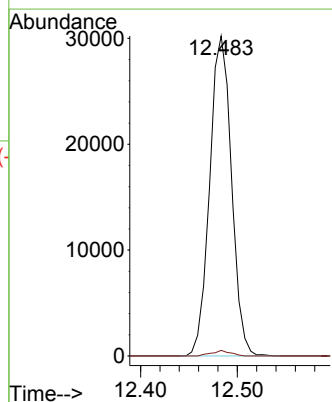
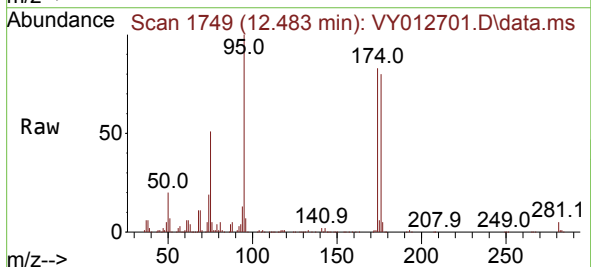
Instrument :
 MSVOA_Y
 ClientSampleId :
 UGT

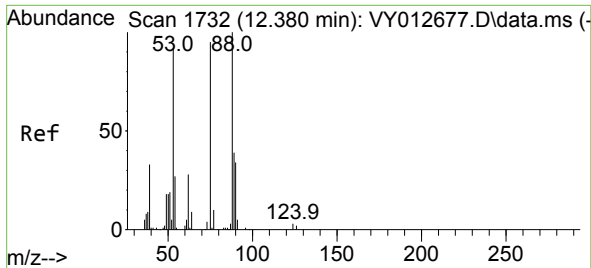
Tgt Ion:152 Resp: 94934
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.7 86.3
 150 157.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.056 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY012701.D
 Acq: 23 Feb 2023 12:20

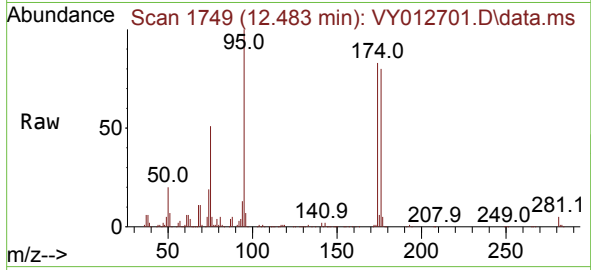
Tgt Ion: 75 Resp: 47407
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.859 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY012701.D
 Acq: 23 Feb 2023 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 UGT



Tgt Ion: 75 Resp: 47407
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.4 120.6#
 89 0.0 36.5 54.7#

