

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
 Data File : VY012468.D
 Acq On : 03 Feb 2023 11:43
 Operator : KP/MD
 Sample : VY0203SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 00:05:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

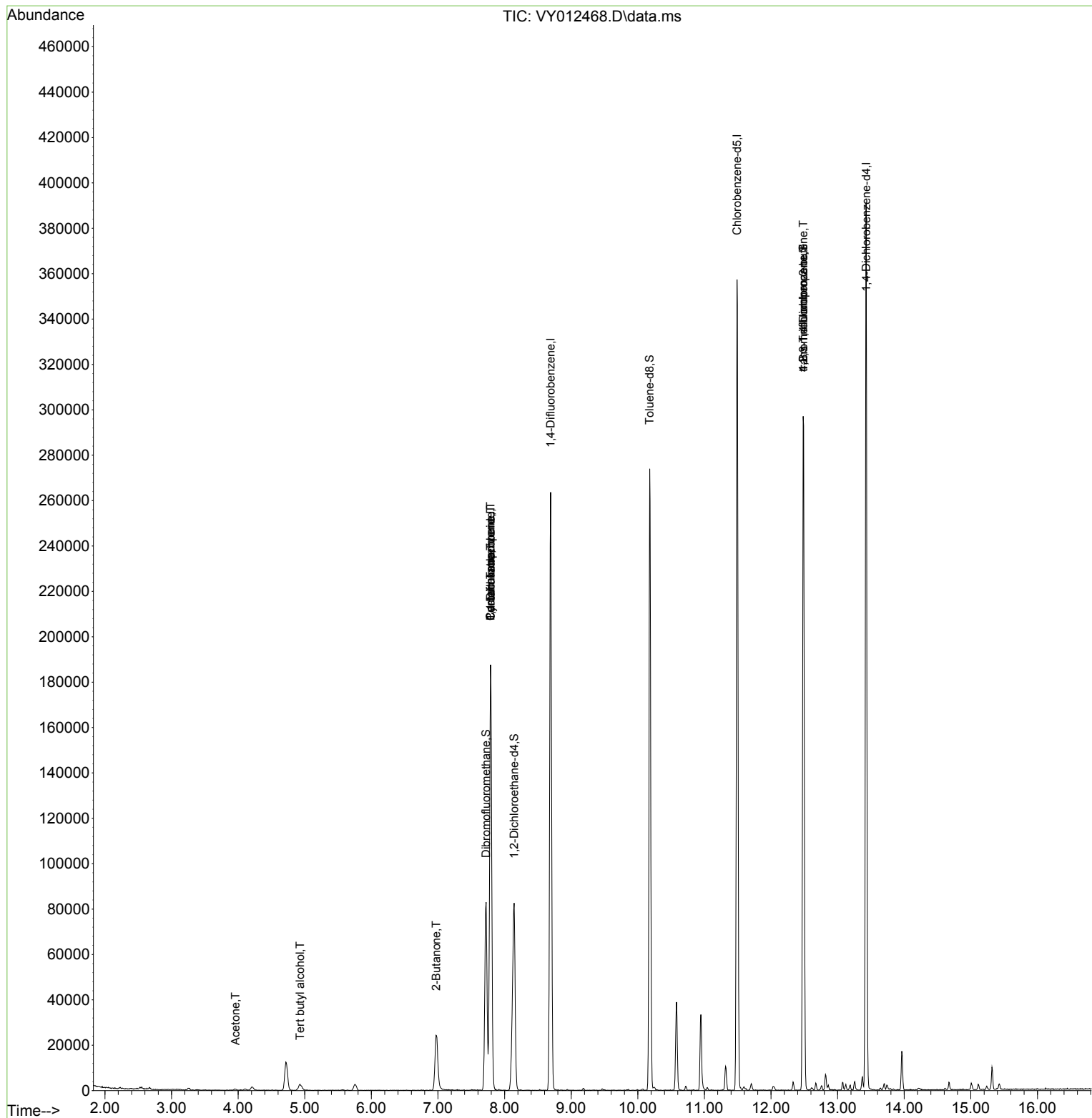
Internal Standards						
1) Pentafluorobenzene	7.789	168	148664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	232709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	208288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61692	50.070	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.140%	
35) Dibromofluoromethane	7.722	113	57339	46.534	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.060%	
50) Toluene-d8	10.179	98	185634	42.863	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 85.720%	
62) 4-Bromofluorobenzene	12.483	95	72151	41.537	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	2787	7.096	ug/l #	74
16) Acetone	3.960	43	834	2.015	ug/l	91
20) Methylene Chloride	4.728	84	10239	Below Cal		86
25) 2-Butanone	6.972	43	1291	2.825	ug/l #	46
31) Cyclohexane	7.789	56	2792	1.288	ug/l #	32
36) 1,1-Dichloropropene	7.789	75	10168	4.855	ug/l #	50
38) Carbon Tetrachloride	7.789	117	14789	5.468	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	37716	40.286	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37716	83.007	ug/l #	13

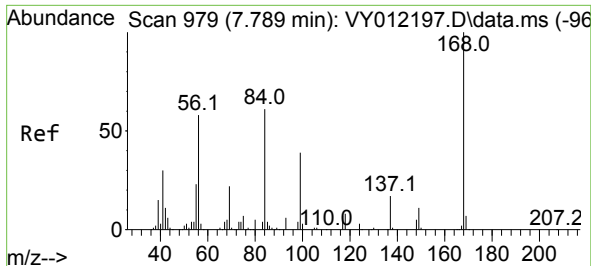
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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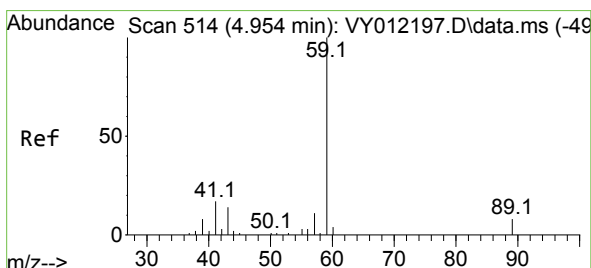
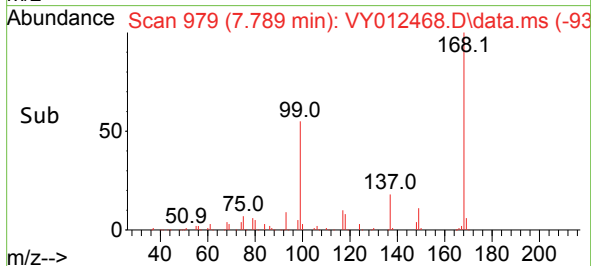
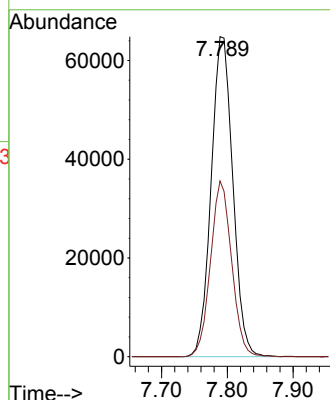
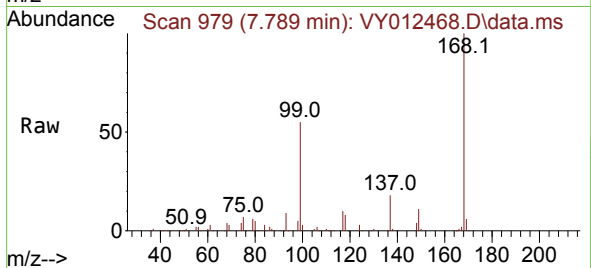




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012468.D
Acq: 03 Feb 2023 11:43

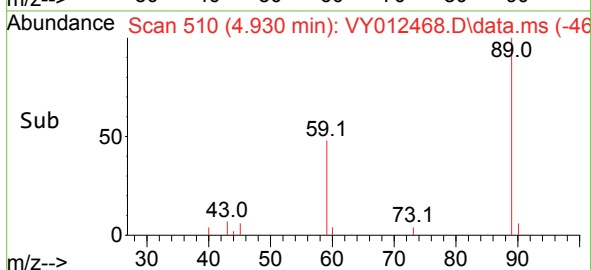
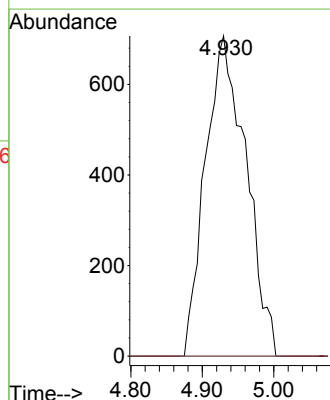
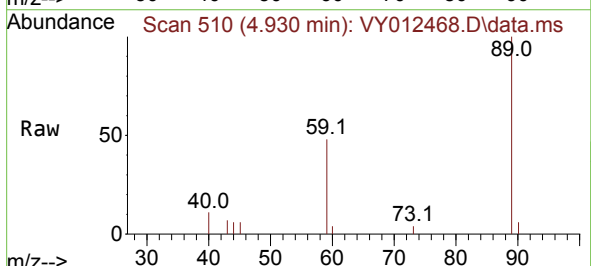
Instrument :
MSVOA_Y
ClientSampleId :

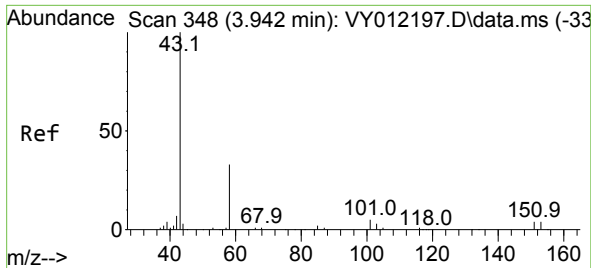
Tgt Ion:168 Resp: 148664
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#11
Tert butyl alcohol
Concen: 7.096 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY012468.D
Acq: 03 Feb 2023 11:43

Tgt Ion: 59 Resp: 2787
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

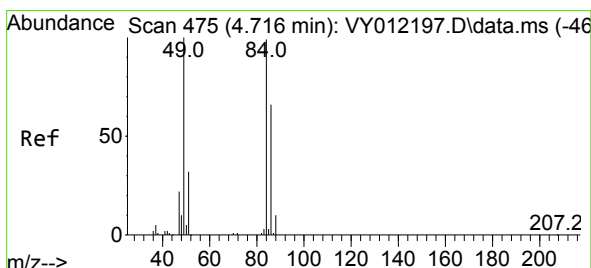
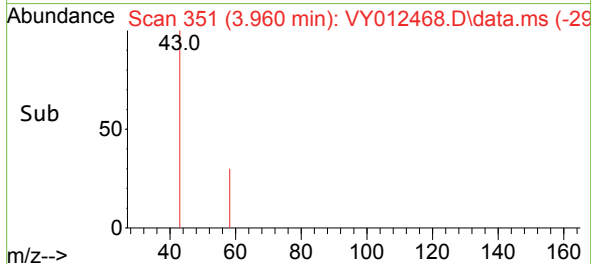
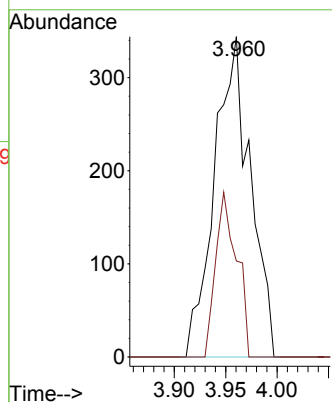
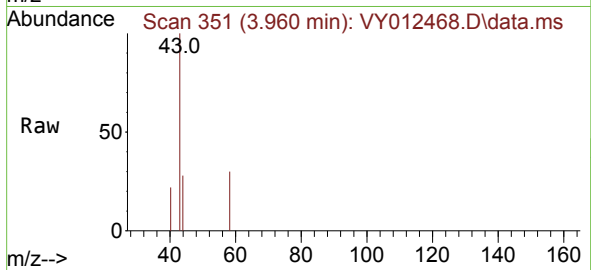




#16
Acetone
Concen: 2.015 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY012468.D
Acq: 03 Feb 2023 11:43

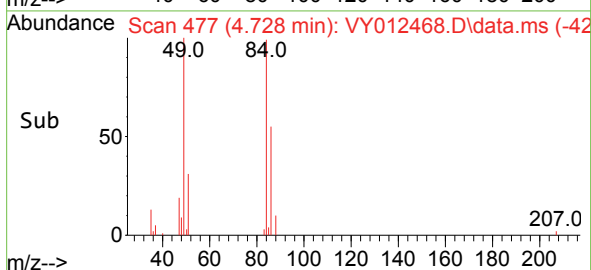
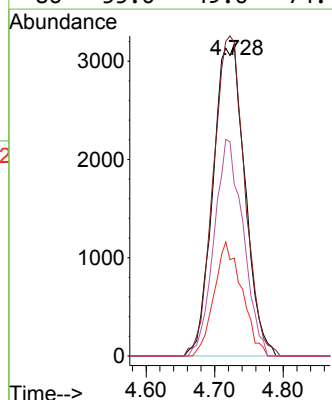
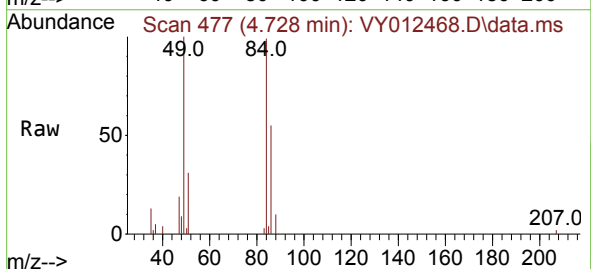
Instrument :
MSVOA_Y
ClientSampleId :

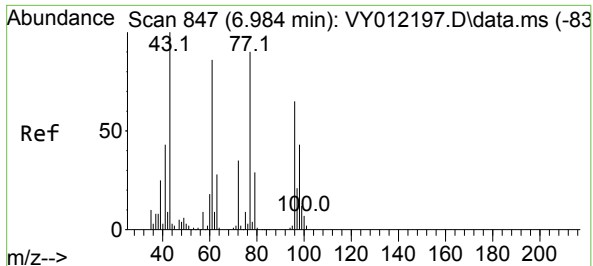
Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
58 29.9 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY012468.D
Acq: 03 Feb 2023 11:43

Tgt Ion: 84 Resp: 10239
Ion Ratio Lower Upper
84 100
49 100.6 95.4 143.2
51 31.4 29.9 44.9
86 55.0 49.6 74.4





#25

2-Butanone

Concen: 2.825 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY012468.D

Acq: 03 Feb 2023 11:43

Instrument :

MSVOA_Y

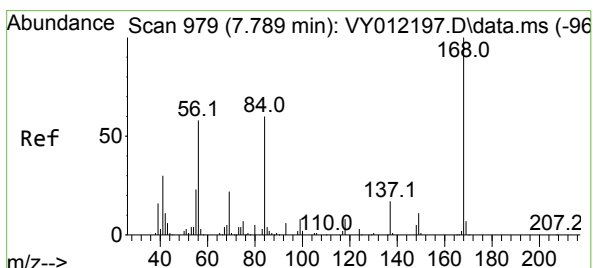
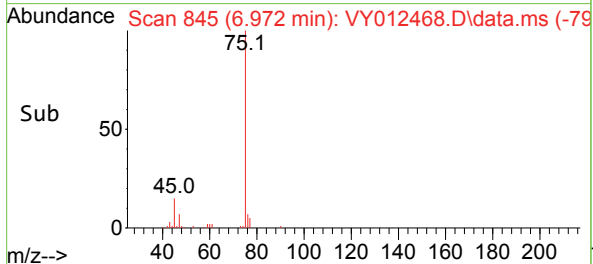
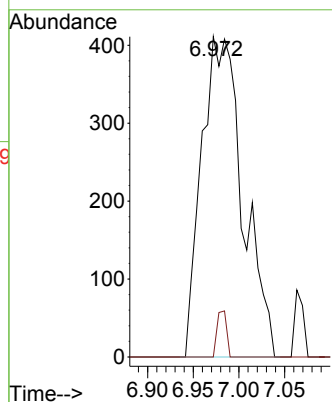
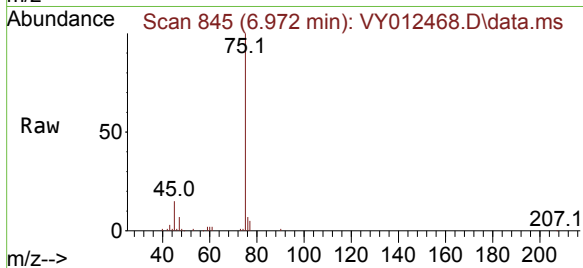
ClientSampleId :

Tgt Ion: 43 Resp: 1291

Ion Ratio Lower Upper

43 100

72 0.0 22.6 34.0#



#31

Cyclohexane

Concen: 1.288 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012468.D

Acq: 03 Feb 2023 11:43

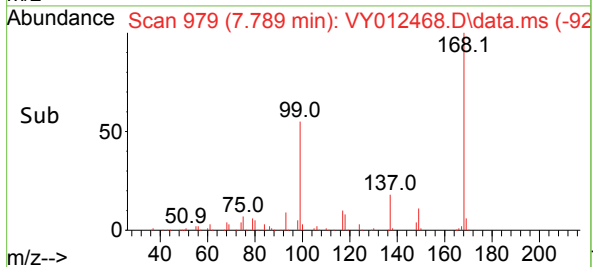
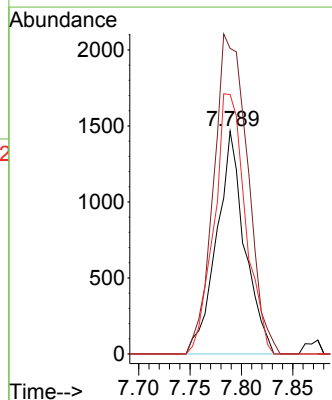
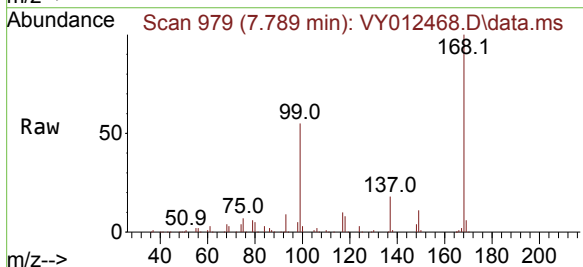
Tgt Ion: 56 Resp: 2792

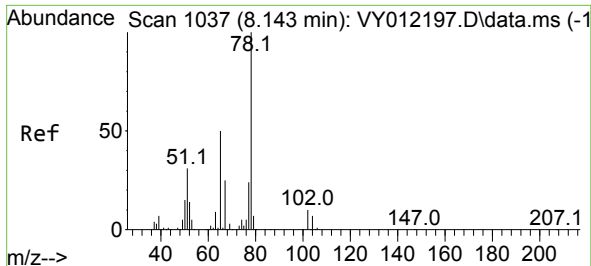
Ion Ratio Lower Upper

56 100

69 137.2 29.2 43.8#

84 116.5 72.6 108.8#

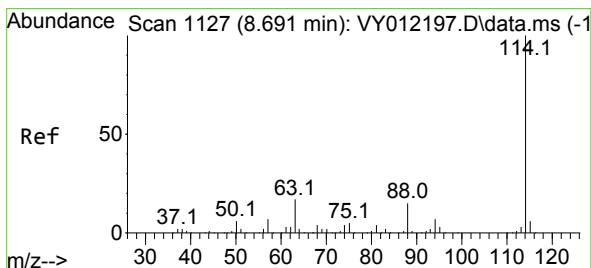
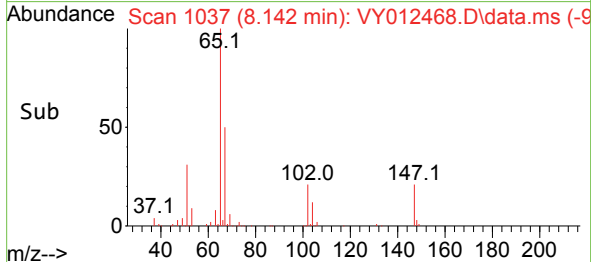
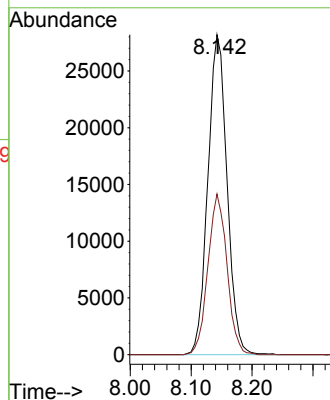
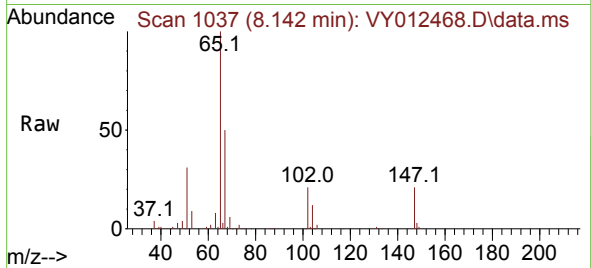




#33
 1,2-Dichloroethane-d4
 Concen: 50.070 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY012468.D
 Acq: 03 Feb 2023 11:43

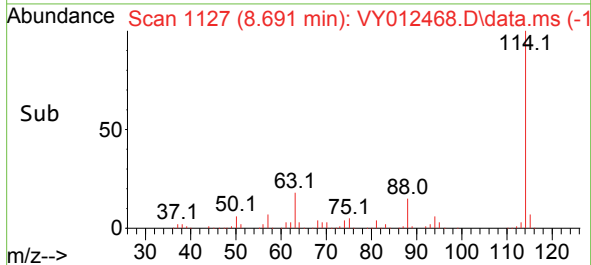
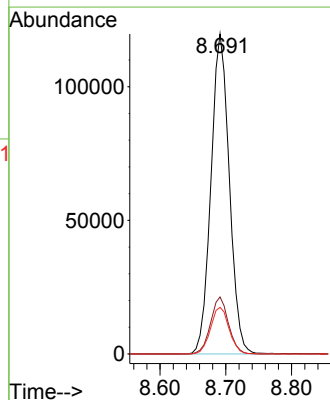
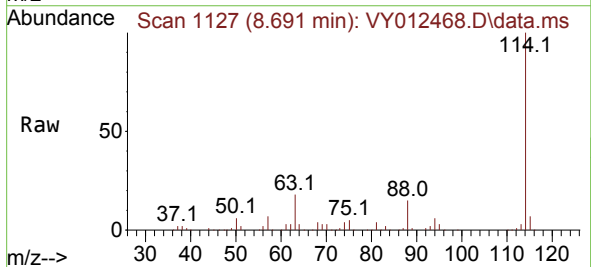
Instrument :
 MSVOA_Y
 ClientSampleId :

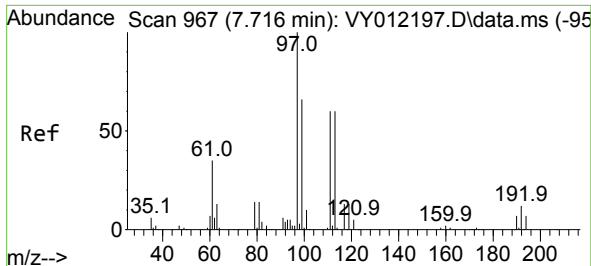
Tgt Ion: 65 Resp: 61692
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012468.D
 Acq: 03 Feb 2023 11:43

Tgt Ion:114 Resp: 232709
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 39.6
 88 14.5 0.0 32.2

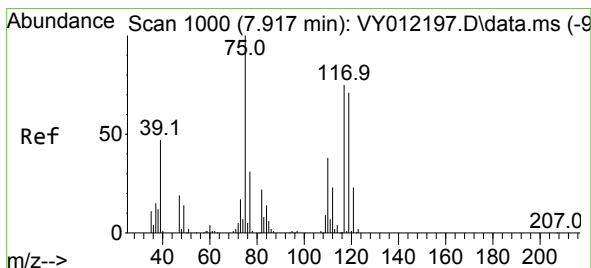
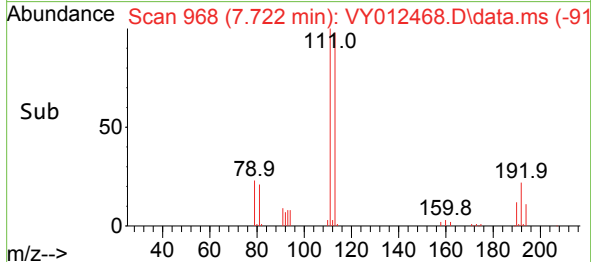
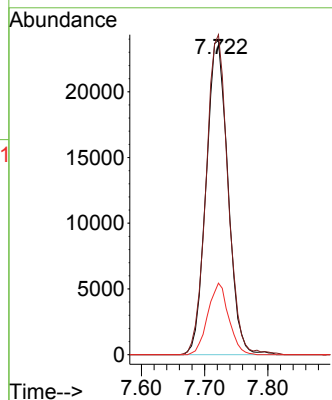
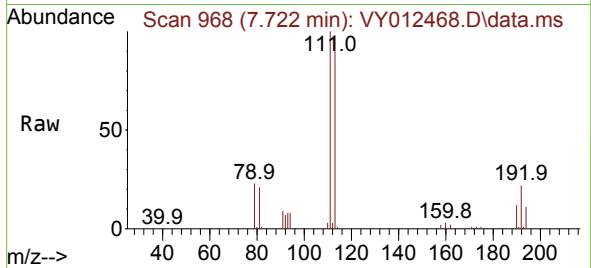




#35
Dibromofluoromethane
Concen: 46.534 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY012468.D
Acq: 03 Feb 2023 11:43

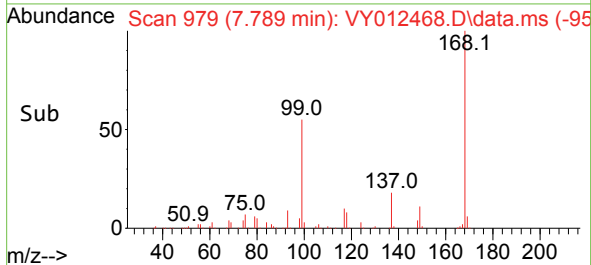
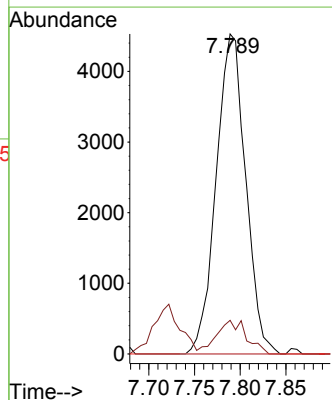
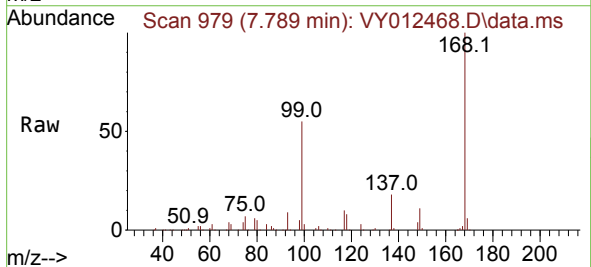
Instrument :
MSVOA_Y
ClientSampleId :

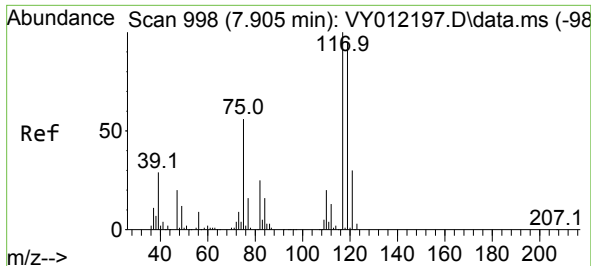
Tgt Ion:113 Resp: 57339
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.4
192 21.7 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.855 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012468.D
Acq: 03 Feb 2023 11:43

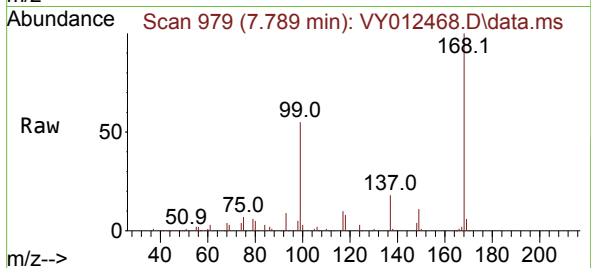
Tgt Ion: 75 Resp: 10168
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.1#
77 0.0 25.1 37.7#



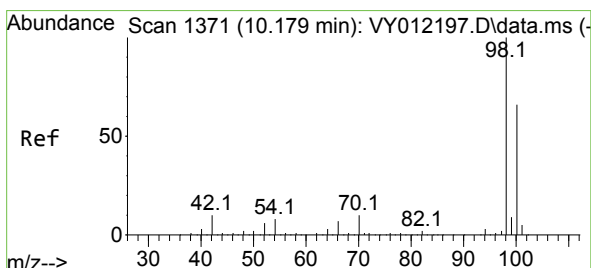
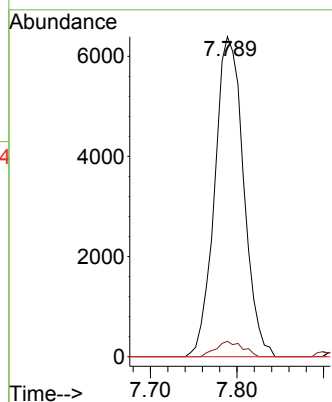
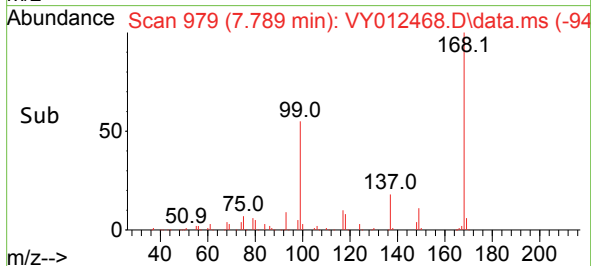


#38
Carbon Tetrachloride
Concen: 5.468 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012468.D
Acq: 03 Feb 2023 11:43

Instrument :
MSVOA_Y
ClientSampleId :

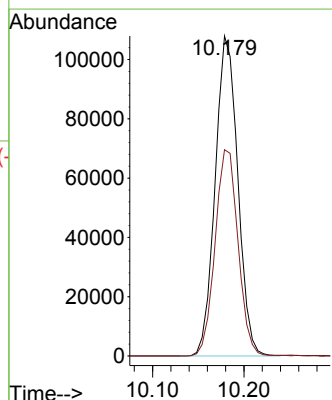
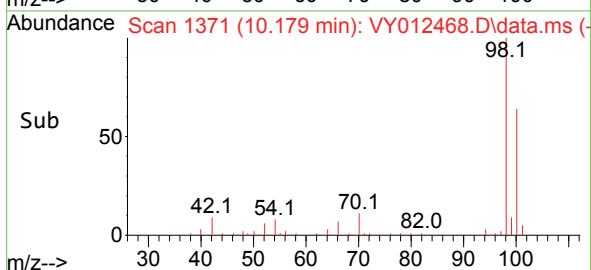
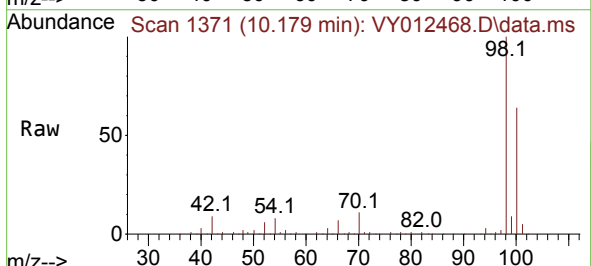


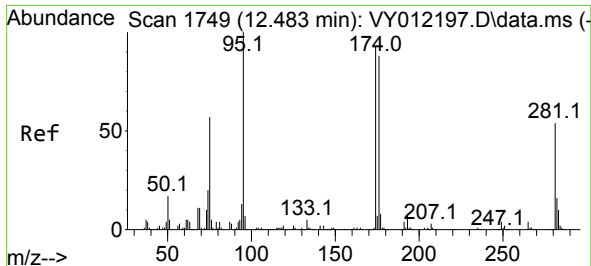
Tgt Ion:117 Resp: 14789
Ion Ratio Lower Upper
117 100
119 4.8 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 42.863 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012468.D
Acq: 03 Feb 2023 11:43

Tgt Ion: 98 Resp: 185634
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

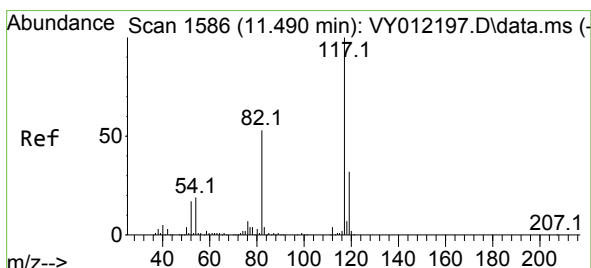
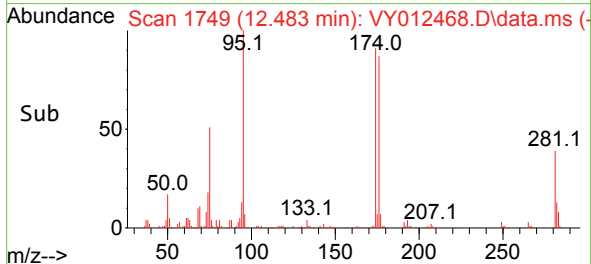
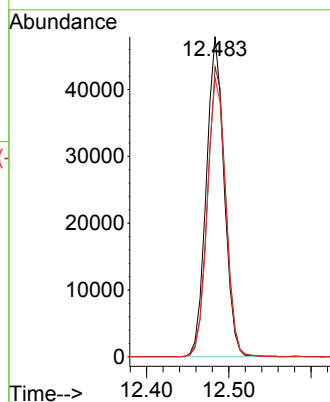
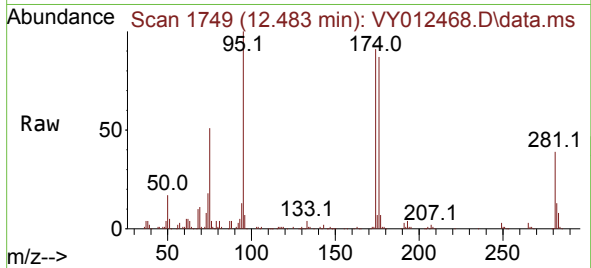




#62
4-Bromofluorobenzene
Concen: 41.537 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012468.D
Acq: 03 Feb 2023 11:43

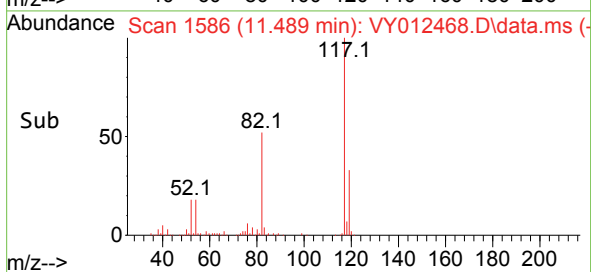
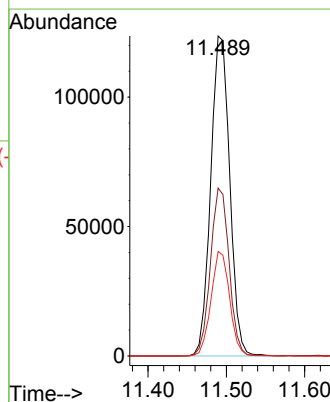
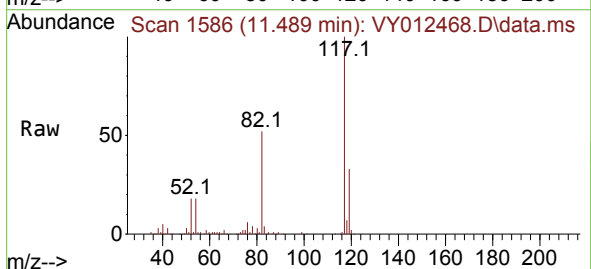
Instrument :
MSVOA_Y
ClientSampleId :

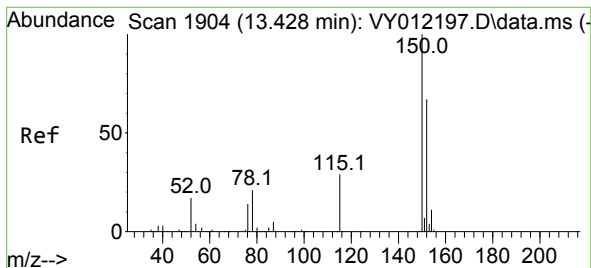
Tgt Ion: 95 Resp: 72151
Ion Ratio Lower Upper
95 100
174 93.0 0.0 172.0
176 89.7 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012468.D
Acq: 03 Feb 2023 11:43

Tgt Ion: 117 Resp: 208288
Ion Ratio Lower Upper
117 100
82 52.4 44.8 67.2
119 32.7 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

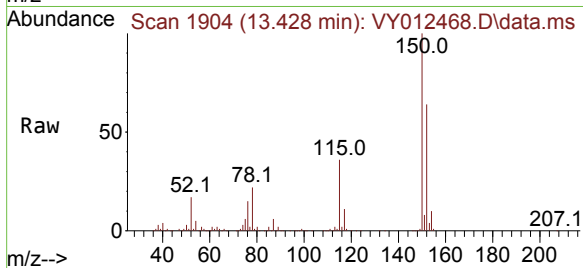
Lab File: VY012468.D

Acq: 03 Feb 2023 11:43

Instrument :

MSVOA_Y

ClientSampleId :



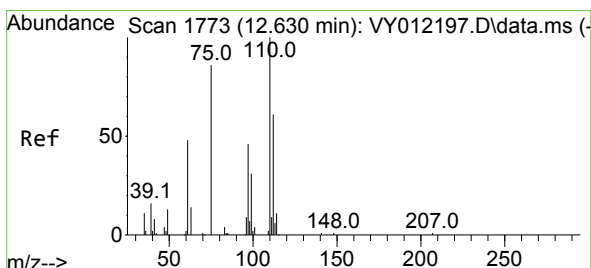
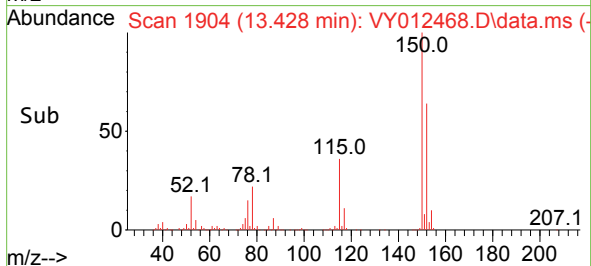
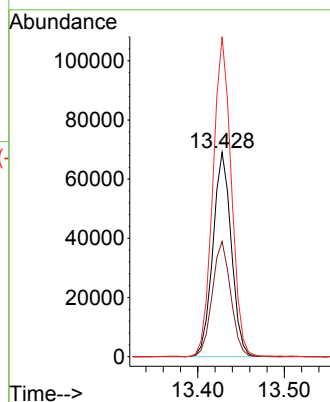
Tgt Ion:152 Resp: 101813

Ion Ratio Lower Upper

152 100

115 56.7 29.1 87.3

150 157.2 0.0 342.6



#76

1,2,3-Trichloropropane

Concen: 40.286 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY012468.D

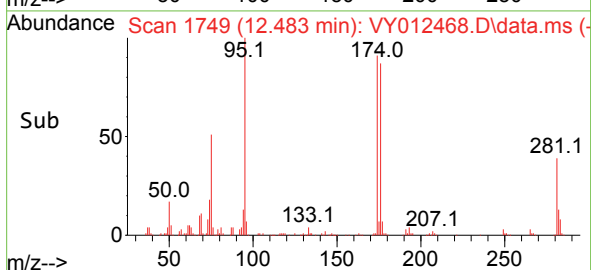
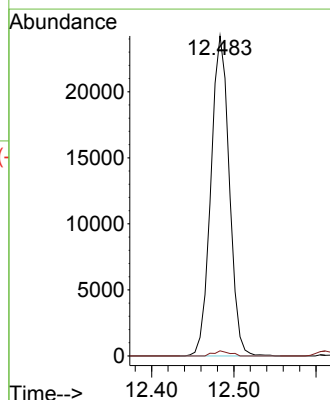
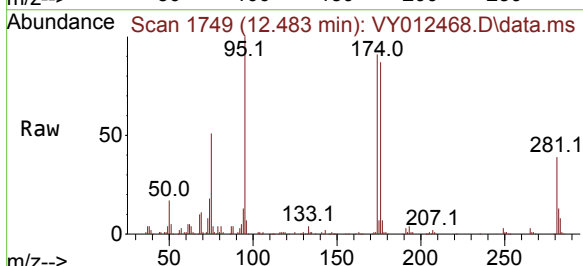
Acq: 03 Feb 2023 11:43

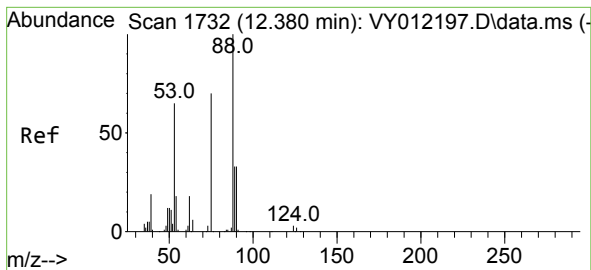
Tgt Ion: 75 Resp: 37716

Ion Ratio Lower Upper

75 100

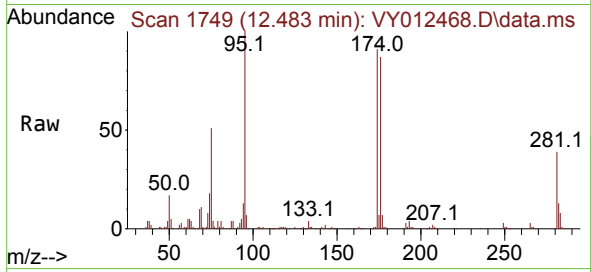
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.007 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012468.D
 Acq: 03 Feb 2023 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 37716
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.6 37.0 55.4#

