

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042222\
 Data File : VY008462.D
 Acq On : 22 Apr 2022 14:14
 Operator : KP/MD
 Sample : N2511-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 01:52:26 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)

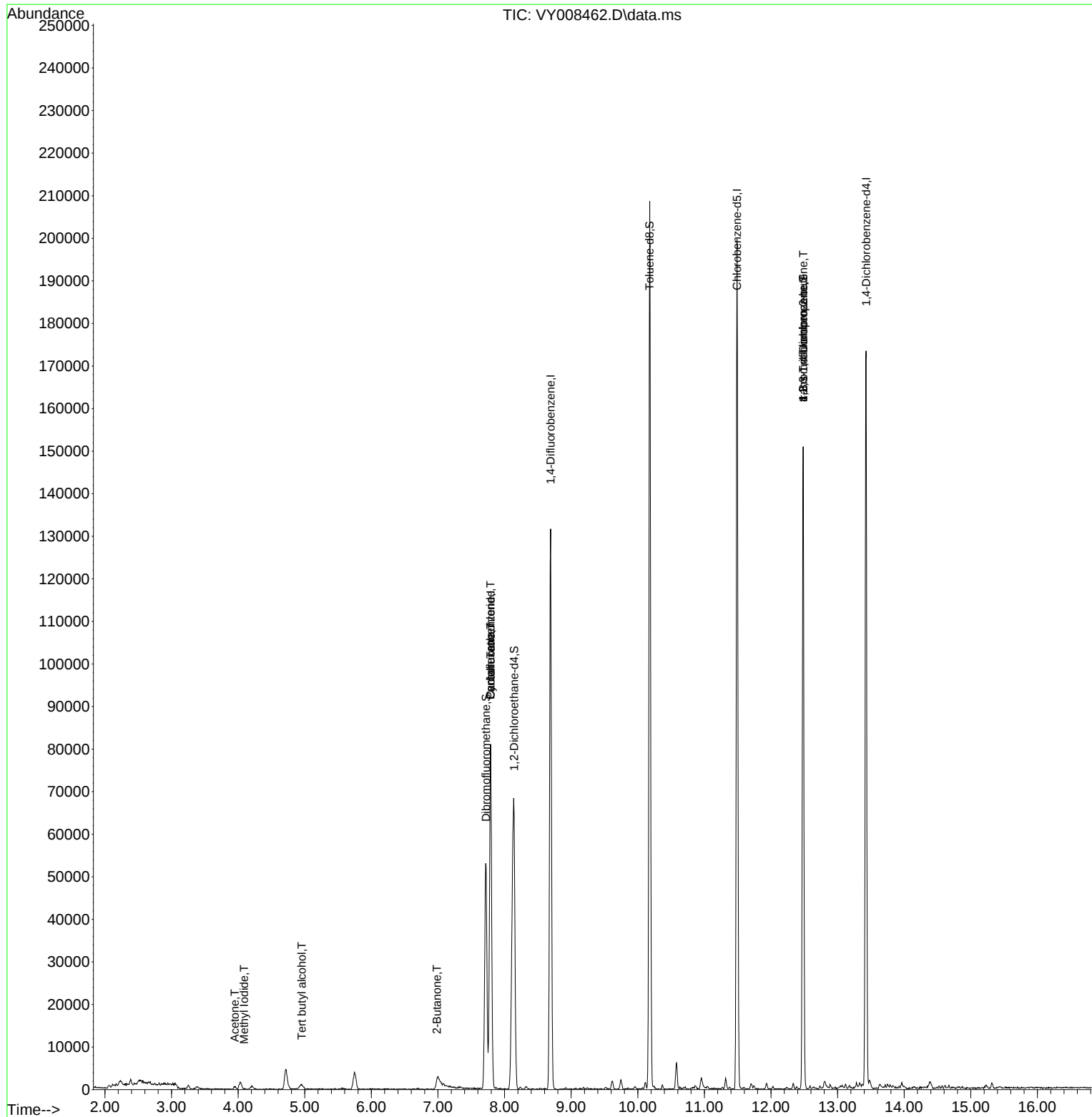
Internal Standards						
1) Pentafluorobenzene	7.789	168	61569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	114775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	108030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	44662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	40043	55.275	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.540%
35) Dibromofluoromethane	7.722	113	37526	50.660	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.320%
50) Toluene-d8	10.179	98	135571	46.102	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.200%
62) 4-Bromofluorobenzene	12.483	95	44509	44.623	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.240%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	26	1.719	ug/l #	60
11) Tert butyl alcohol	4.954	59	2266	7.161	ug/l #	86
16) Acetone	3.948	43	977	5.790	ug/l	91
20) Methylene Chloride	4.716	84	3570	Below Cal	#	84
25) 2-Butanone	6.984	43	413	1.582	ug/l #	75
31) Cyclohexane	7.789	56	1362	1.144	ug/l #	25
38) Carbon Tetrachloride	7.789	117	6501	5.310	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	23943	41.424	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	23943	96.099	ug/l #	7

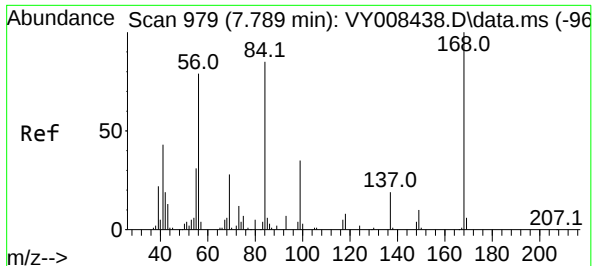
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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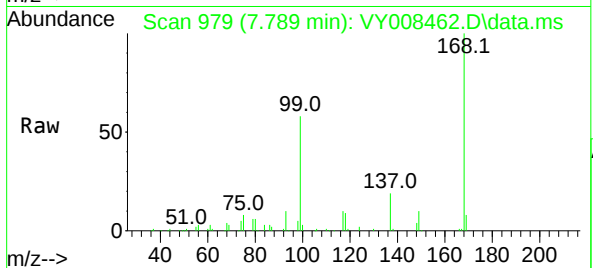
Quant Time: Apr 23 01:52:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 21 14:28:40 2022
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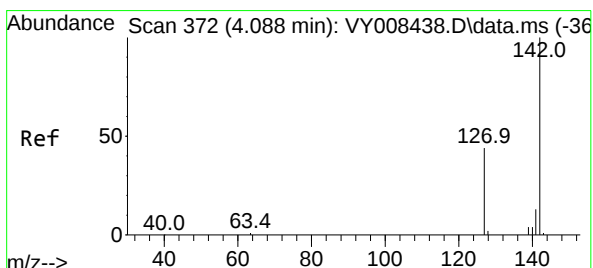
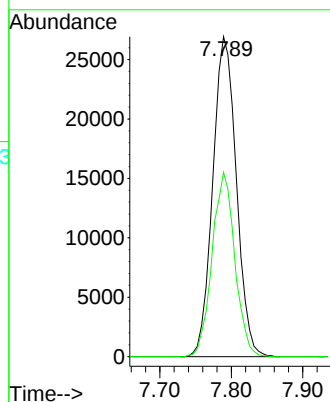
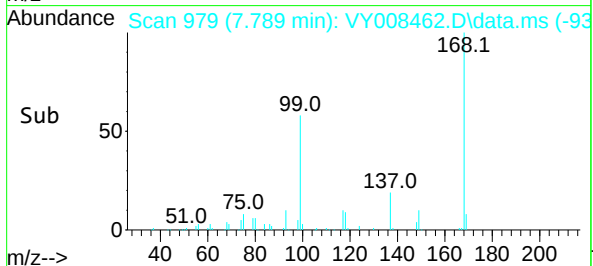


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008462.D
Acq: 22 Apr 2022 14:14

Instrument :
MSVOA_Y
ClientSampleId :

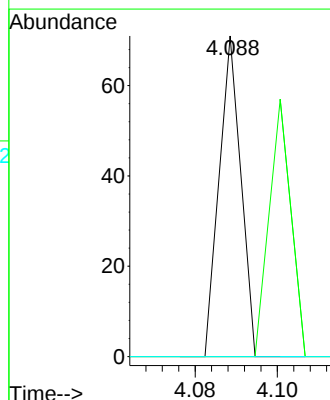
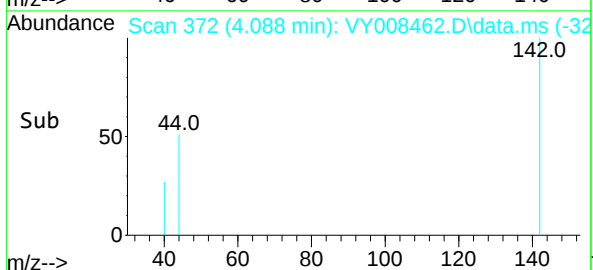
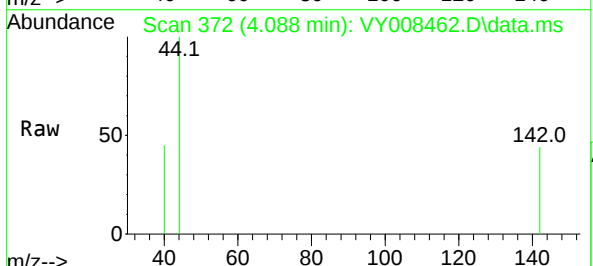


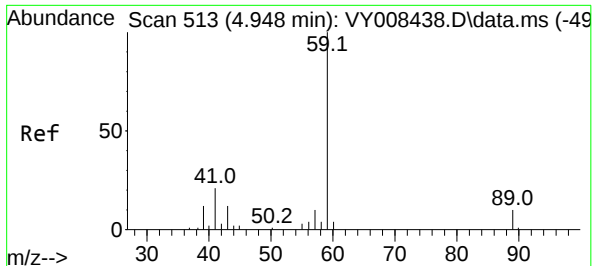
Tgt Ion:168 Resp: 61569
Ion Ratio Lower Upper
168 100
99 57.6 46.9 70.3



#10
Methyl Iodide
Concen: 1.719 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008462.D
Acq: 22 Apr 2022 14:14

Tgt Ion:142 Resp: 26
Ion Ratio Lower Upper
142 100
127 80.8 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: 7.161 ug/l

RT: 4.954 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY008462.D

Acq: 22 Apr 2022 14:14

Instrument :

MSVOA_Y

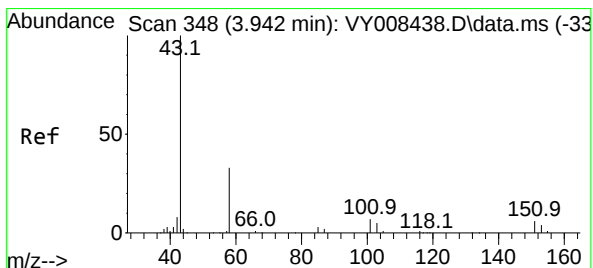
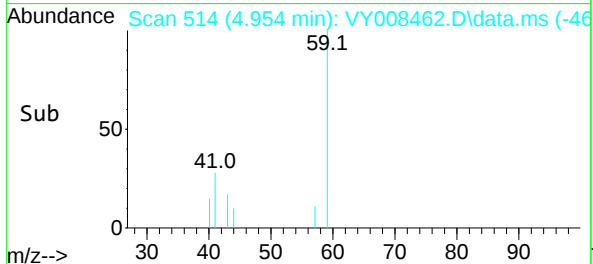
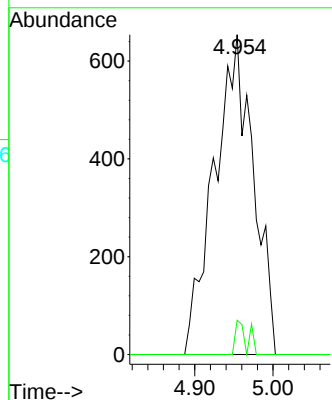
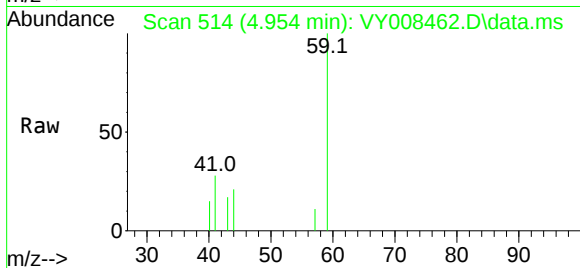
ClientSampleId :

Tgt Ion: 59 Resp: 2266

Ion Ratio Lower Upper

59 100

57 3.1 6.4 9.6#



#16

Acetone

Concen: 5.790 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY008462.D

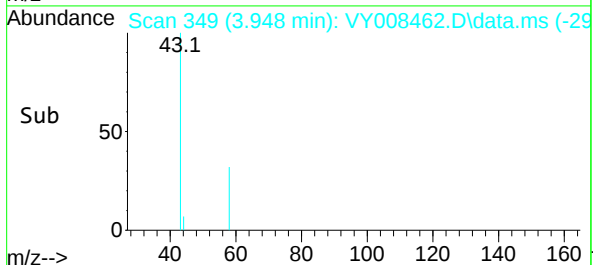
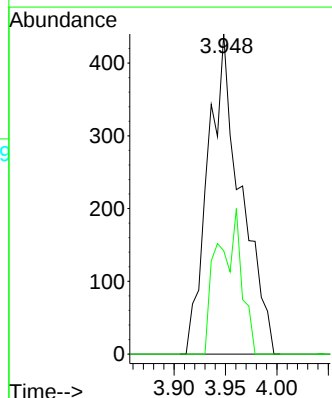
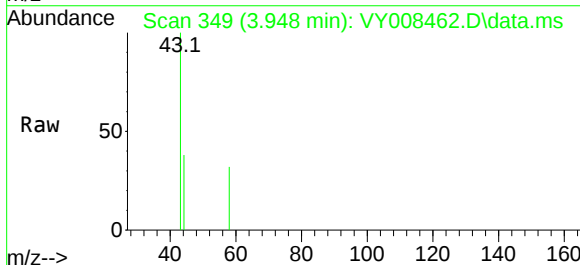
Acq: 22 Apr 2022 14:14

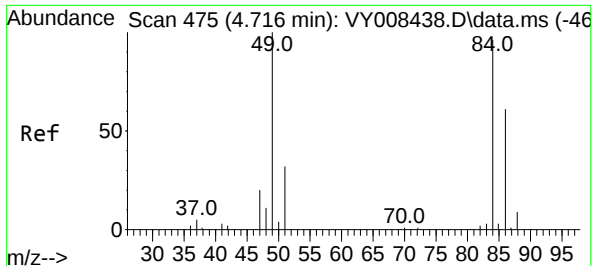
Tgt Ion: 43 Resp: 977

Ion Ratio Lower Upper

43 100

58 32.3 22.0 33.0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

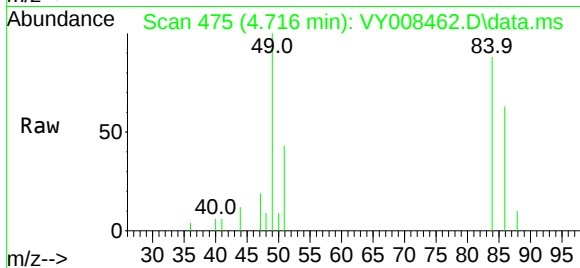
Lab File: VY008462.D

Acq: 22 Apr 2022 14:14

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 3570

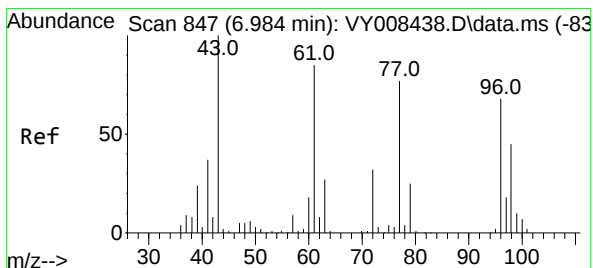
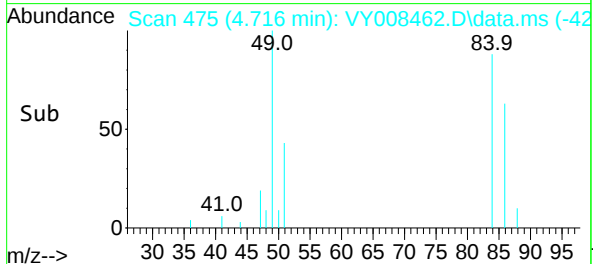
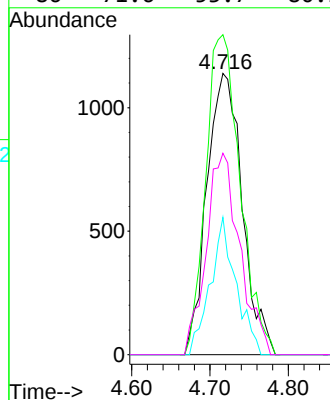
Ion Ratio Lower Upper

84 100

49 113.8 114.4 171.6#

51 48.8 35.3 52.9

86 71.6 53.7 80.5



#25

2-Butanone

Concen: 1.582 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008462.D

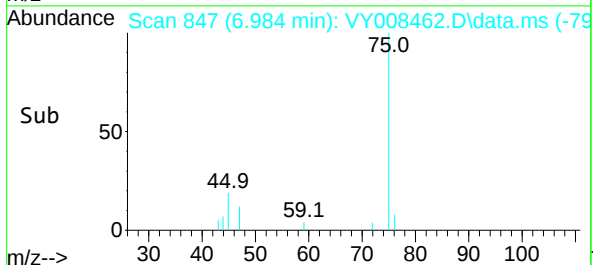
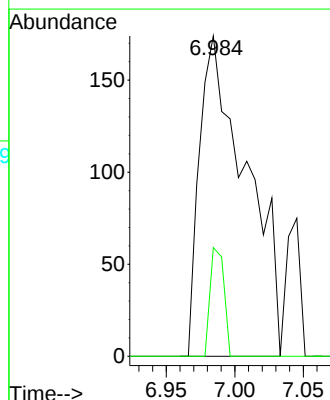
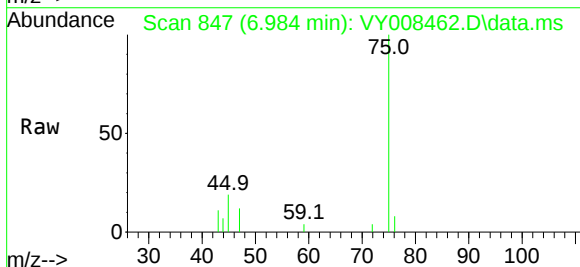
Acq: 22 Apr 2022 14:14

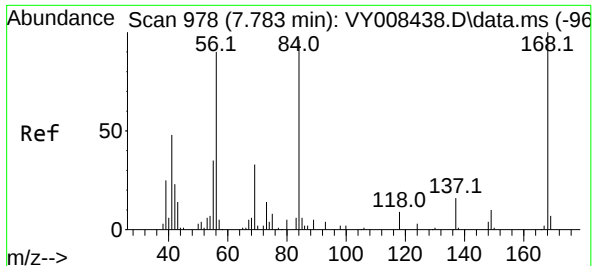
Tgt Ion: 43 Resp: 413

Ion Ratio Lower Upper

43 100

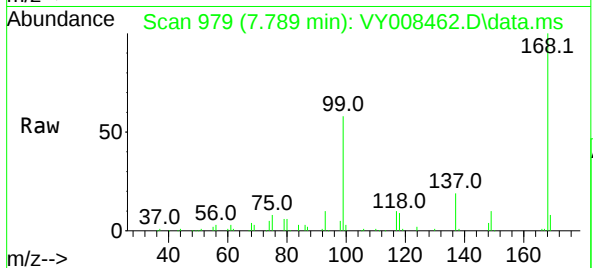
72 33.9 17.7 26.5#



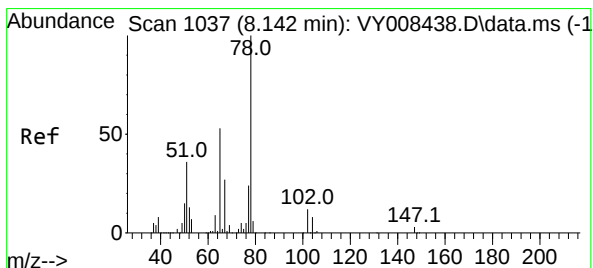
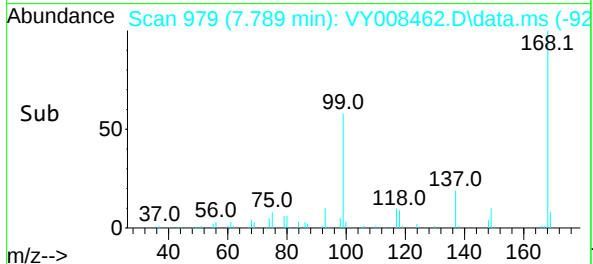
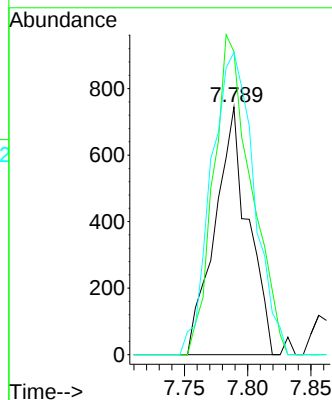


#31
Cyclohexane
Concen: 1.144 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008462.D
Acq: 22 Apr 2022 14:14

Instrument :
MSVOA_Y
ClientSampleId :

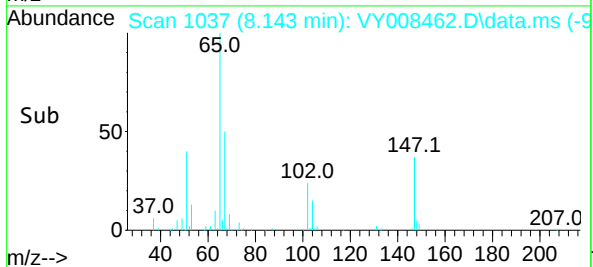
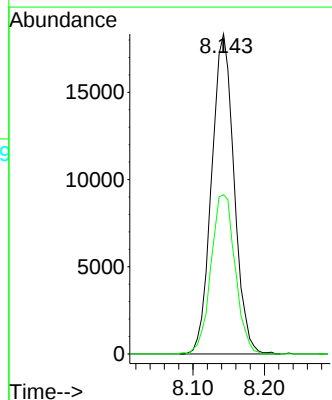
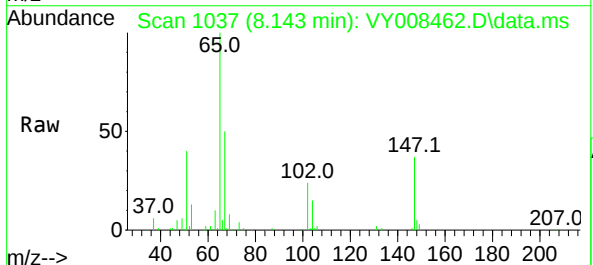


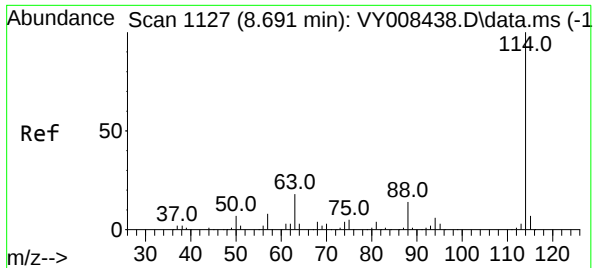
Tgt Ion: 56 Resp: 1362
Ion Ratio Lower Upper
56 100
69 122.4 26.7 40.1#
84 122.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.275 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008462.D
Acq: 22 Apr 2022 14:14

Tgt Ion: 65 Resp: 40043
Ion Ratio Lower Upper
65 100
67 53.5 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: VY008462.D

Acq: 22 Apr 2022 14:14

Instrument :

MSVOA_Y

ClientSampleId :

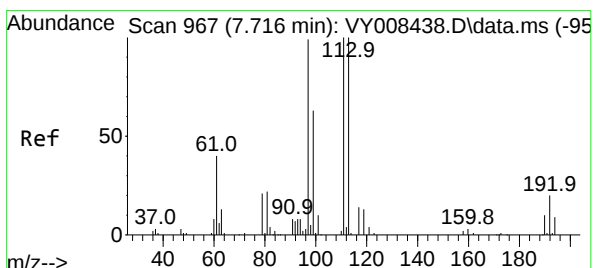
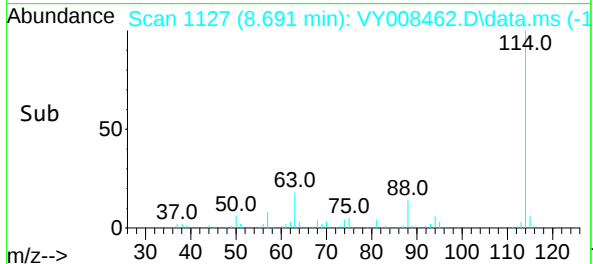
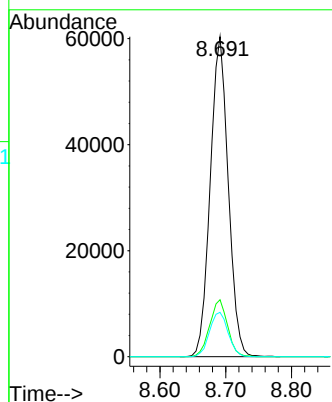
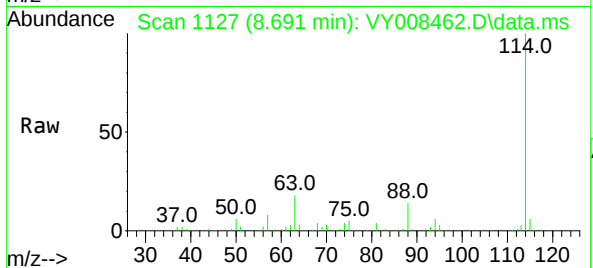
Tgt Ion:114 Resp: 114775

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.660 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008462.D

Acq: 22 Apr 2022 14:14

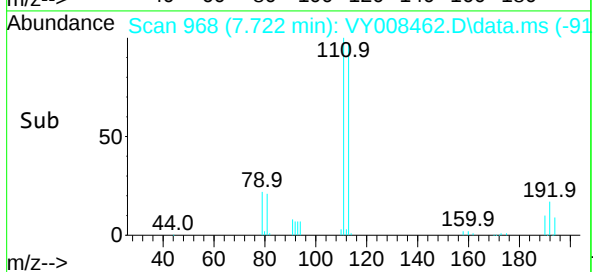
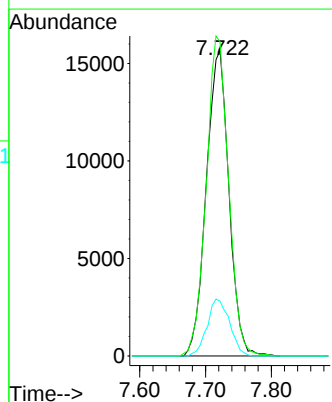
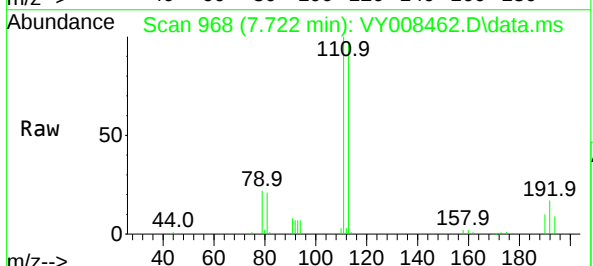
Tgt Ion:113 Resp: 37526

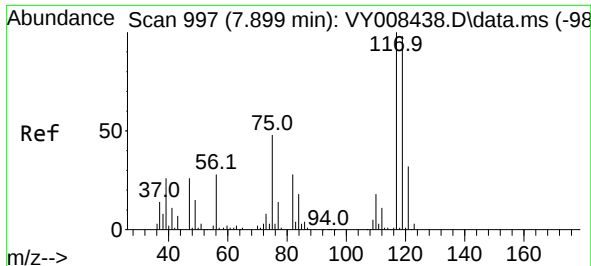
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

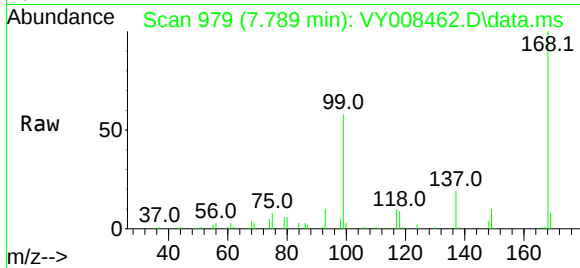
192 18.5 17.6 26.4



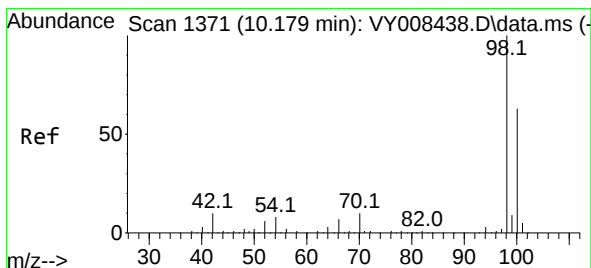
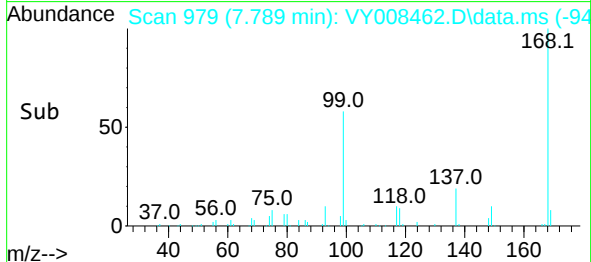
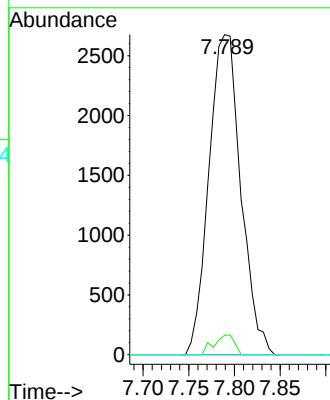


#38
Carbon Tetrachloride
Concen: 5.310 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008462.D
Acq: 22 Apr 2022 14:14

Instrument :
MSVOA_Y
ClientSampleId :

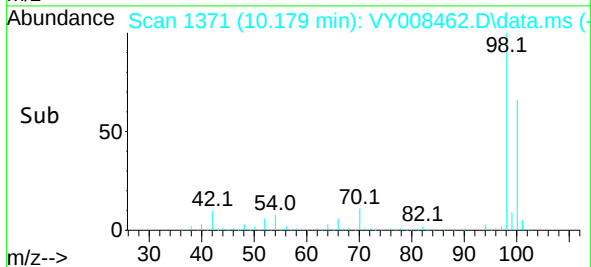
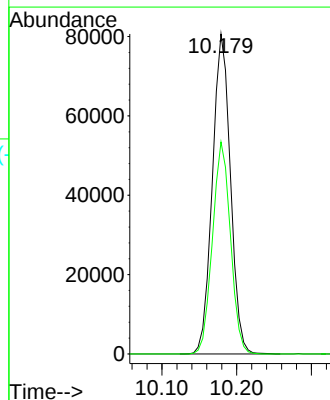
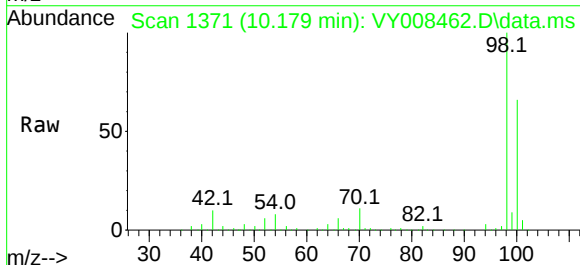


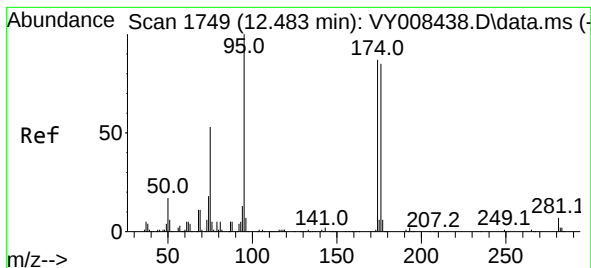
Tgt Ion:117 Resp: 6501
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.102 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008462.D
Acq: 22 Apr 2022 14:14

Tgt Ion: 98 Resp: 135571
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

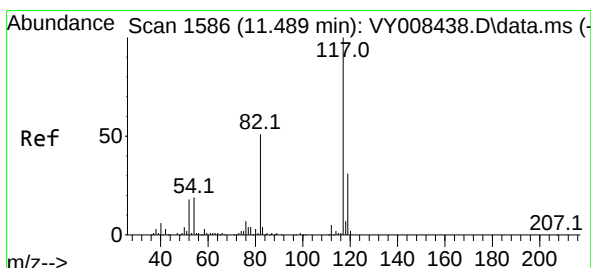
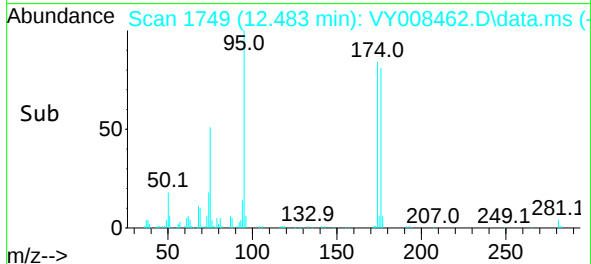
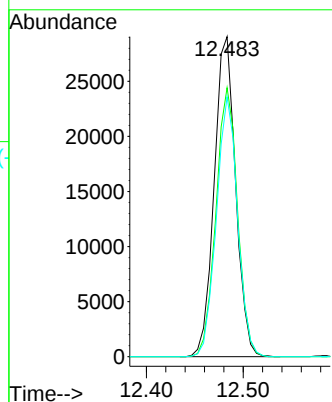
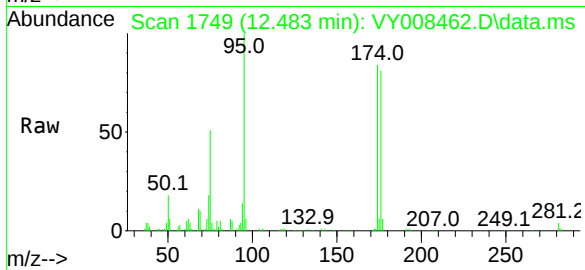




#62
4-Bromofluorobenzene
Concen: 44.623 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008462.D
Acq: 22 Apr 2022 14:14

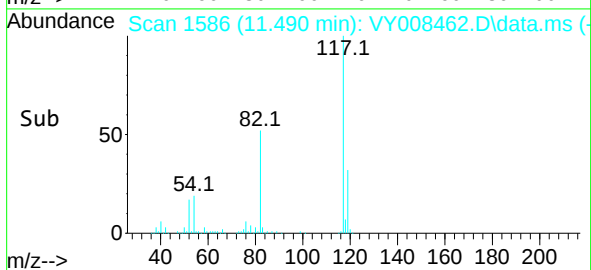
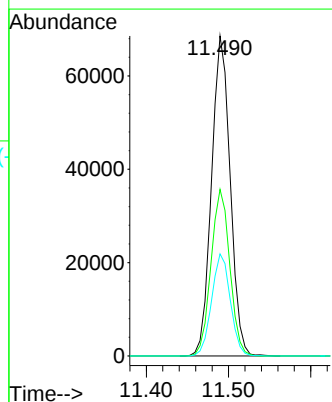
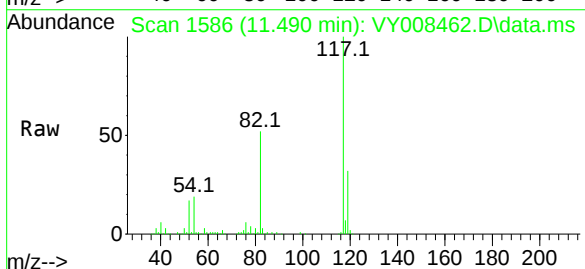
Instrument :
MSVOA_Y
ClientSampleId :

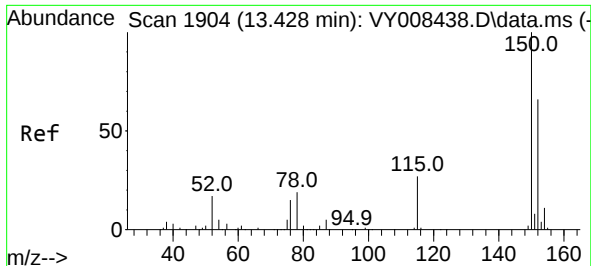
Tgt Ion: 95 Resp: 44509
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 80.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008462.D
Acq: 22 Apr 2022 14:14

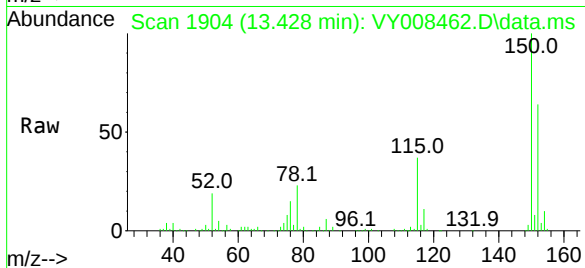
Tgt Ion: 117 Resp: 108030
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 31.9 25.4 38.0



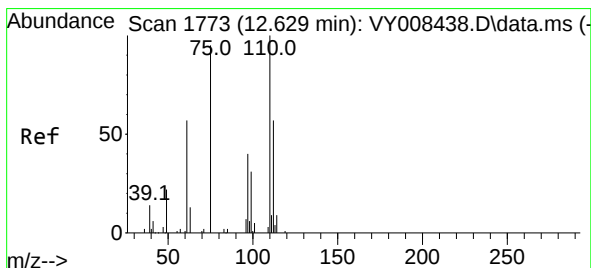
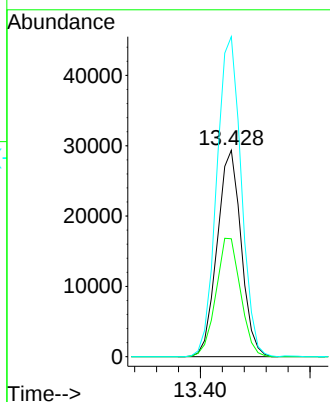
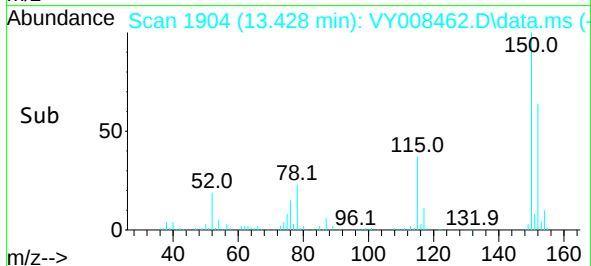


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008462.D
 Acq: 22 Apr 2022 14:14

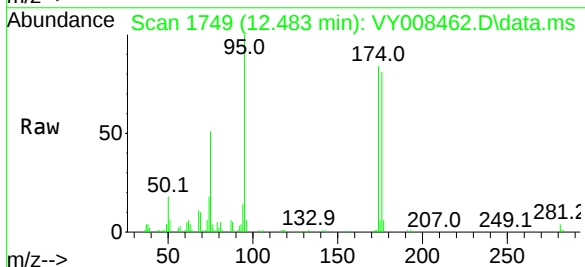
Instrument :
 MSVOA_Y
 ClientSampleId :



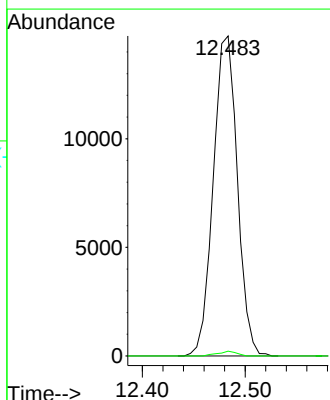
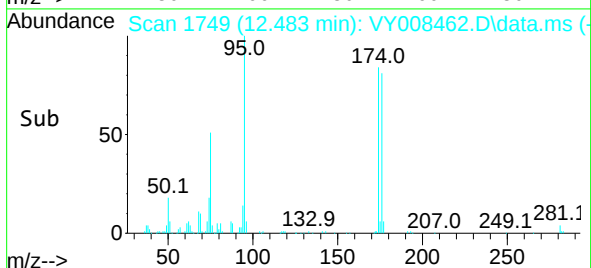
Tgt Ion:152 Resp: 44662
 Ion Ratio Lower Upper
 152 100
 115 58.8 28.2 84.7
 150 158.2 0.0 347.6

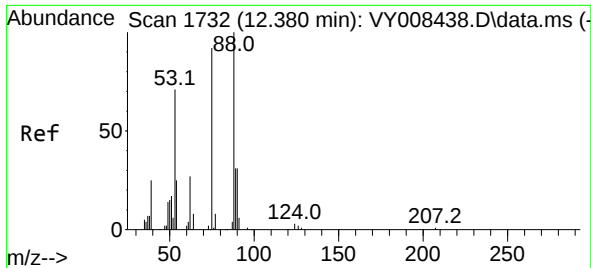


#76
 1,2,3-Trichloropropane
 Concen: 41.424 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008462.D
 Acq: 22 Apr 2022 14:14



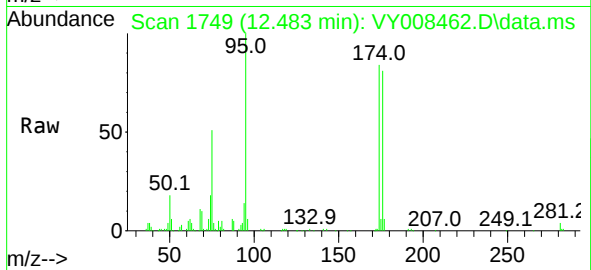
Tgt Ion: 75 Resp: 23943
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.099 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008462.D
 Acq: 22 Apr 2022 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

