

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042222\
 Data File : VY008459.D
 Acq On : 22 Apr 2022 13:04
 Operator : KP/MD
 Sample : N2511-01RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 01:51:46 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	100799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	179348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	170878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72940	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	56381	47.538	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.080%
35) Dibromofluoromethane	7.716	113	57968	50.081	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.160%
50) Toluene-d8	10.179	98	217460	47.267	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.540%
62) 4-Bromofluorobenzene	12.483	95	71795	46.064	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.120%

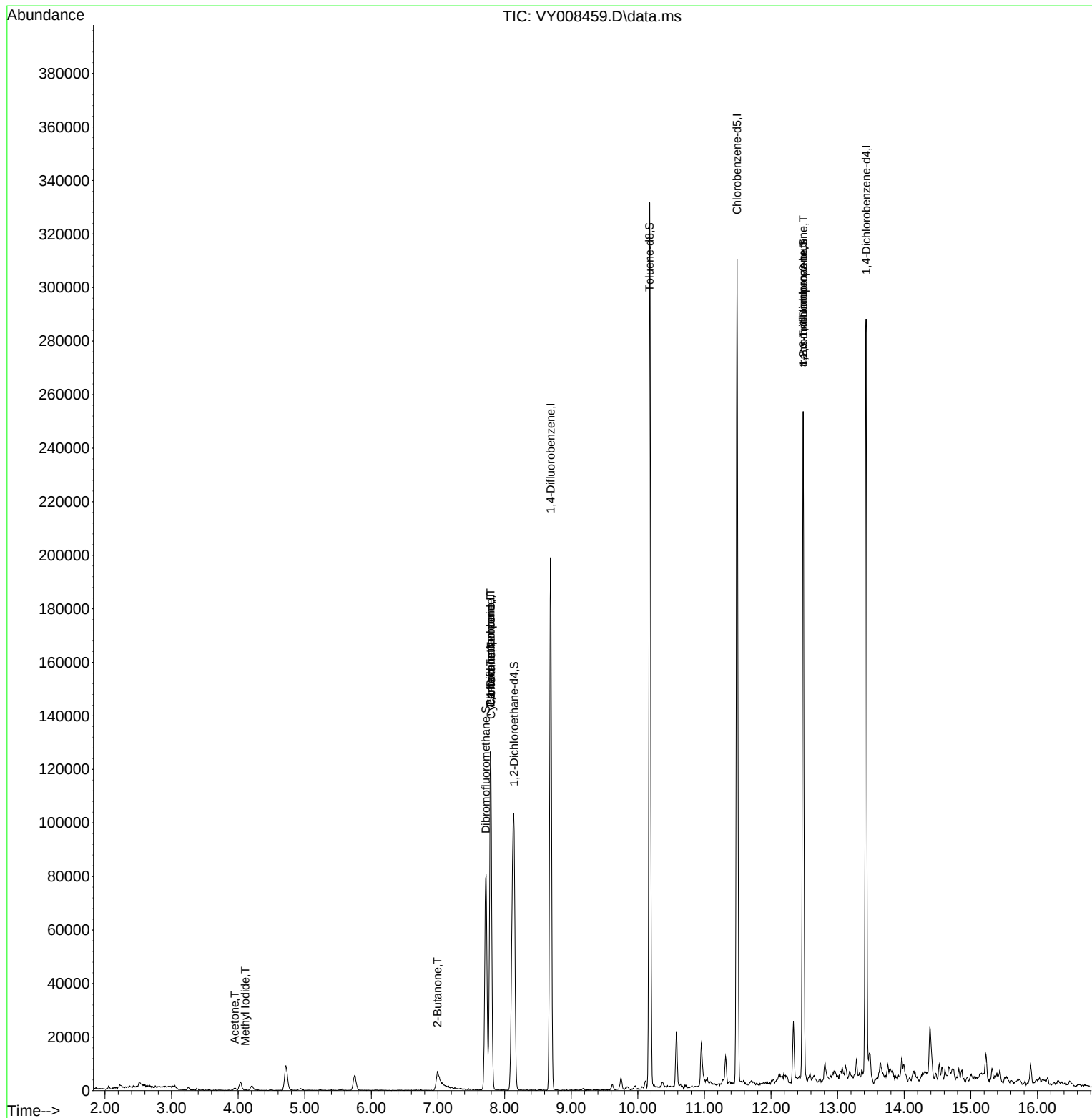
Target Compounds					Qvalue	
10) Methyl Iodide	4.107	142	224	1.834	ug/l #	35
11) Tert butyl alcohol	4.942	59	852	Below Cal	#	77
16) Acetone	3.948	43	1687	6.107	ug/l	92
20) Methylene Chloride	4.716	84	7446	Below Cal		85
25) 2-Butanone	6.990	43	501	1.172	ug/l #	54
31) Cyclohexane	7.795	56	2060	1.057	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7674	4.168	ug/l #	51
38) Carbon Tetrachloride	7.789	117	9499	4.966	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	38710	41.008	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38710	95.134	ug/l #	7

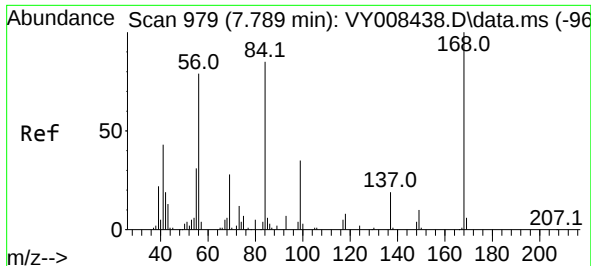
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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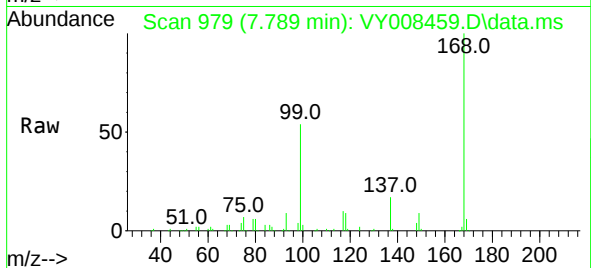
Quant Time: Apr 23 01:51:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
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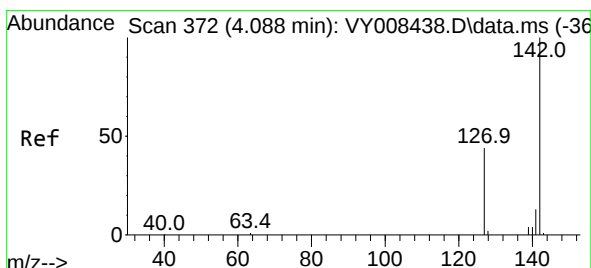
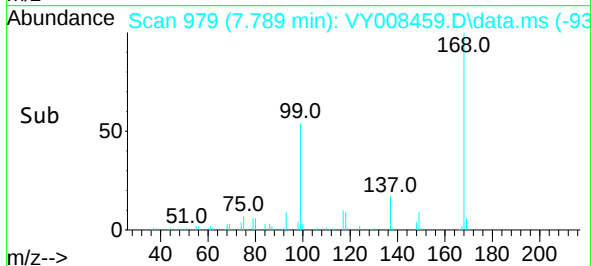
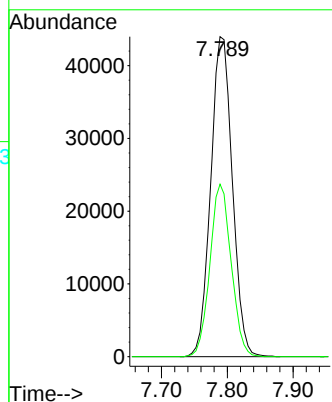


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008459.D
Acq: 22 Apr 2022 13:04

Instrument :
MSVOA_Y
ClientSampleId :

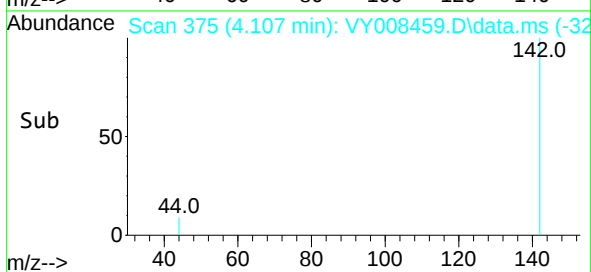
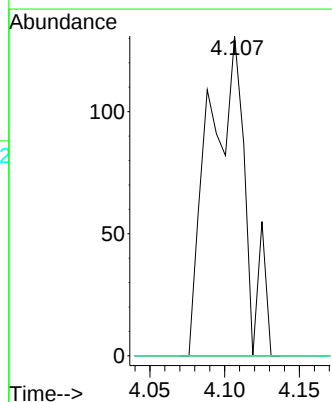
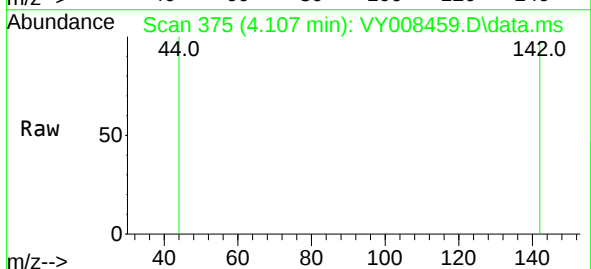


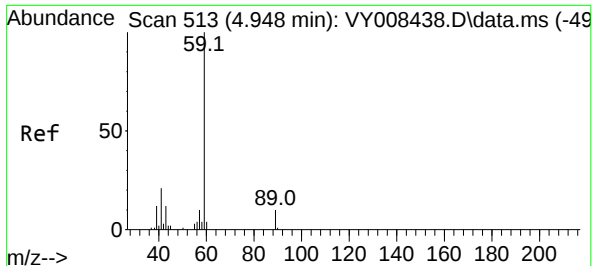
Tgt Ion:168 Resp: 100799
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#10
Methyl Iodide
Concen: 1.834 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY008459.D
Acq: 22 Apr 2022 13:04

Tgt Ion:142 Resp: 224
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

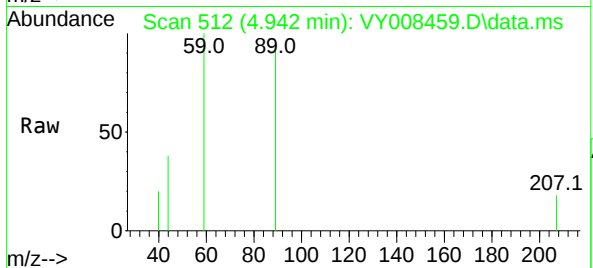
Lab File: VY008459.D

Acq: 22 Apr 2022 13:04

Instrument :

MSVOA_Y

ClientSampleId :

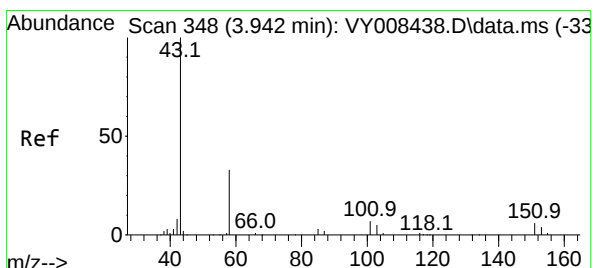
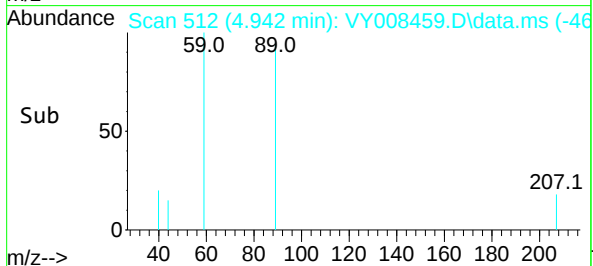
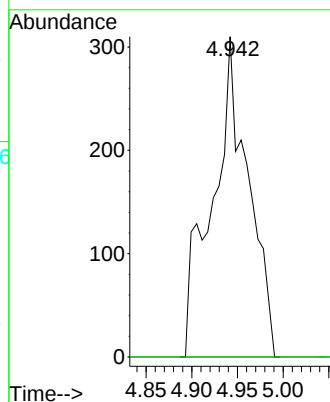


Tgt Ion: 59 Resp: 852

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 6.107 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY008459.D

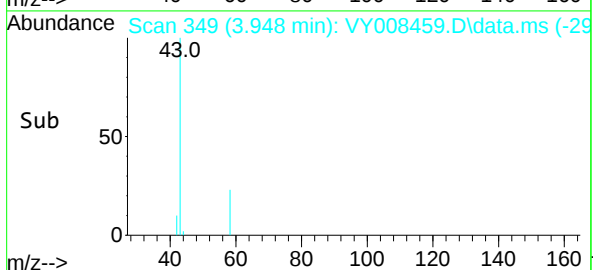
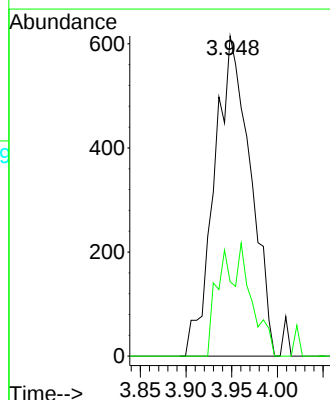
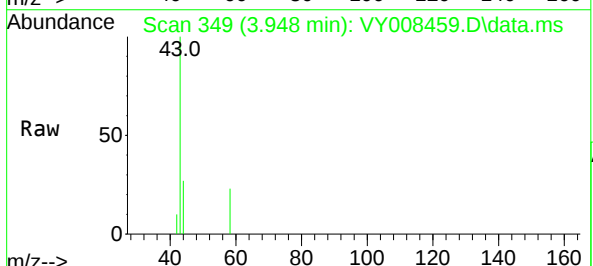
Acq: 22 Apr 2022 13:04

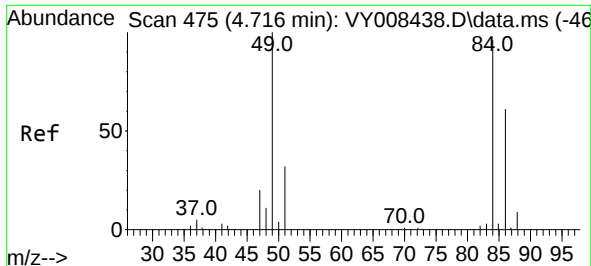
Tgt Ion: 43 Resp: 1687

Ion Ratio Lower Upper

43 100

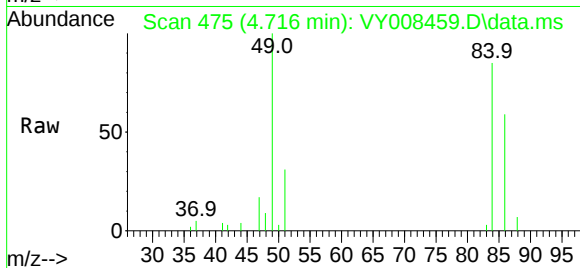
58 23.3 22.0 33.0





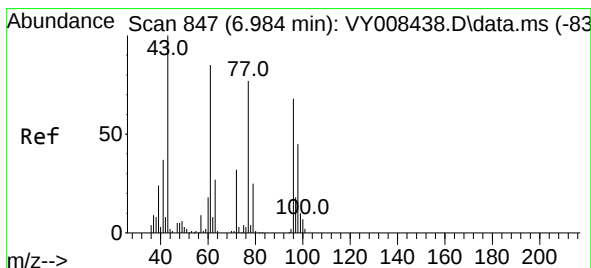
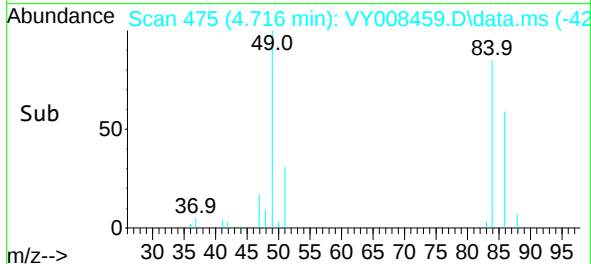
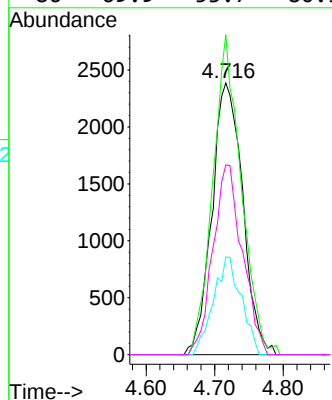
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008459.D
Acq: 22 Apr 2022 13:04

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 7446

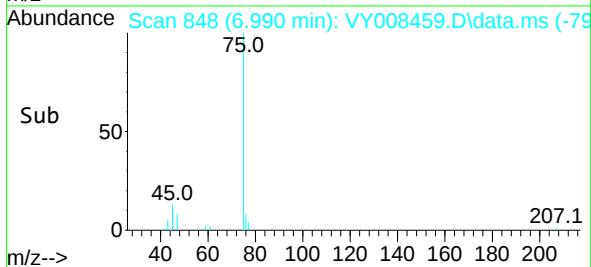
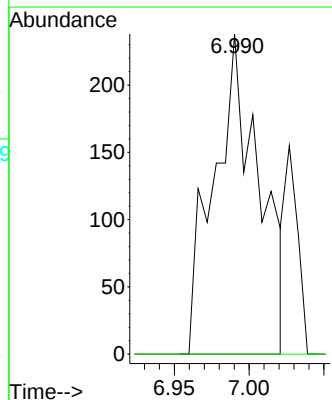
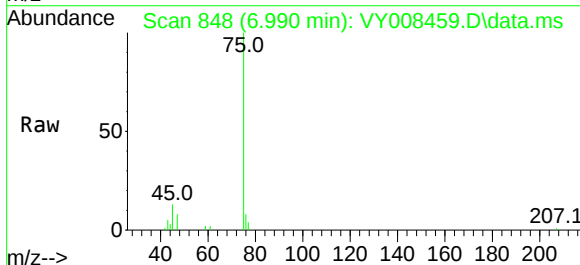
Ion	Ratio	Lower	Upper
84	100		
49	117.8	114.4	171.6
51	36.0	35.3	52.9
86	69.9	53.7	80.5

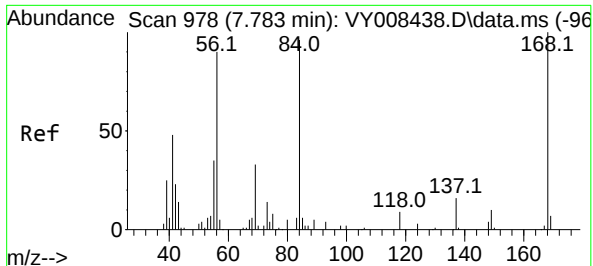


#25
2-Butanone
Concen: 1.172 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY008459.D
Acq: 22 Apr 2022 13:04

Tgt Ion: 43 Resp: 501

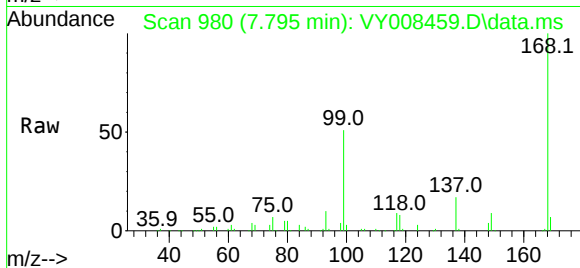
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#



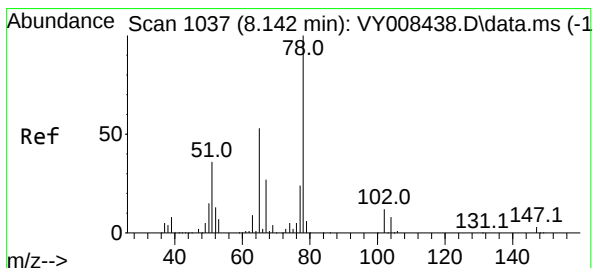
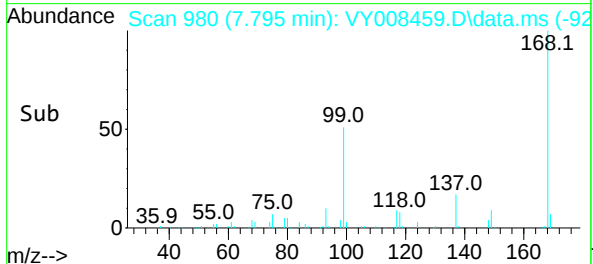
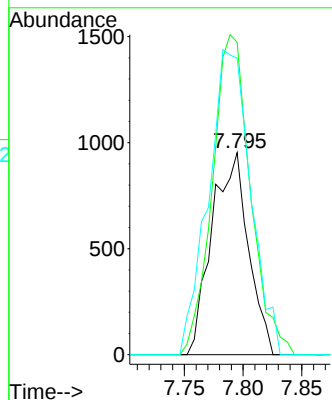


#31
Cyclohexane
Concen: 1.057 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY008459.D
Acq: 22 Apr 2022 13:04

Instrument :
MSVOA_Y
ClientSampleId :

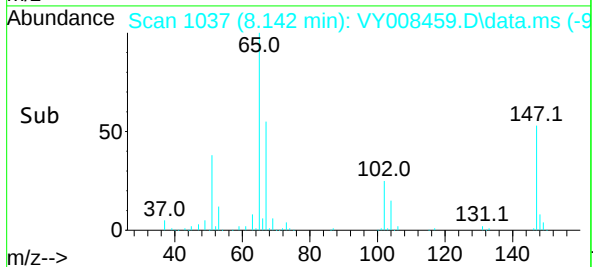
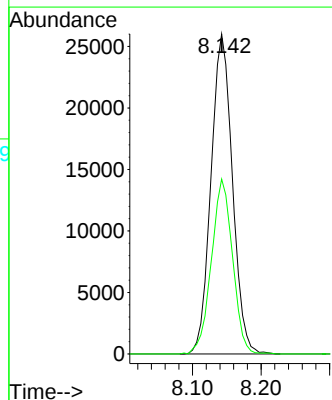
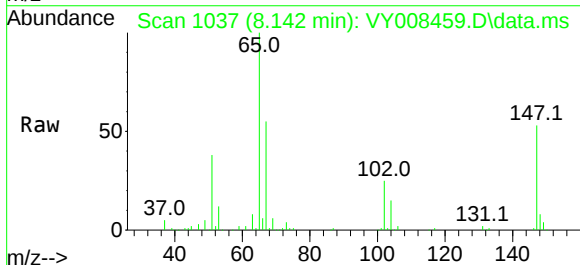


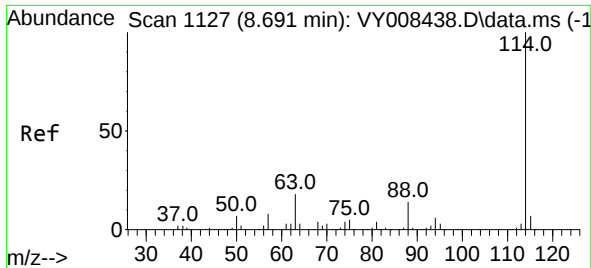
Tgt Ion: 56 Resp: 2060
Ion Ratio Lower Upper
56 100
69 154.6 26.7 40.1#
84 146.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 47.538 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008459.D
Acq: 22 Apr 2022 13:04

Tgt Ion: 65 Resp: 56381
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4

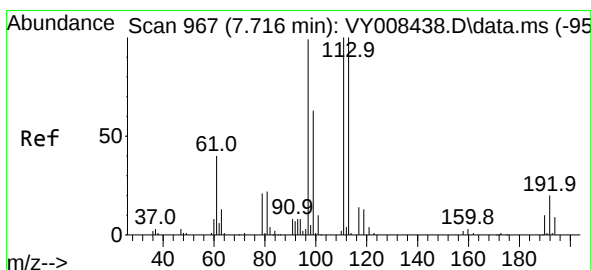
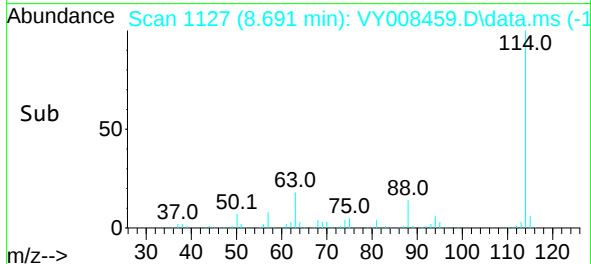
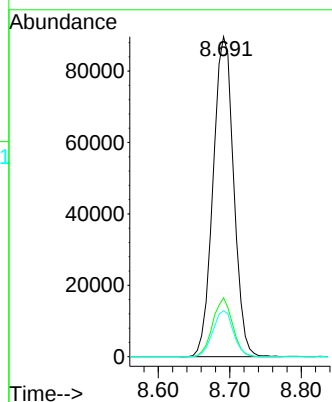
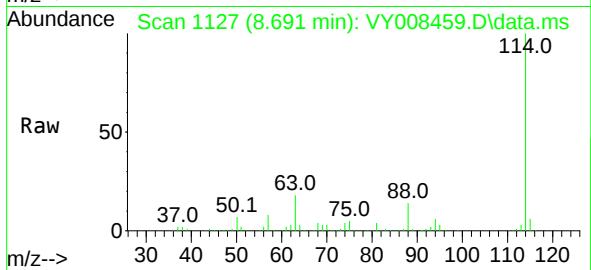




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008459.D
Acq: 22 Apr 2022 13:04

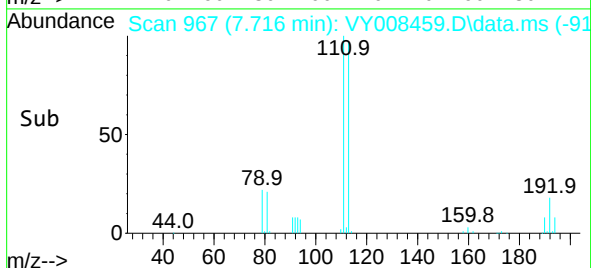
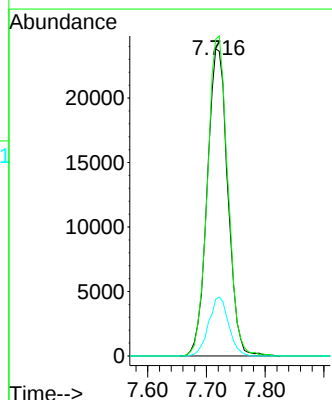
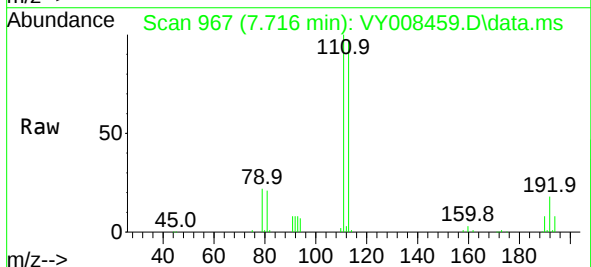
Instrument :
MSVOA_Y
ClientSampleId :

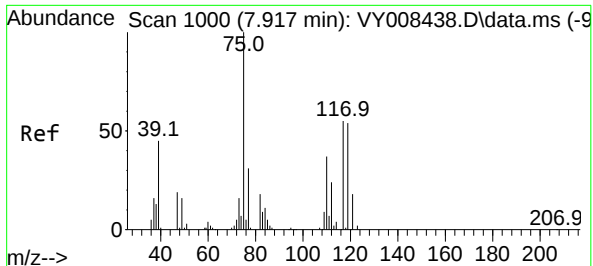
Tgt Ion:114 Resp: 179348
Ion Ratio Lower Upper
114 100
63 18.4 0.0 43.2
88 14.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.081 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008459.D
Acq: 22 Apr 2022 13:04

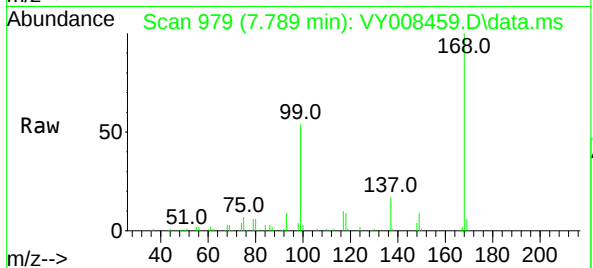
Tgt Ion:113 Resp: 57968
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 18.5 17.6 26.4



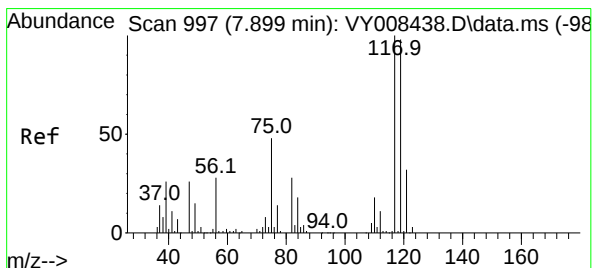
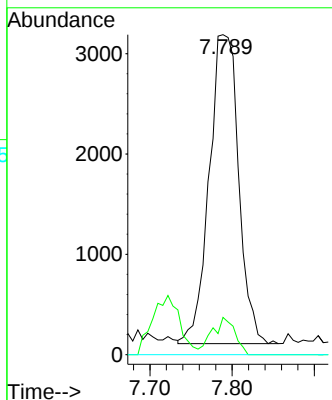
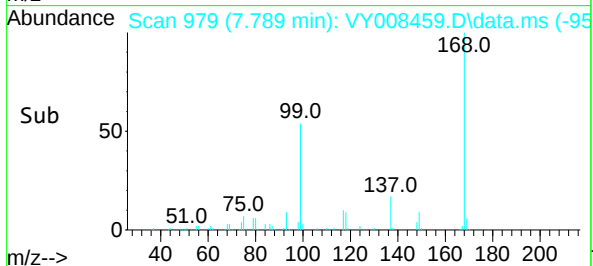


#36
1,1-Dichloropropene
Concen: 4.168 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008459.D
Acq: 22 Apr 2022 13:04

Instrument :
MSVOA_Y
ClientSampleId :

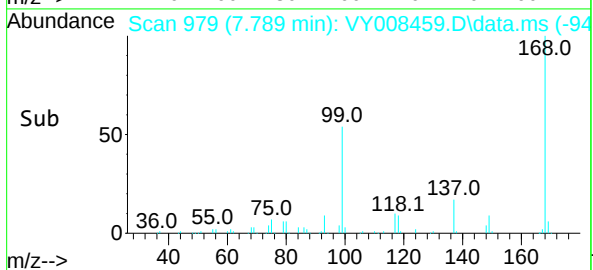
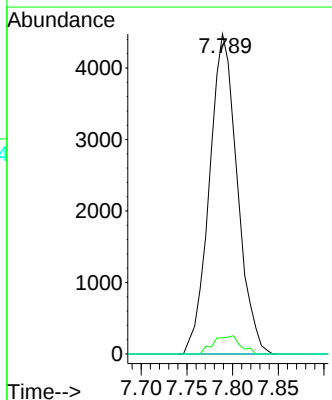
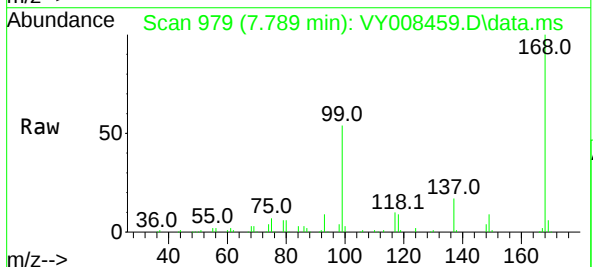


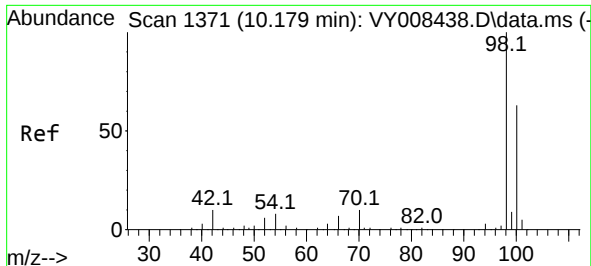
Tgt Ion: 75 Resp: 7674
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.966 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008459.D
Acq: 22 Apr 2022 13:04

Tgt Ion: 117 Resp: 9499
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#

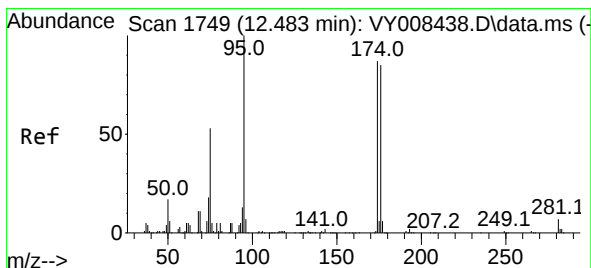
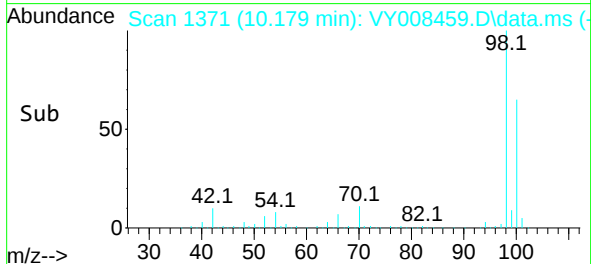
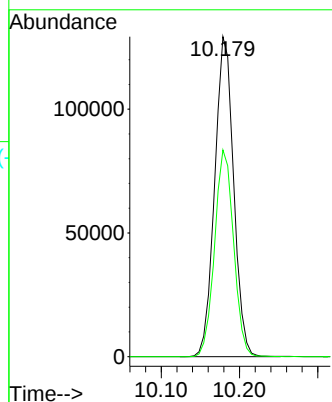
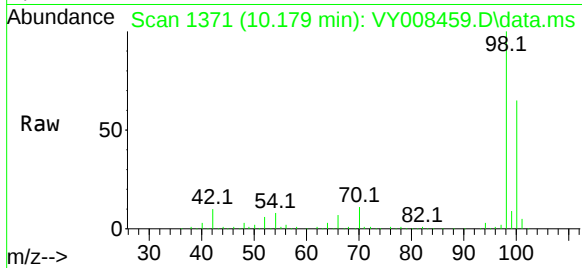




#50
Toluene-d8
Concen: 47.267 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008459.D
Acq: 22 Apr 2022 13:04

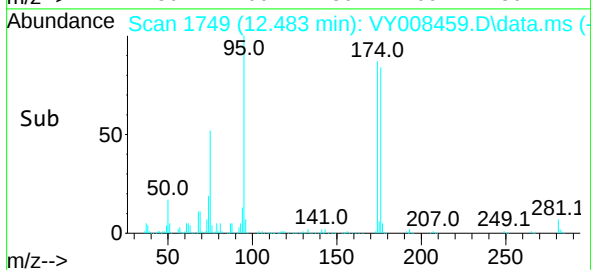
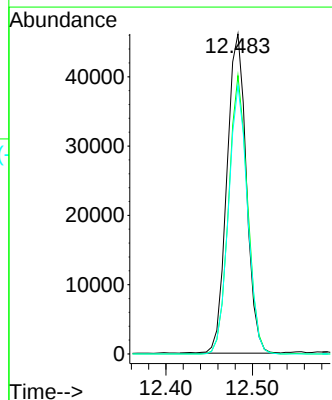
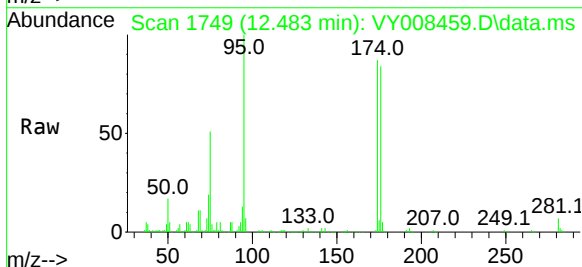
Instrument :
MSVOA_Y
ClientSampleId :

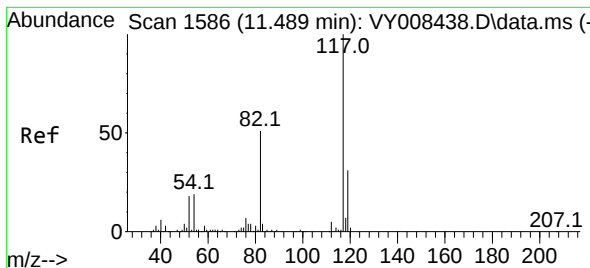
Tgt Ion: 98 Resp: 217460
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.064 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008459.D
Acq: 22 Apr 2022 13:04

Tgt Ion: 95 Resp: 71795
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 82.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

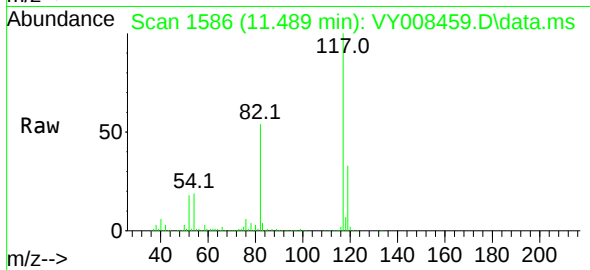
Lab File: VY008459.D

Acq: 22 Apr 2022 13:04

Instrument :

MSVOA_Y

ClientSampleId :



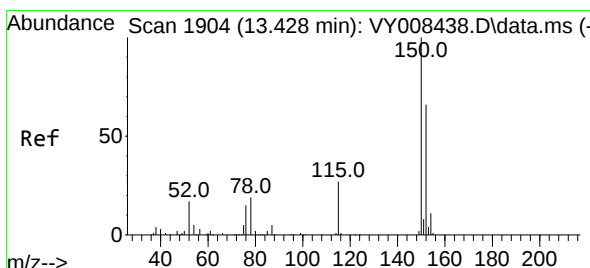
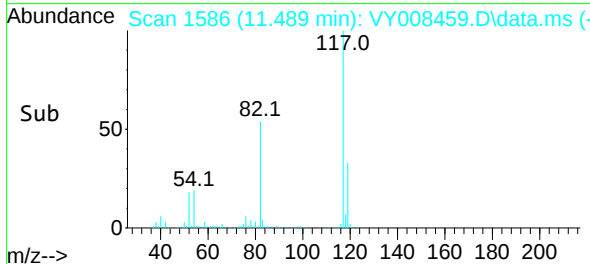
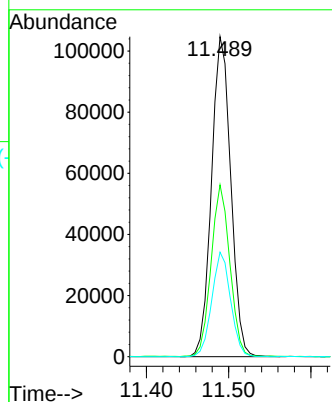
Tgt Ion:117 Resp: 170878

Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

119 32.6 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: VY008459.D

Acq: 22 Apr 2022 13:04

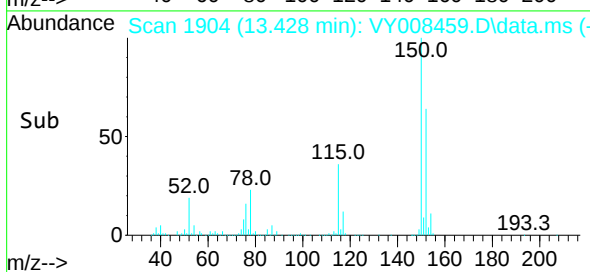
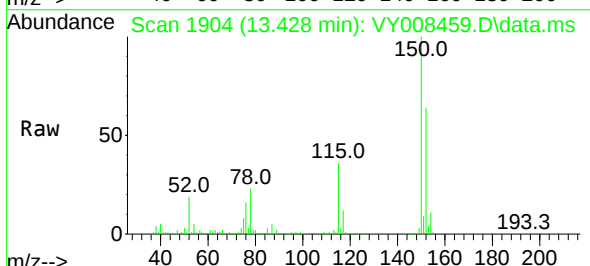
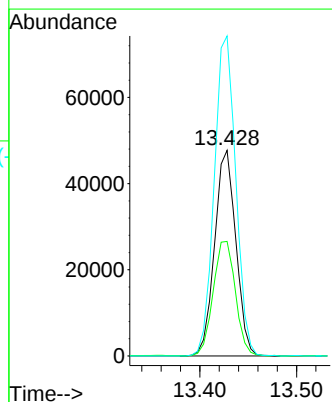
Tgt Ion:152 Resp: 72940

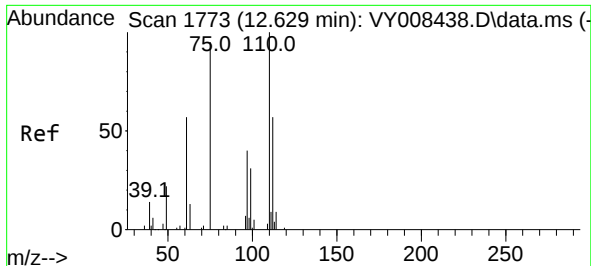
Ion Ratio Lower Upper

152 100

115 58.5 28.2 84.7

150 157.1 0.0 347.6

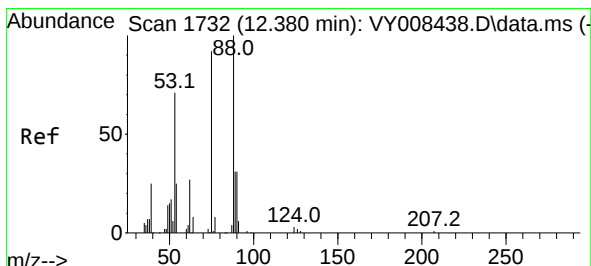
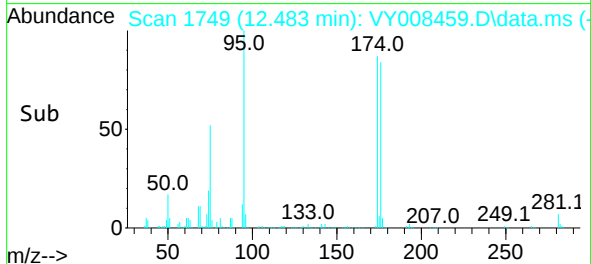
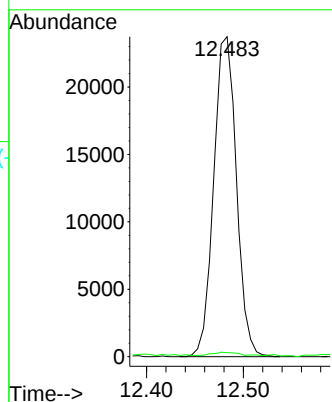
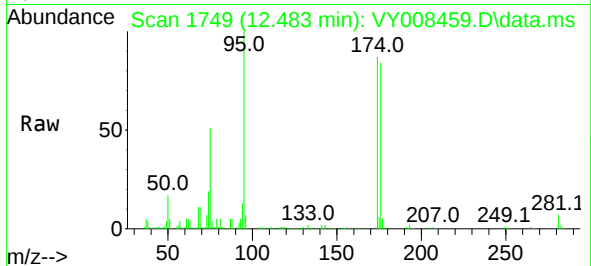




#76
1,2,3-Trichloropropane
Concen: 41.008 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008459.D
Acq: 22 Apr 2022 13:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 38710
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.134 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008459.D
Acq: 22 Apr 2022 13:04

Tgt Ion: 75 Resp: 38710
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

