

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030123\
 Data File : VY012747.D
 Acq On : 01 Mar 2023 13:40
 Operator : KP/MD
 Sample : 01727-01
 Misc : 4.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JB-1S

Quant Time: Mar 02 02:04:51 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)

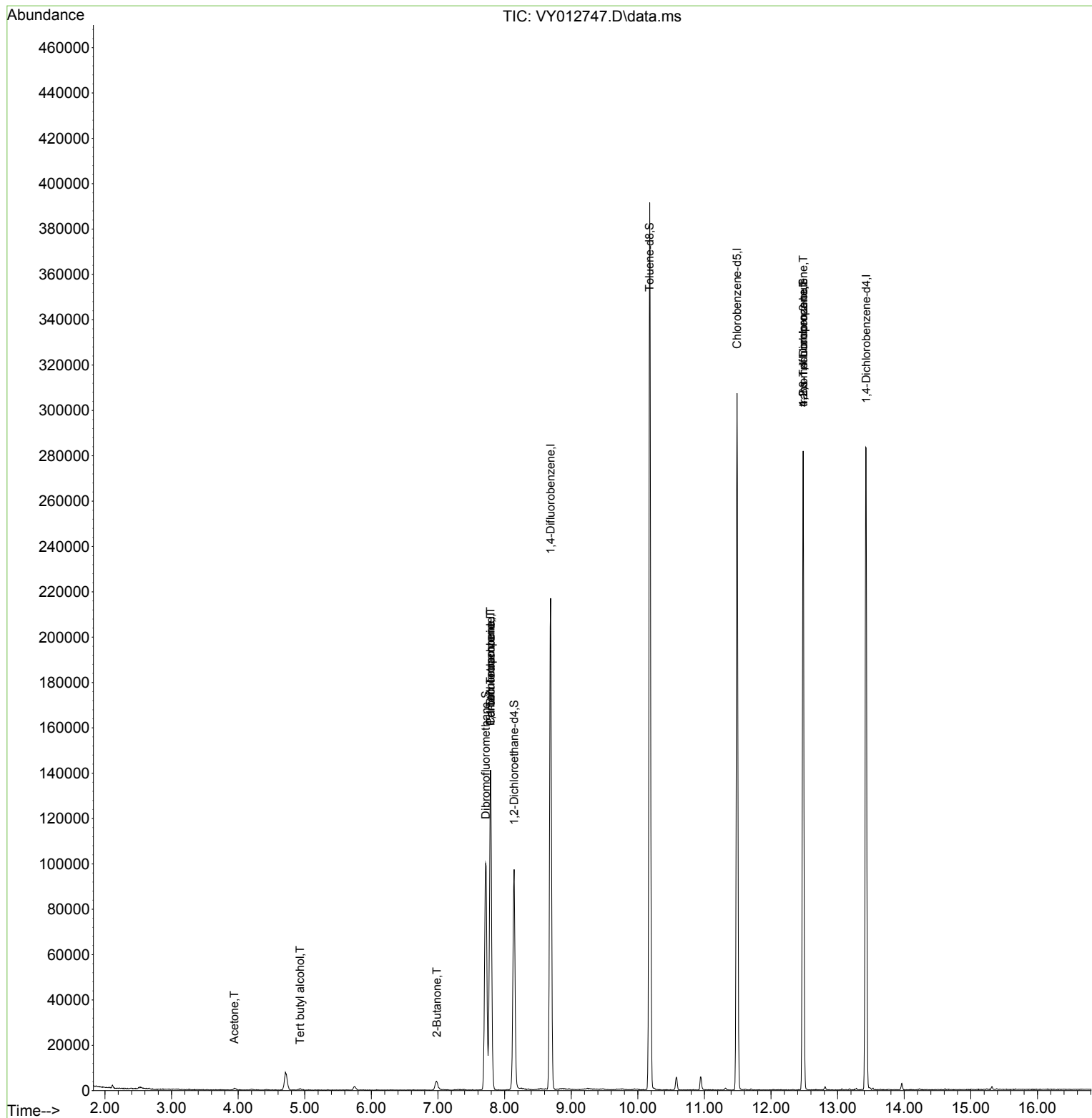
Internal Standards						
1) Pentafluorobenzene	7.789	168	110600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	182547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	159703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72455	55.469	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.940%
35) Dibromofluoromethane	7.716	113	72385	58.707	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.420%
50) Toluene-d8	10.179	98	248684	53.836	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.680%
62) 4-Bromofluorobenzene	12.483	95	79527	53.800	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.600%
Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	1222	Below Cal		99
11) Tert butyl alcohol	4.930	59	600	4.199 ug/l	#	74
16) Acetone	3.942	43	1380	3.238 ug/l	#	83
20) Methylene Chloride	4.710	84	5417	Below Cal		95
25) 2-Butanone	6.984	43	792	1.400 ug/l	#	52
36) 1,1-Dichloropropene	7.789	75	8256	4.224 ug/l	#	49
38) Carbon Tetrachloride	7.789	117	11017	5.452 ug/l	#	17
76) 1,2,3-Trichloropropane	12.483	75	41330	43.865 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41330	92.928 ug/l	#	10

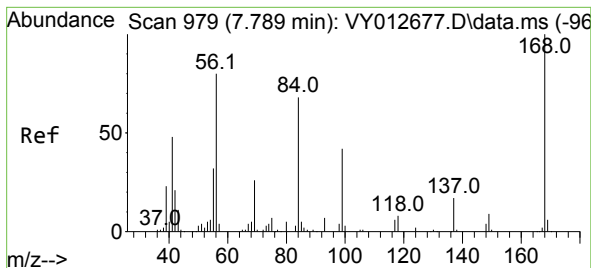
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY012747.D

Acq: 01 Mar 2023 13:40

Instrument :

MSVOA_Y

ClientSampleId :

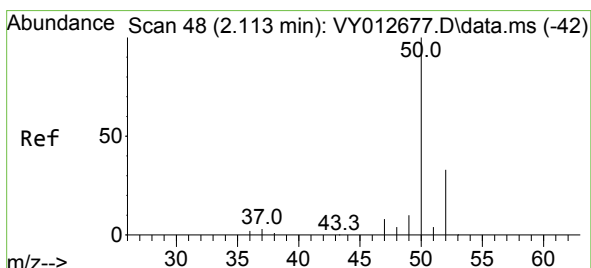
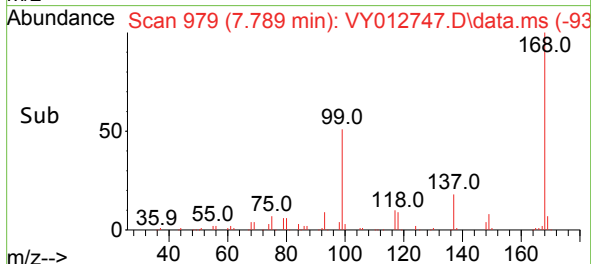
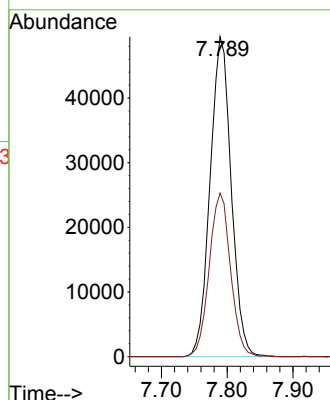
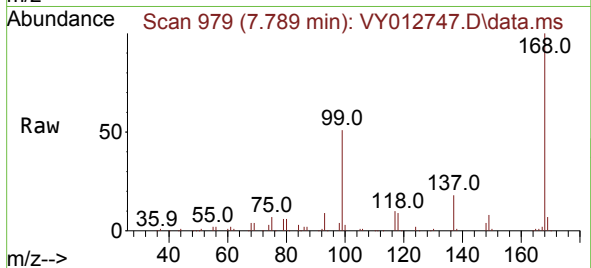
JB-1S

Tgt Ion:168 Resp: 110600

Ion Ratio Lower Upper

168 100

99 51.1 45.4 68.2



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY012747.D

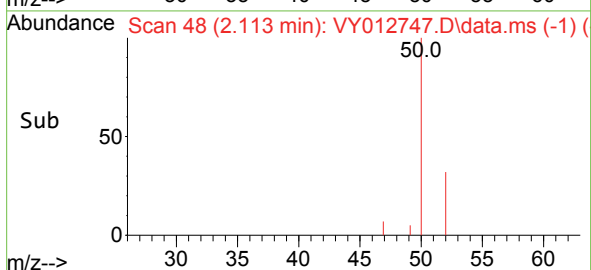
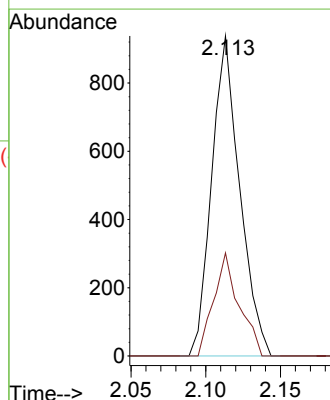
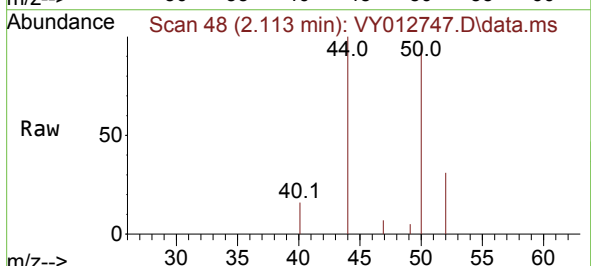
Acq: 01 Mar 2023 13:40

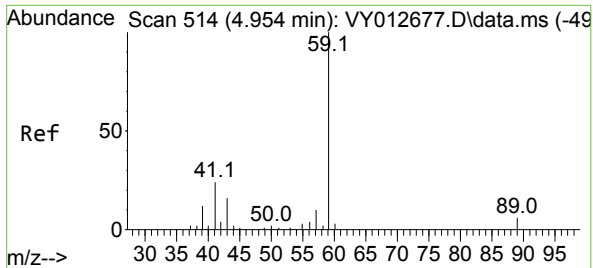
Tgt Ion: 50 Resp: 1222

Ion Ratio Lower Upper

50 100

52 32.2 26.1 39.1

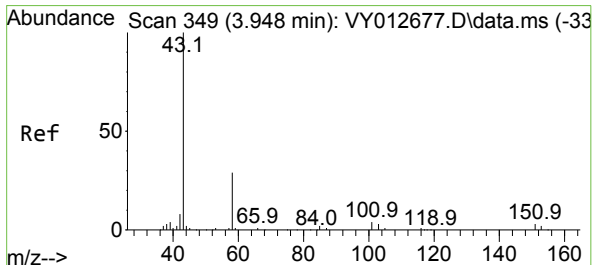
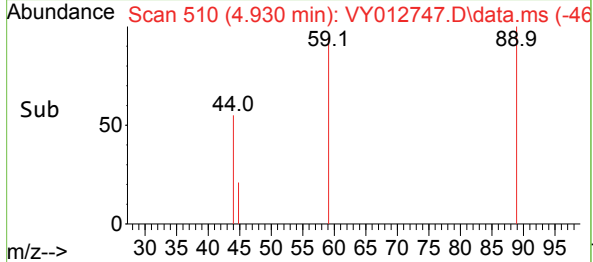
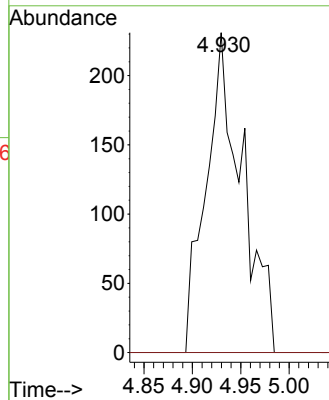
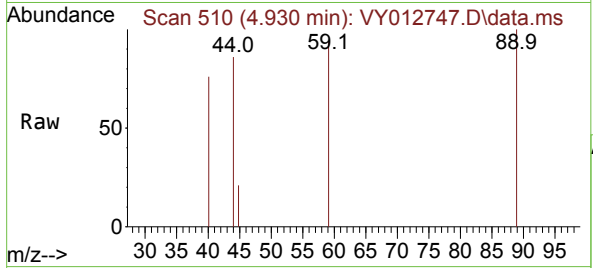




#11
Tert butyl alcohol
Concen: 4.199 ug/l
RT: 4.930 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY012747.D
Acq: 01 Mar 2023 13:40

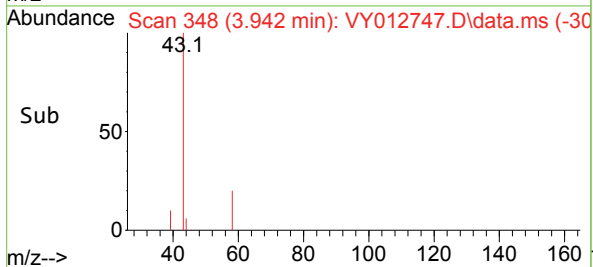
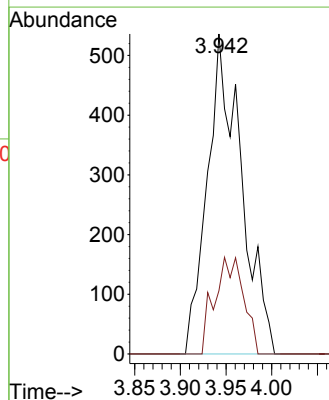
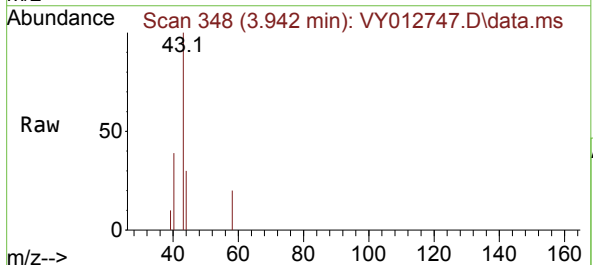
Instrument :
MSVOA_Y
ClientSampleId :
JB-1S

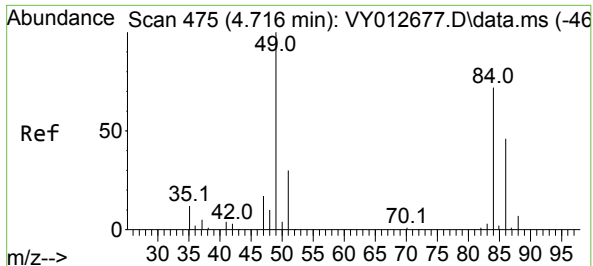
Tgt Ion: 59 Resp: 600
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#16
Acetone
Concen: 3.238 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012747.D
Acq: 01 Mar 2023 13:40

Tgt Ion: 43 Resp: 1380
Ion Ratio Lower Upper
43 100
58 19.8 23.3 34.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY012747.D

Acq: 01 Mar 2023 13:40

Instrument :

MSVOA_Y

ClientSampleId :

JB-1S

Tgt Ion: 84 Resp: 5417

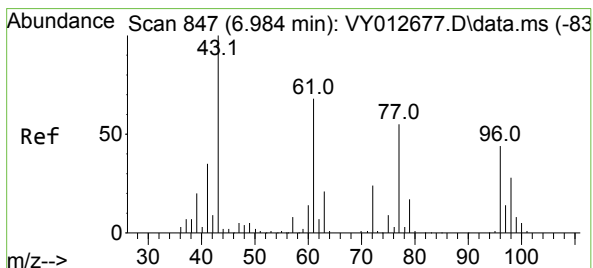
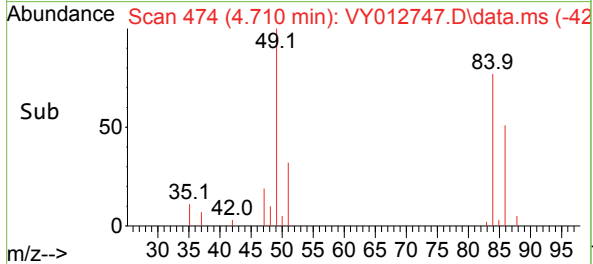
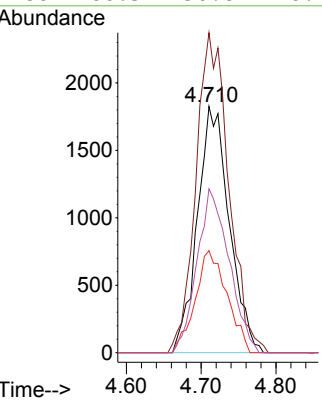
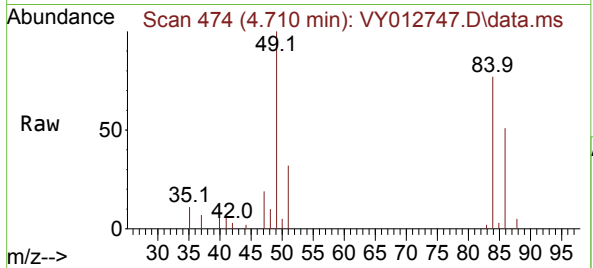
Ion Ratio Lower Upper

84 100

49 130.0 111.1 166.7

51 41.5 33.5 50.3

86 66.5 50.8 76.2



#25

2-Butanone

Concen: 1.400 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012747.D

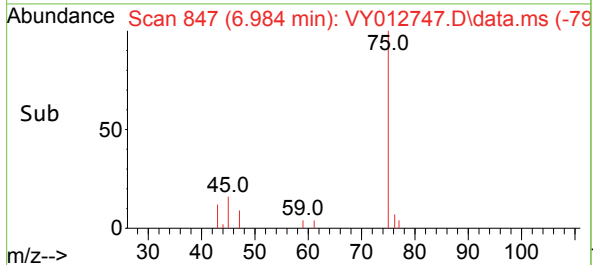
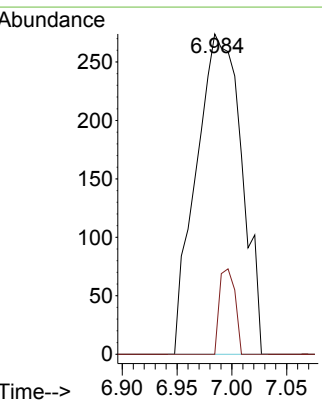
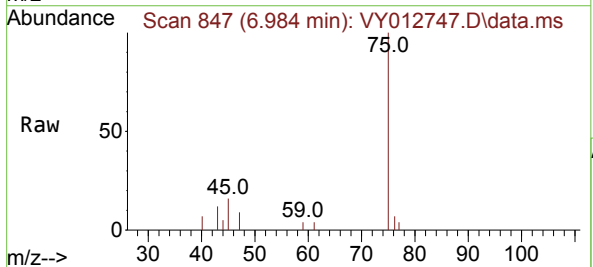
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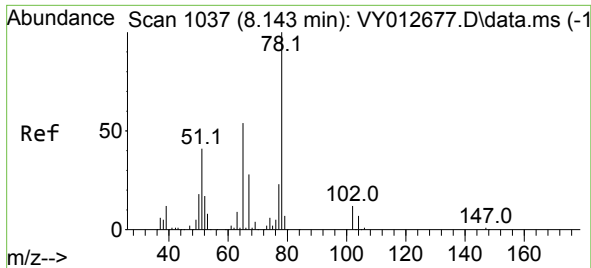
Tgt Ion: 43 Resp: 792

Ion Ratio Lower Upper

43 100

72 0.0 18.8 28.2#

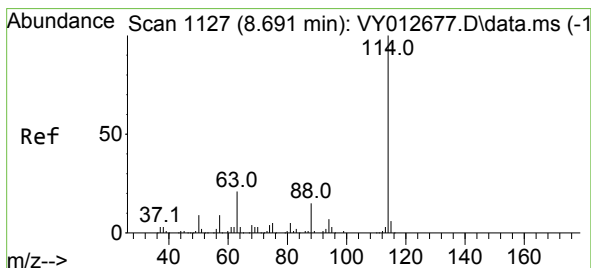
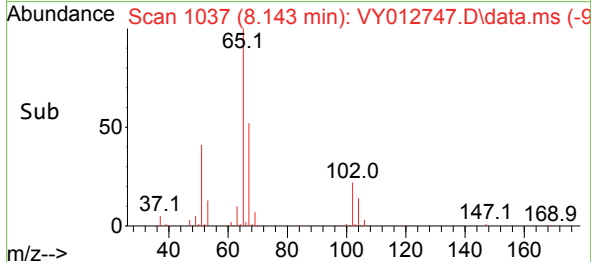
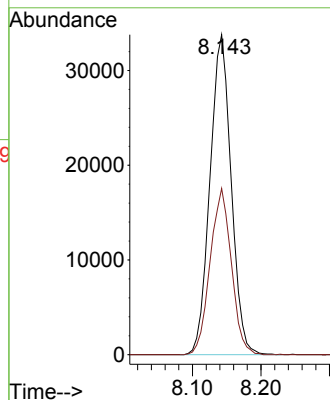
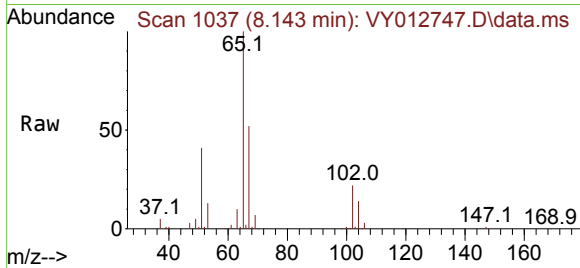




#33
 1,2-Dichloroethane-d4
 Concen: 55.469 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012747.D
 Acq: 01 Mar 2023 13:40

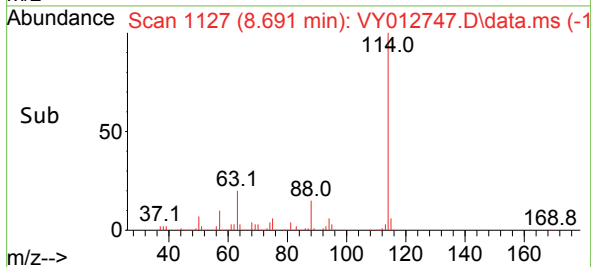
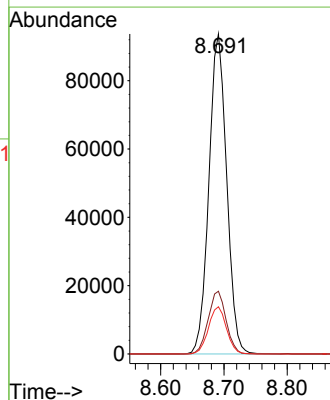
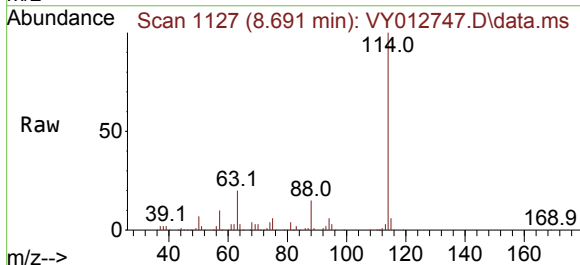
Instrument :
 MSVOA_Y
 ClientSampleId :
 JB-1S

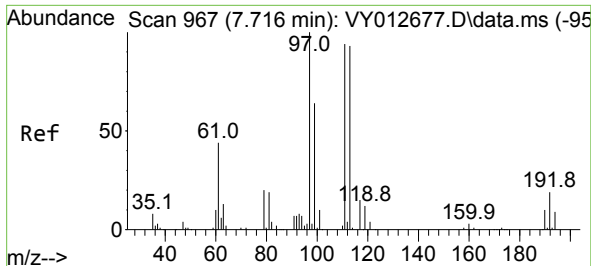
Tgt Ion: 65 Resp: 72455
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012747.D
 Acq: 01 Mar 2023 13:40

Tgt Ion: 114 Resp: 182547
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.8
 88 14.8 0.0 29.6

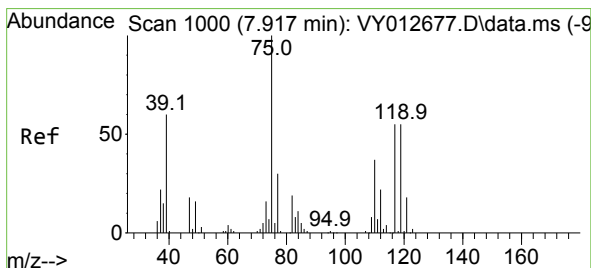
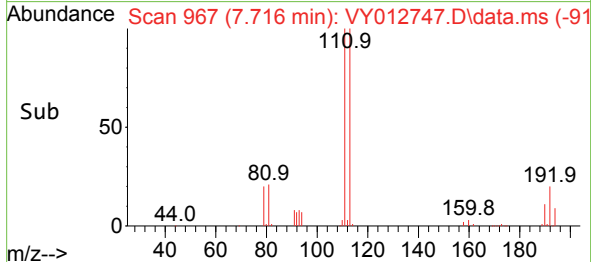
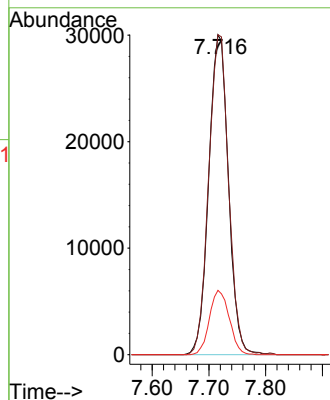
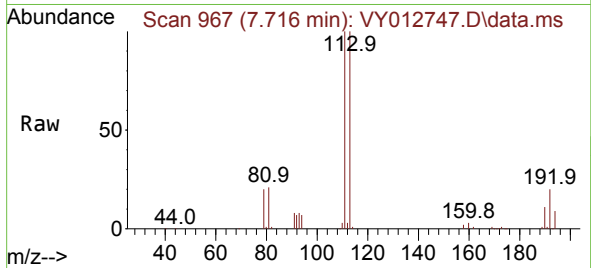




#35
Dibromofluoromethane
Concen: 58.707 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012747.D
Acq: 01 Mar 2023 13:40

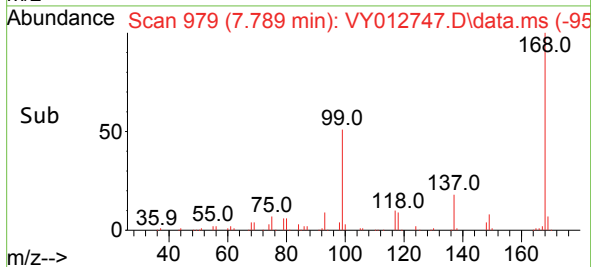
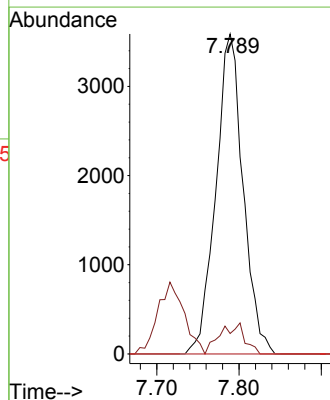
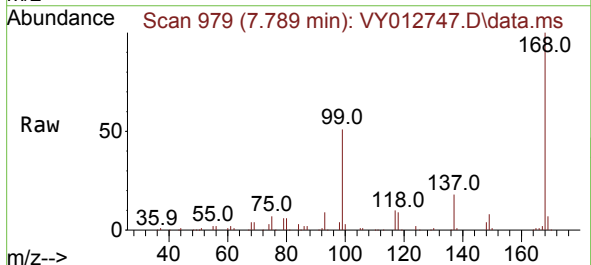
Instrument :
MSVOA_Y
ClientSampleId :
JB-1S

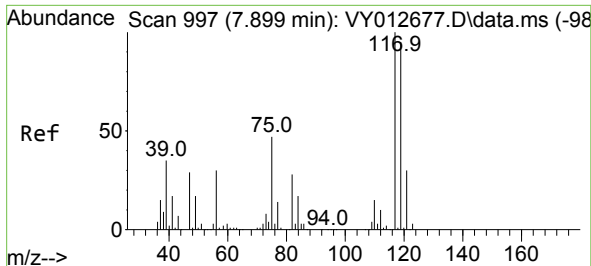
Tgt Ion:113 Resp: 72385
Ion Ratio Lower Upper
113 100
111 100.8 82.0 123.0
192 20.3 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.224 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012747.D
Acq: 01 Mar 2023 13:40

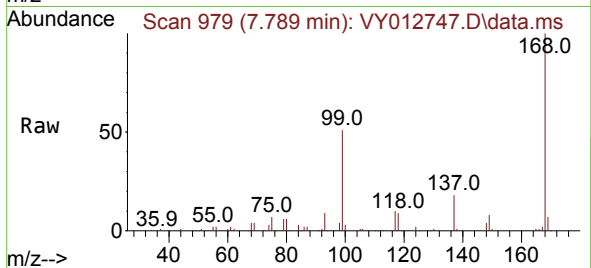
Tgt Ion: 75 Resp: 8256
Ion Ratio Lower Upper
75 100
110 8.7 17.6 52.8#
77 0.0 24.6 37.0#



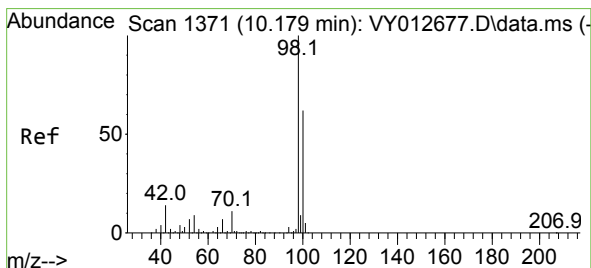
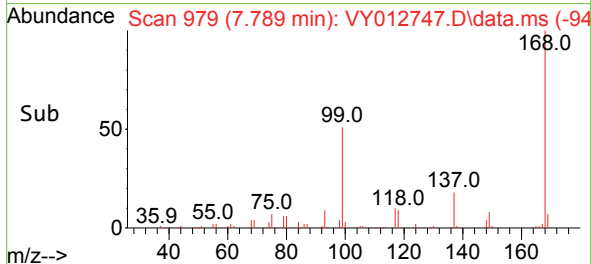
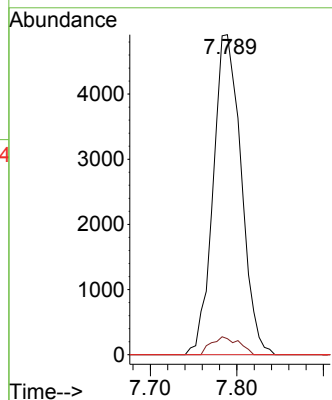


#38
Carbon Tetrachloride
Concen: 5.452 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012747.D
Acq: 01 Mar 2023 13:40

Instrument :
MSVOA_Y
ClientSampleId :
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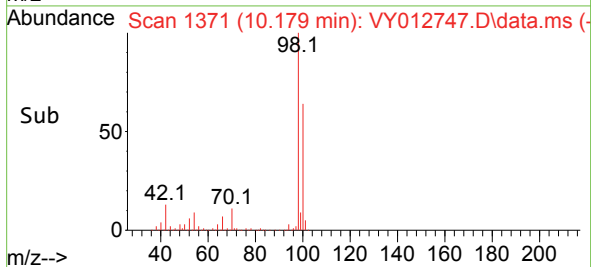
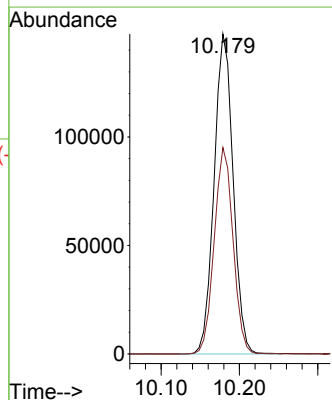
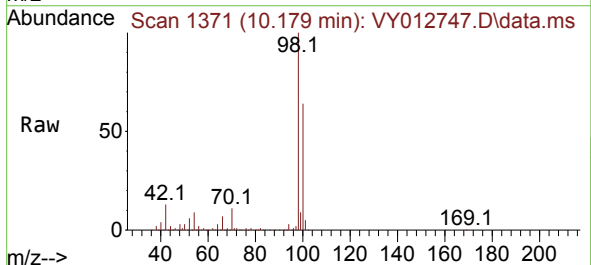


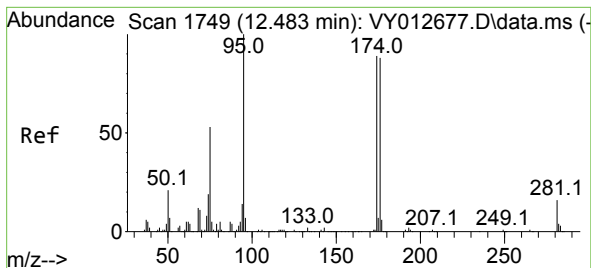
Tgt Ion:117 Resp: 11017
Ion Ratio Lower Upper
117 100
119 5.0 75.5 113.3#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 53.836 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012747.D
Acq: 01 Mar 2023 13:40

Tgt Ion: 98 Resp: 248684
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8

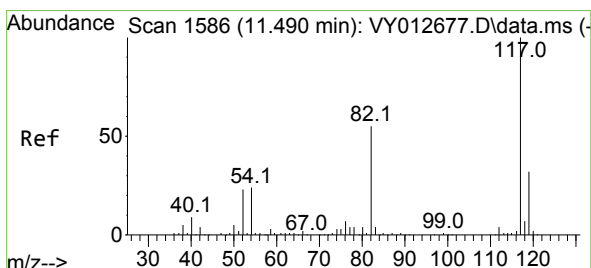
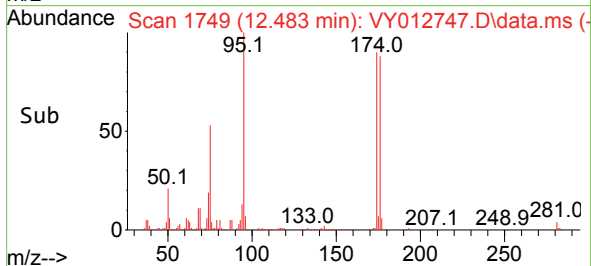
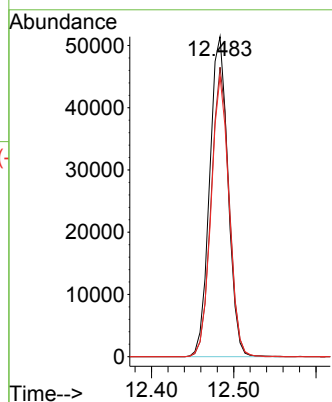
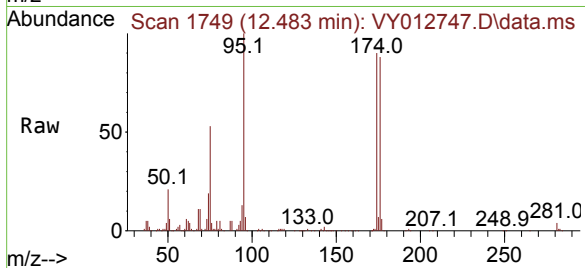




#62
4-Bromofluorobenzene
Concen: 53.800 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012747.D
Acq: 01 Mar 2023 13:40

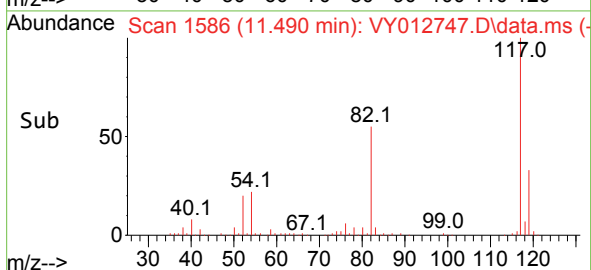
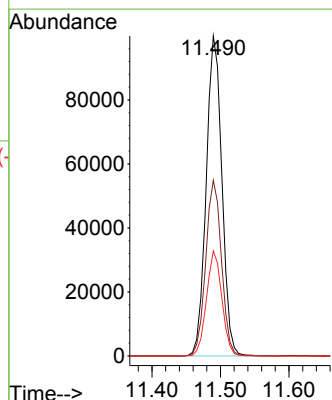
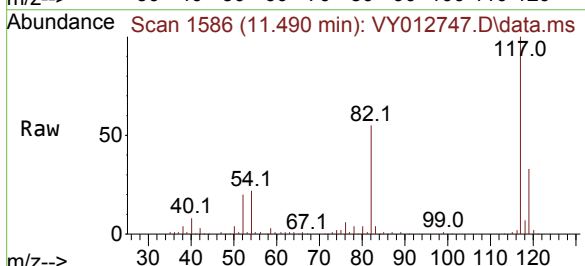
Instrument :
MSVOA_Y
ClientSampleId :
JB-1S

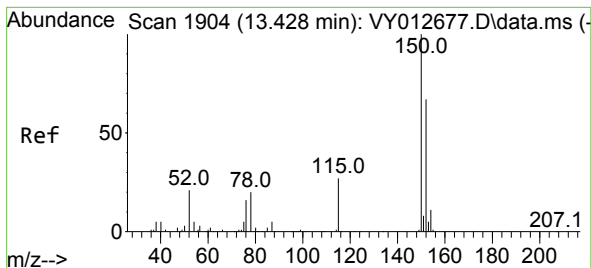
Tgt Ion: 95 Resp: 79527
Ion Ratio Lower Upper
95 100
174 88.8 0.0 172.8
176 85.9 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012747.D
Acq: 01 Mar 2023 13:40

Tgt Ion: 117 Resp: 159703
Ion Ratio Lower Upper
117 100
82 54.9 44.1 66.1
119 32.8 25.5 38.3

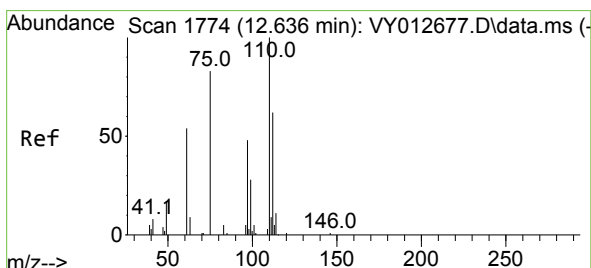
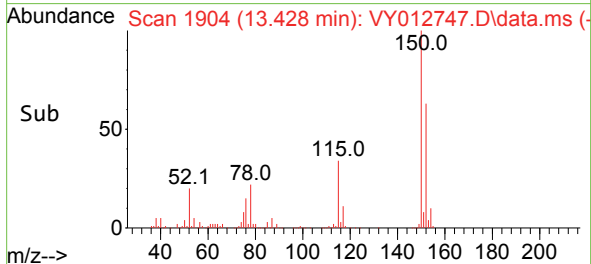
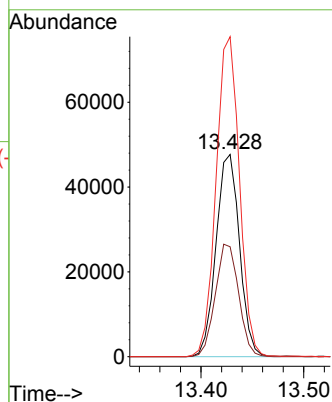
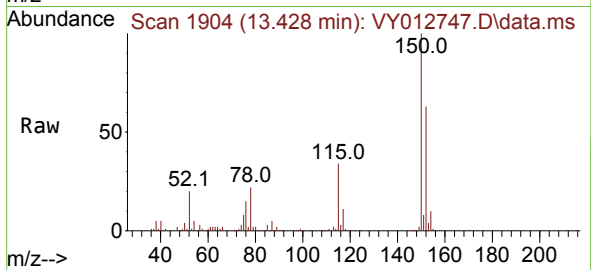




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012747.D
 Acq: 01 Mar 2023 13:40

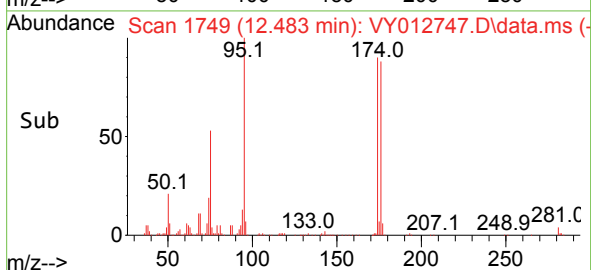
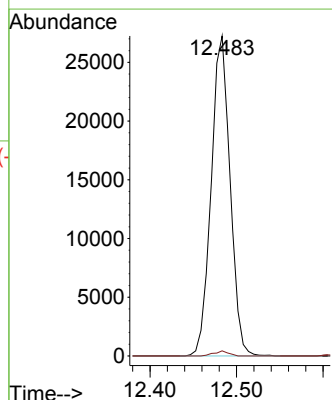
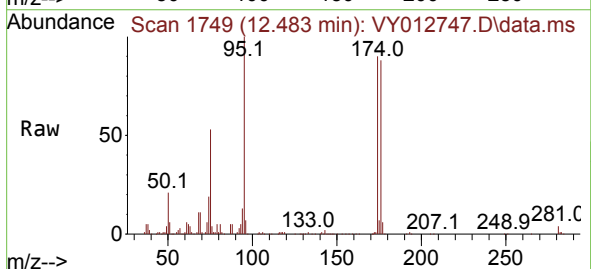
Instrument :
 MSVOA_Y
 ClientSampleId :
 JB-1S

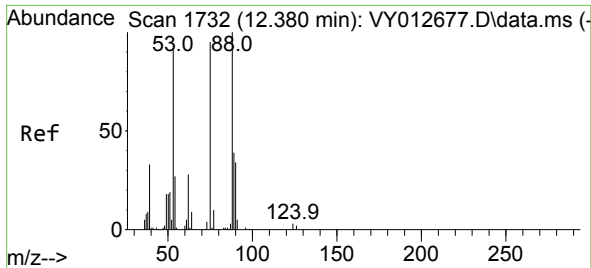
Tgt Ion:152 Resp: 75578
 Ion Ratio Lower Upper
 152 100
 115 55.3 28.7 86.3
 150 157.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 43.865 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY012747.D
 Acq: 01 Mar 2023 13:40

Tgt Ion: 75 Resp: 41330
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.928 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY012747.D
 Acq: 01 Mar 2023 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 JB-1S

Tgt Ion: 75 Resp: 41330
 Ion Ratio Lower Upper
 75 100
 53 0.2 80.4 120.6#
 89 0.1 36.5 54.7#

