

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008960.D
 Acq On : 21 May 2022 19:21
 Operator : KP/MD
 Sample : N2888-08
 Misc : 5.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P042-SS001-1824-01

Quant Time: May 21 21:32:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

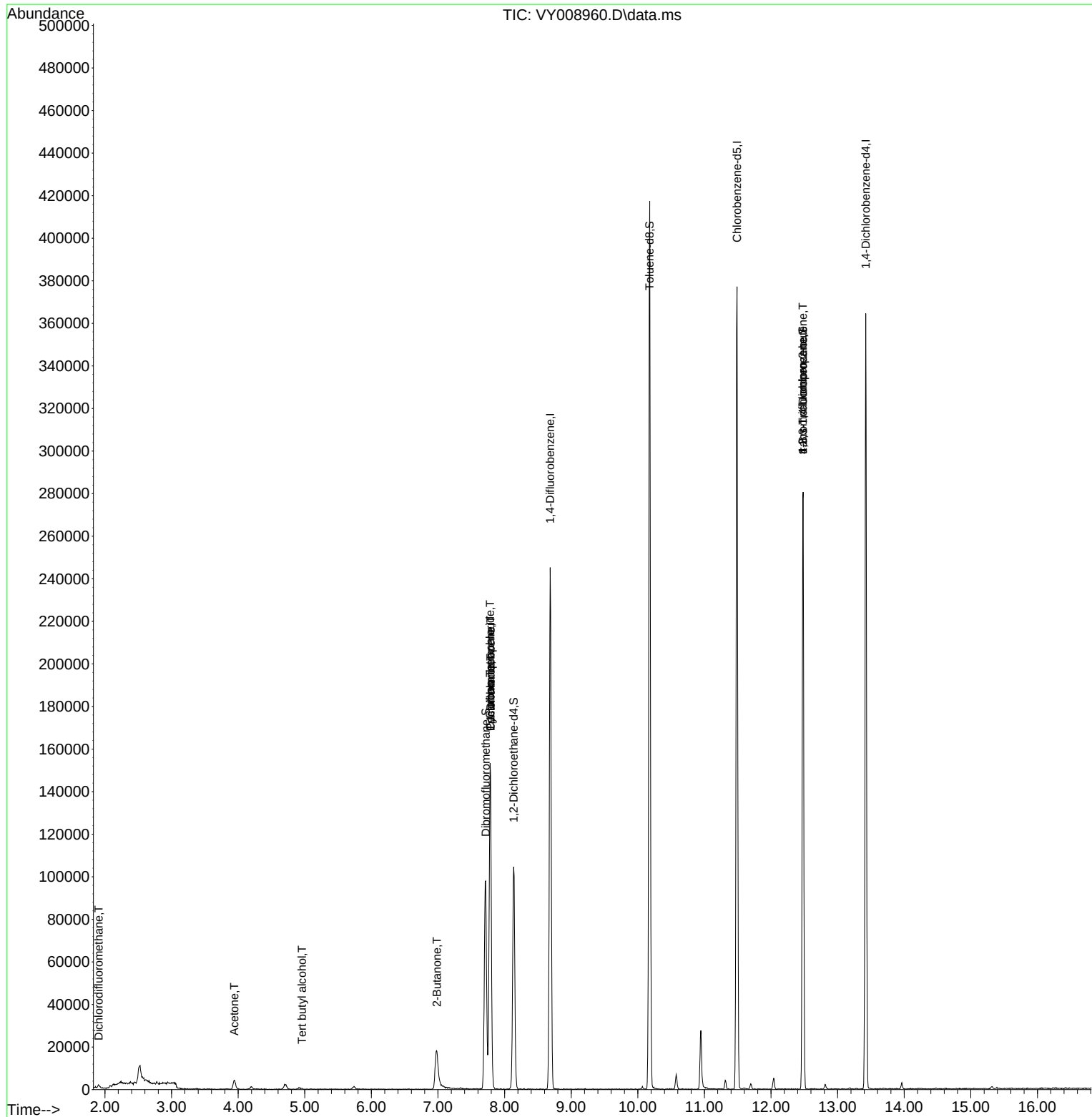
Internal Standards						
1) Pentafluorobenzene	7.789	168	115615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	203880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	196322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	84228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77219	64.896	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.800%	
35) Dibromofluoromethane	7.716	113	66738	52.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.280%	
50) Toluene-d8	10.179	98	260811	55.763	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.520%	
62) 4-Bromofluorobenzene	12.477	95	74569	39.523	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.040%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	1147	1.085	ug/l	95
11) Tert butyl alcohol	4.960	59	462	3.828	ug/l #	77
16) Acetone	3.942	43	7485	30.220	ug/l	95
20) Methylene Chloride	4.692	84	905	Below Cal	#	54
25) 2-Butanone	6.984	43	1576	3.562	ug/l	95
31) Cyclohexane	7.789	56	3085	1.325	ug/l #	37
36) 1,1-Dichloropropene	7.789	75	10207	4.731	ug/l #	51
38) Carbon Tetrachloride	7.783	117	12246	5.426	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	43509	48.102	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	43509	98.730	ug/l #	7

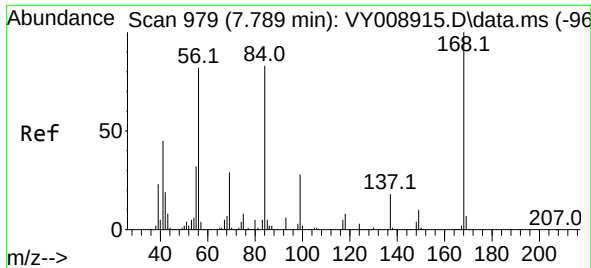
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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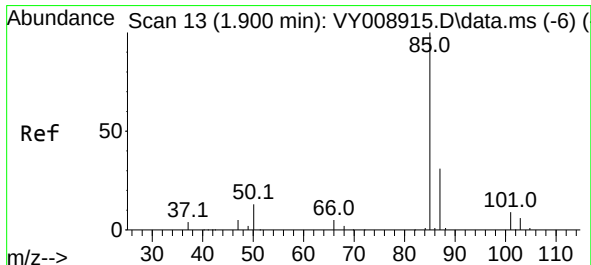
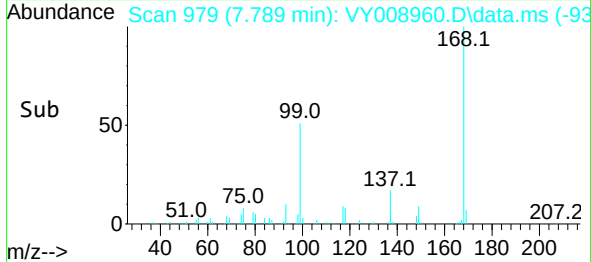
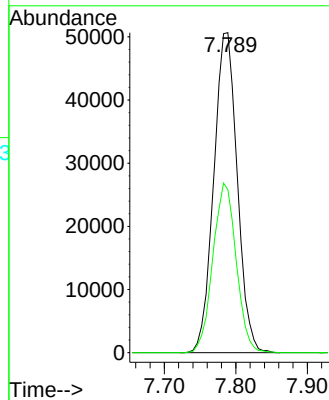
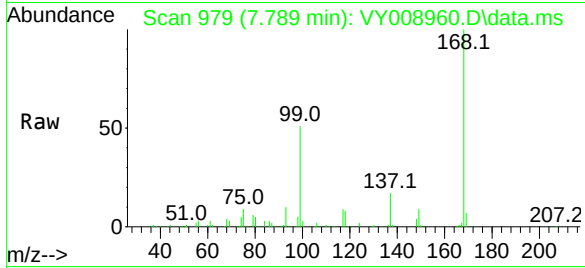




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008960.D
Acq: 21 May 2022 19:21

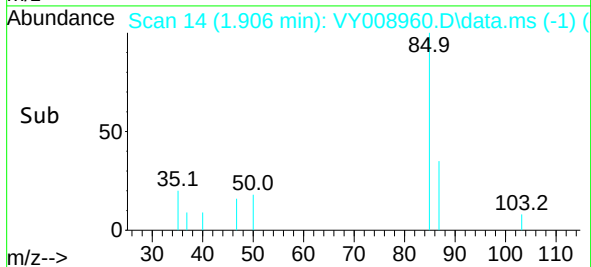
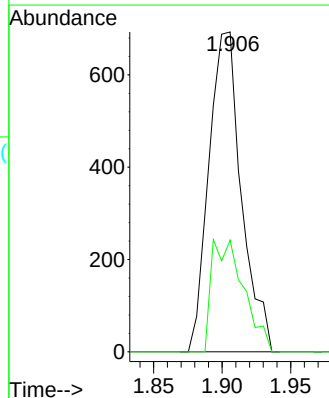
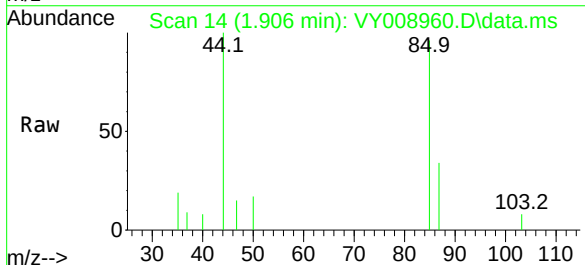
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-1824-01

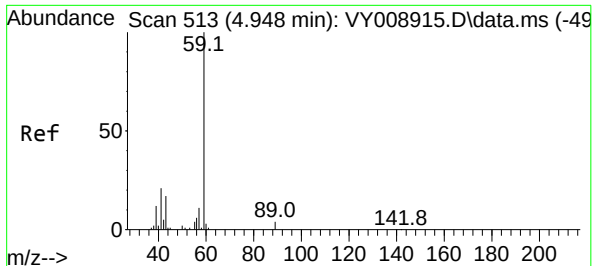
Tgt Ion:168 Resp: 115615
Ion Ratio Lower Upper
168 100
99 50.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.085 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY008960.D
Acq: 21 May 2022 19:21

Tgt Ion: 85 Resp: 1147
Ion Ratio Lower Upper
85 100
87 34.9 16.1 48.2





#11

Tert butyl alcohol

Concen: 3.828 ug/l

RT: 4.960 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY008960.D

Acq: 21 May 2022 19:21

Instrument :

MSVOA_Y

ClientSampleId :

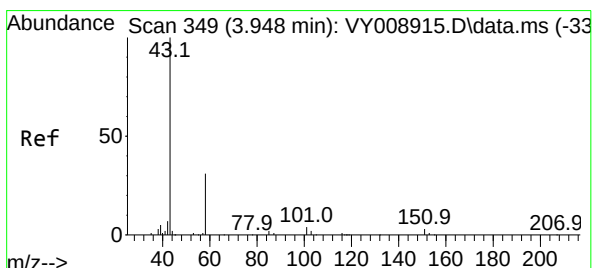
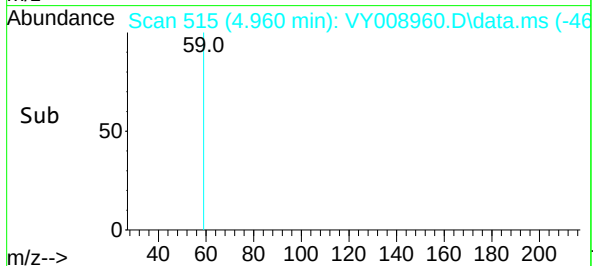
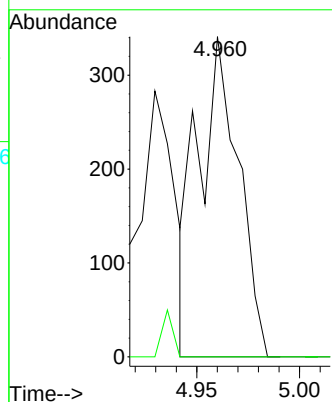
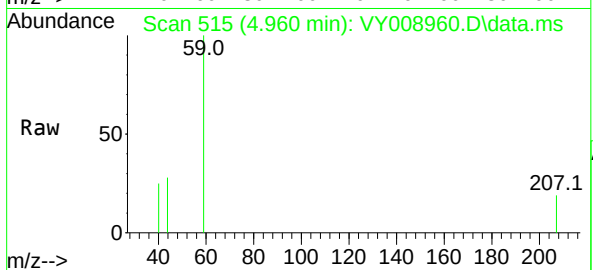
P042-SS001-1824-01

Tgt Ion: 59 Resp: 462

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 30.220 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY008960.D

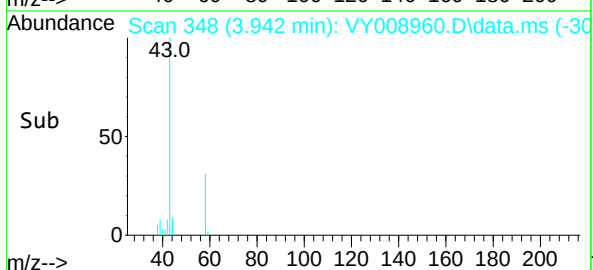
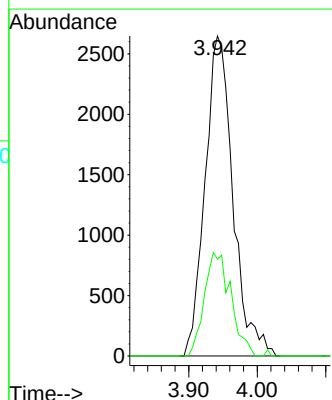
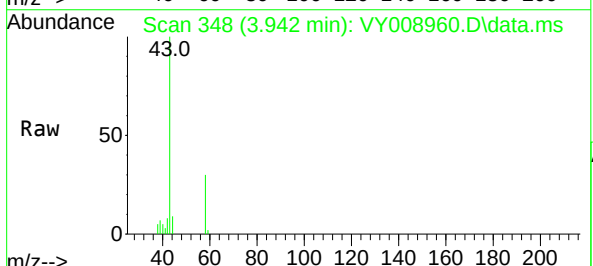
Acq: 21 May 2022 19:21

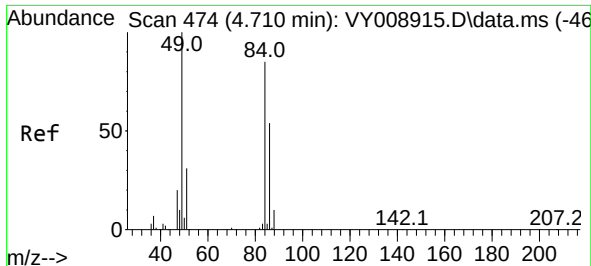
Tgt Ion: 43 Resp: 7485

Ion Ratio Lower Upper

43 100

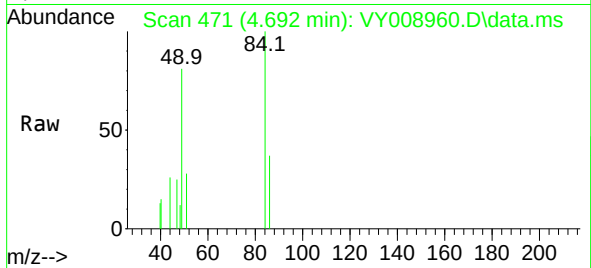
58 30.2 22.0 33.0



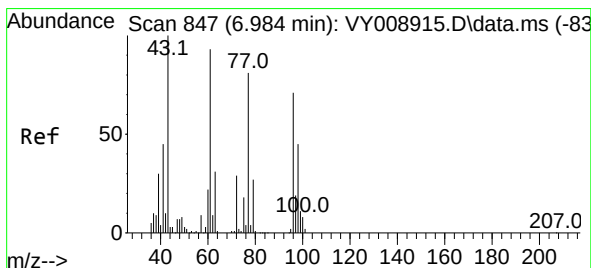
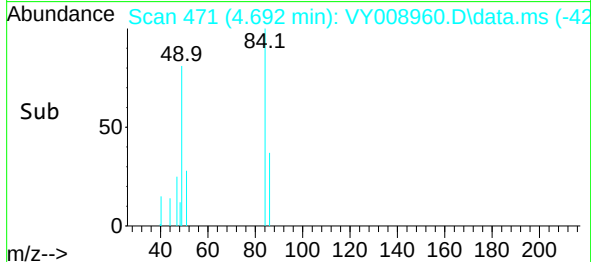
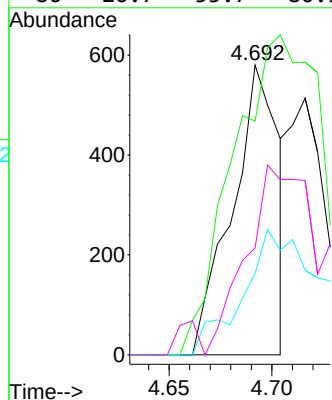


#20
Methylene Chloride
Concen: Below Cal
RT: 4.692 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY008960.D
Acq: 21 May 2022 19:21

Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-1824-01

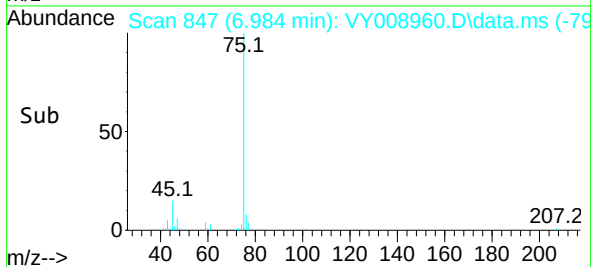
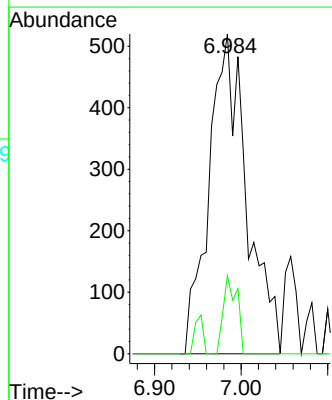
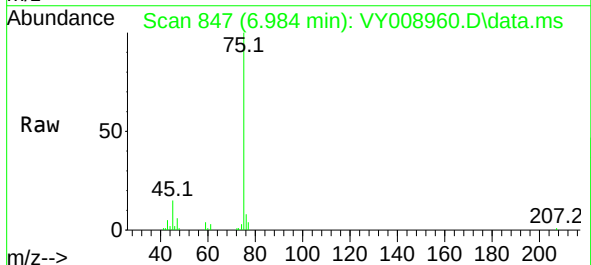


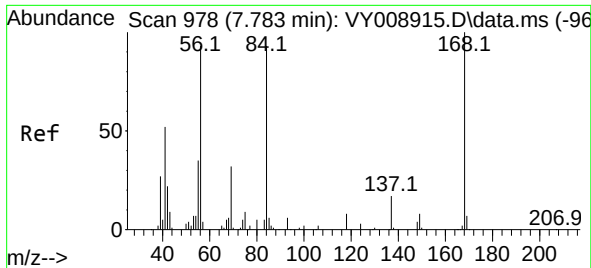
Tgt Ion: 84 Resp: 905
Ion Ratio Lower Upper
84 100
49 80.7 114.4 171.6#
51 28.1 35.3 52.9#
86 26.7 53.7 80.5#



#25
2-Butanone
Concen: 3.562 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008960.D
Acq: 21 May 2022 19:21

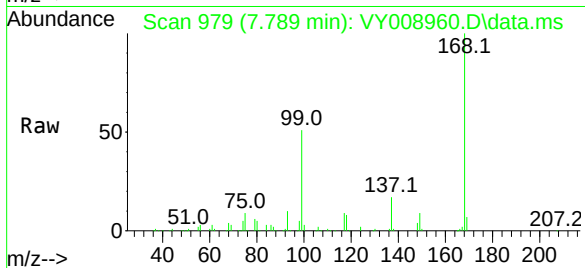
Tgt Ion: 43 Resp: 1576
Ion Ratio Lower Upper
43 100
72 24.4 17.7 26.5



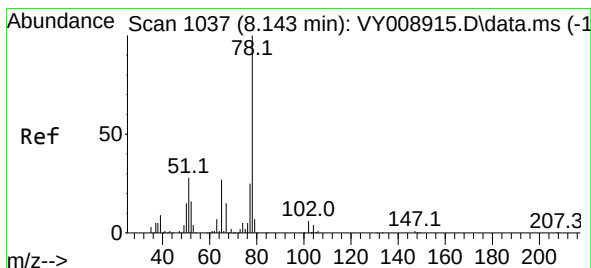
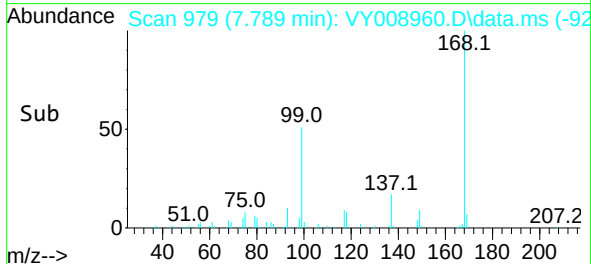
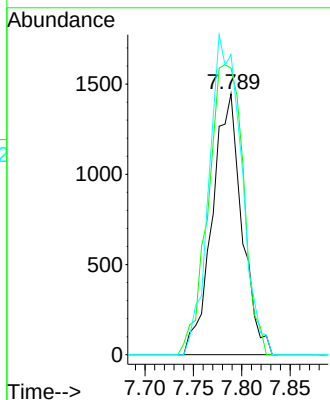


#31
Cyclohexane
Concen: 1.325 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008960.D
Acq: 21 May 2022 19:21

Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-1824-01

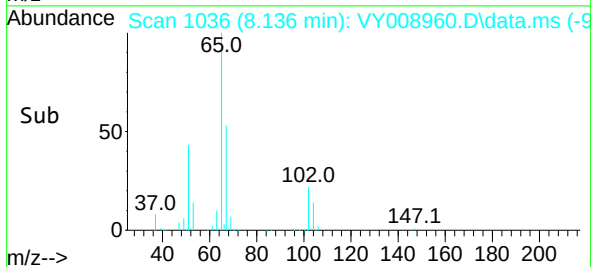
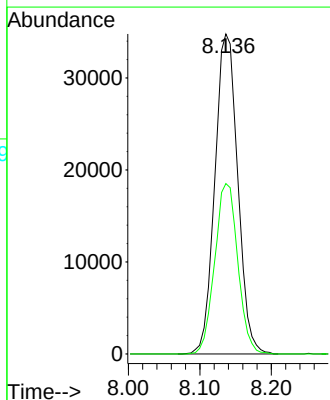
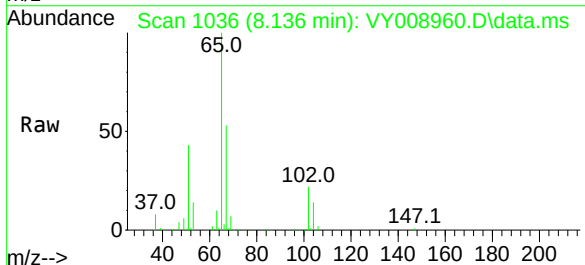


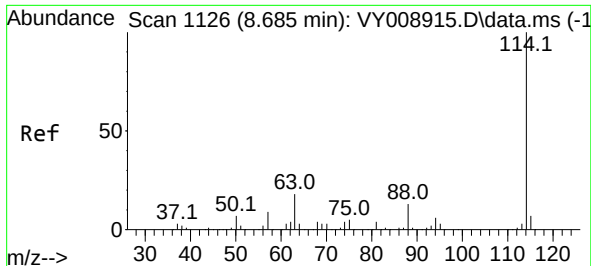
Tgt Ion: 56 Resp: 3085
Ion Ratio Lower Upper
56 100
69 109.9 26.7 40.1#
84 115.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 64.896 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008960.D
Acq: 21 May 2022 19:21

Tgt Ion: 65 Resp: 77219
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY008960.D

Acq: 21 May 2022 19:21

Instrument :

MSVOA_Y

ClientSampleId :

P042-SS001-1824-01

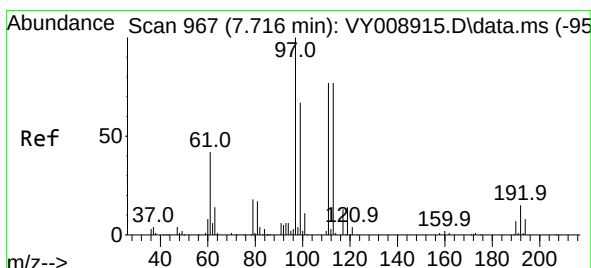
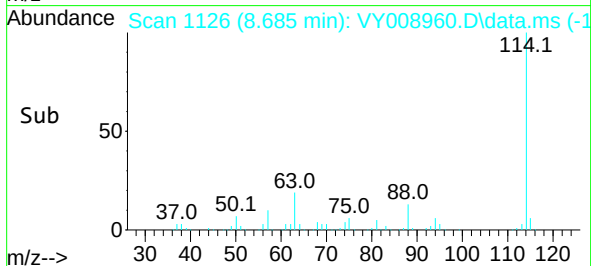
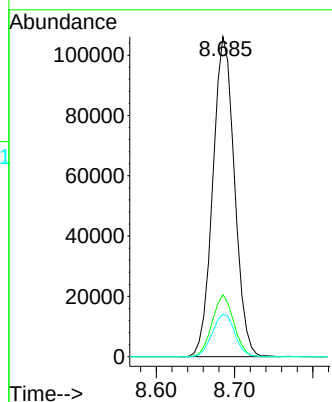
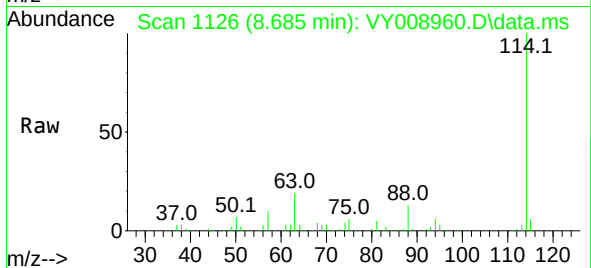
Tgt Ion:114 Resp: 203880

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 13.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.640 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008960.D

Acq: 21 May 2022 19:21

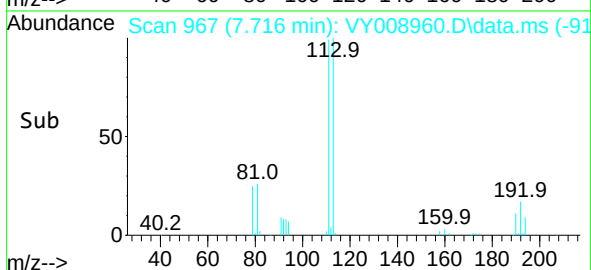
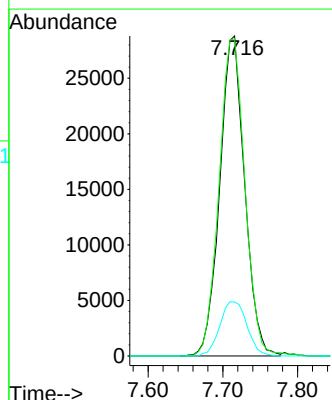
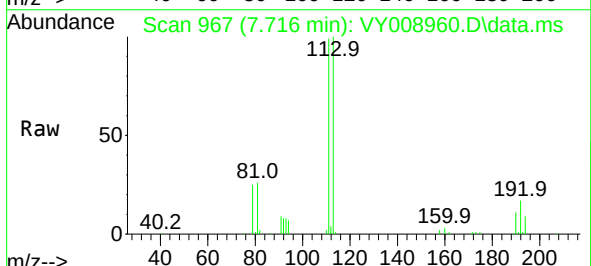
Tgt Ion:113 Resp: 66738

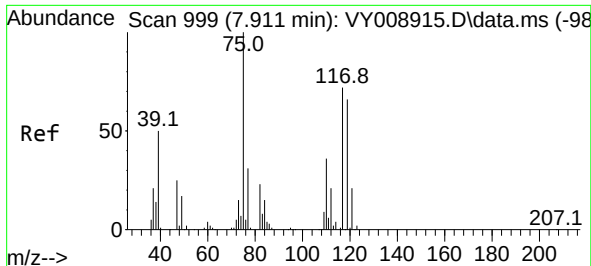
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 18.5 17.6 26.4

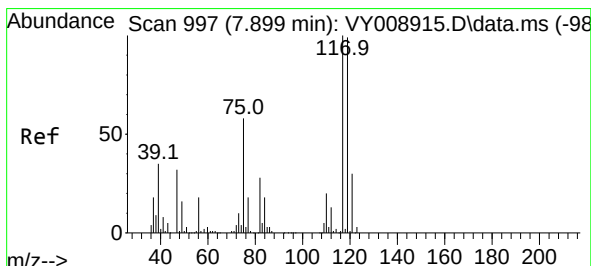
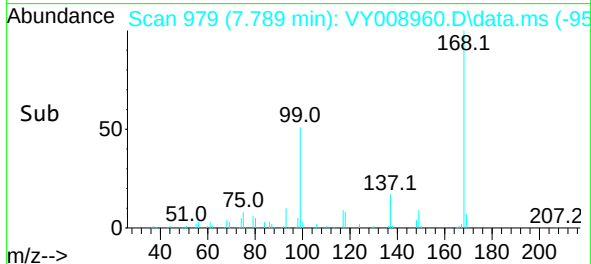
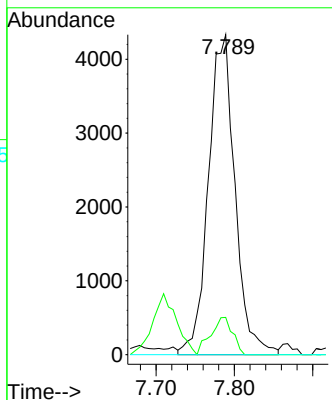
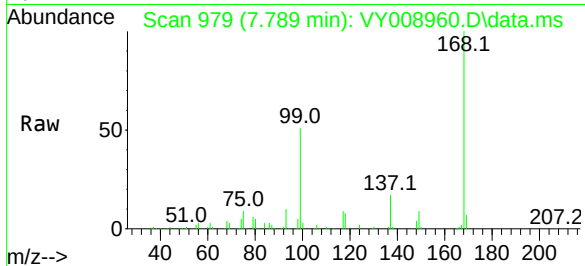




#36
1,1-Dichloropropene
Concen: 4.731 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY008960.D
Acq: 21 May 2022 19:21

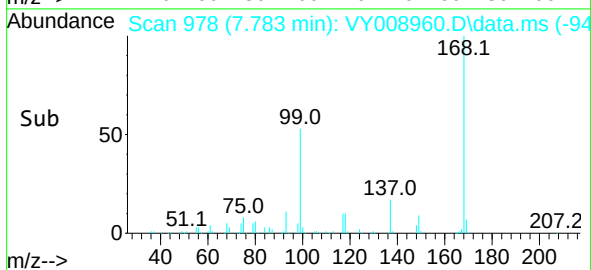
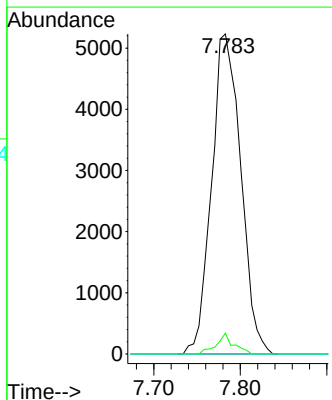
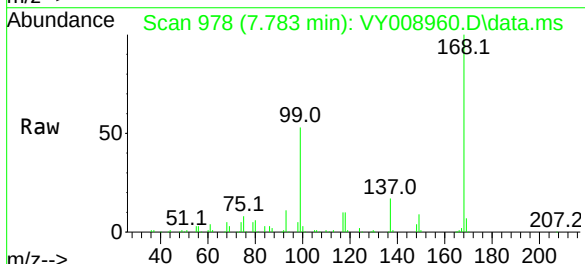
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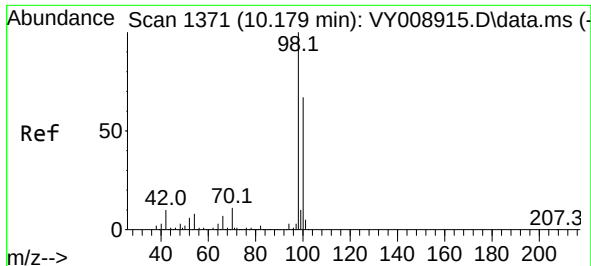
Tgt Ion: 75 Resp: 10207
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.426 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY008960.D
Acq: 21 May 2022 19:21

Tgt Ion: 117 Resp: 12246
Ion Ratio Lower Upper
117 100
119 6.5 77.9 116.9#
121 0.0 24.8 37.2#

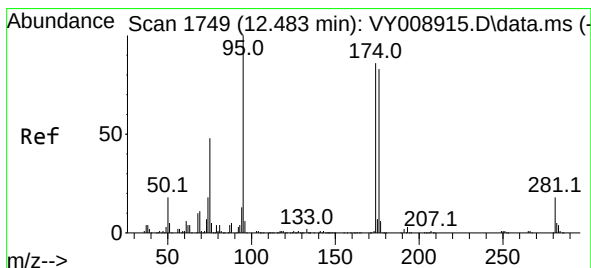
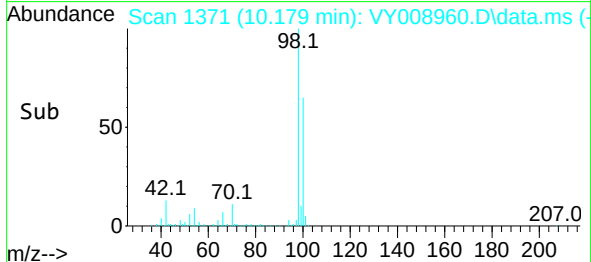
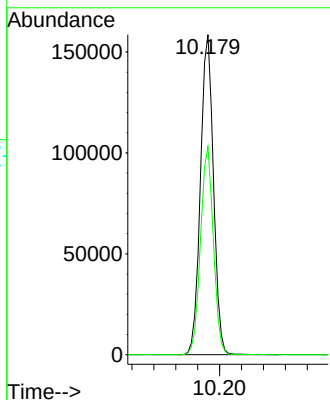
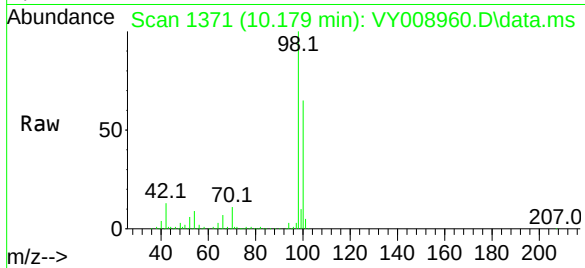




#50
Toluene-d8
Concen: 55.763 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008960.D
Acq: 21 May 2022 19:21

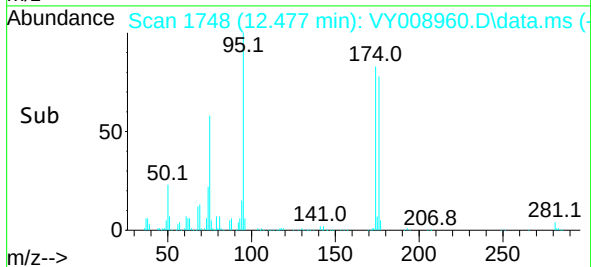
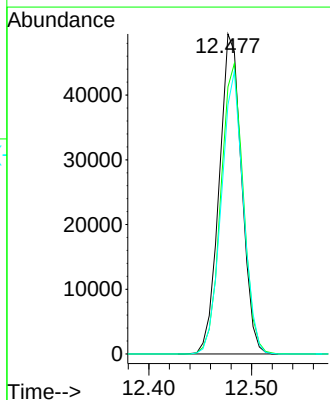
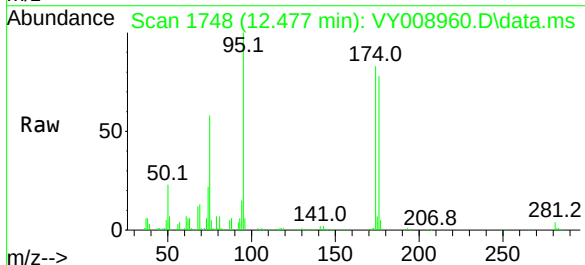
Instrument :
MSVOA_Y
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P042-SS001-1824-01

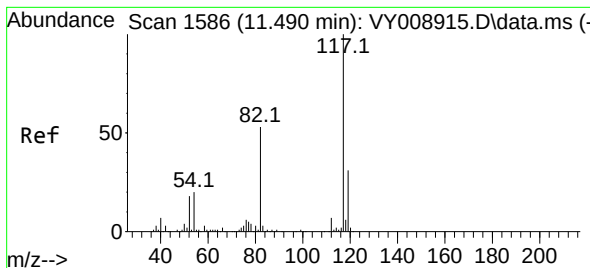
Tgt Ion: 98 Resp: 260811
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.523 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008960.D
Acq: 21 May 2022 19:21

Tgt Ion: 95 Resp: 74569
Ion Ratio Lower Upper
95 100
174 91.0 0.0 177.0
176 86.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY008960.D

Acq: 21 May 2022 19:21

Instrument :

MSVOA_Y

ClientSampleId :

P042-SS001-1824-01

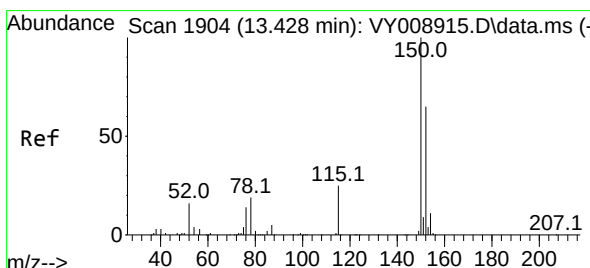
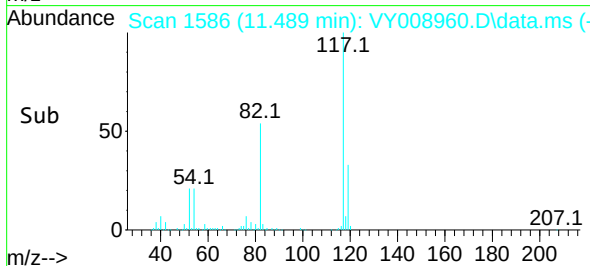
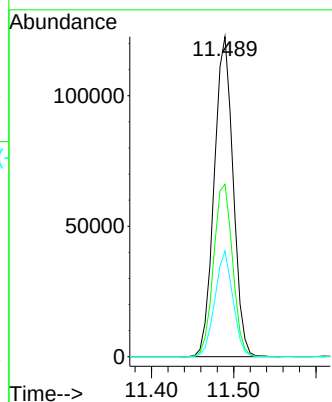
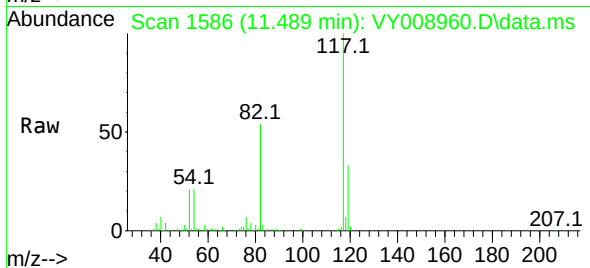
Tgt Ion:117 Resp: 196322

Ion Ratio Lower Upper

117 100

82 53.9 43.0 64.4

119 33.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY008960.D

Acq: 21 May 2022 19:21

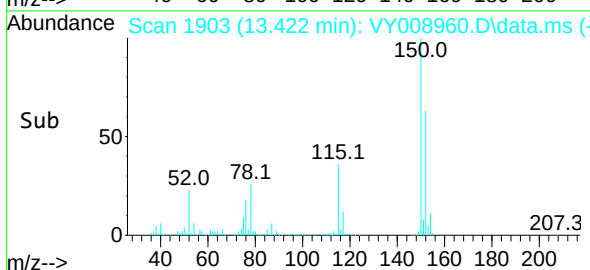
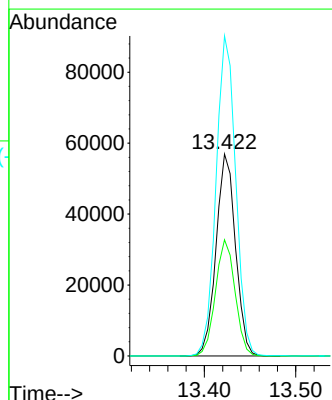
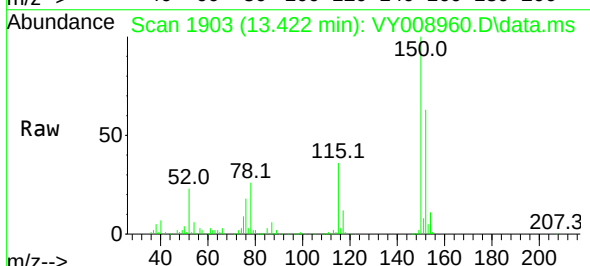
Tgt Ion:152 Resp: 84228

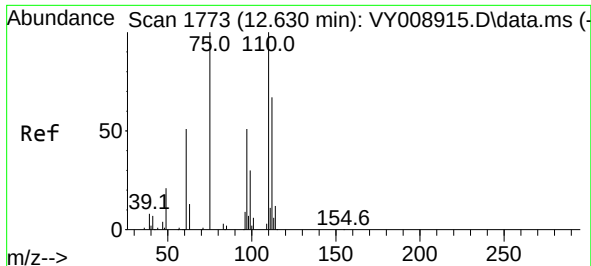
Ion Ratio Lower Upper

152 100

115 57.9 28.2 84.7

150 160.4 0.0 347.6

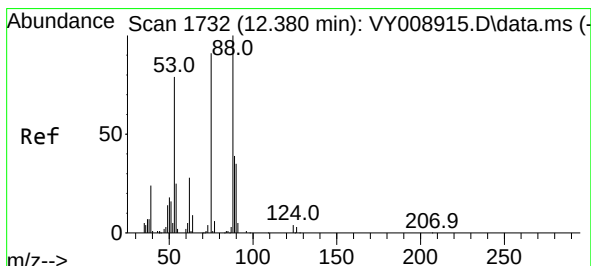
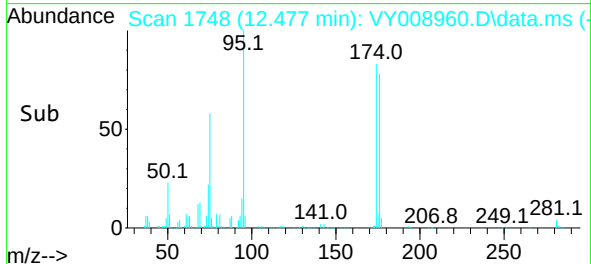
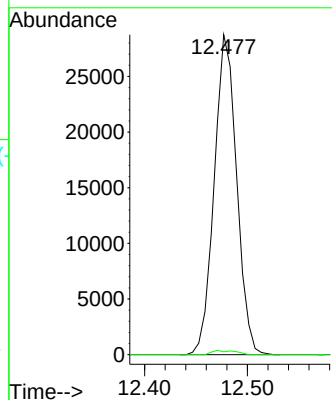
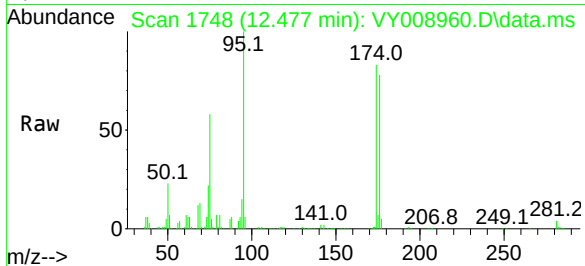




#76
1,2,3-Trichloropropane
Concen: 48.102 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY008960.D
Acq: 21 May 2022 19:21

Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-1824-01

Tgt Ion: 75 Resp: 43509
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.730 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY008960.D
Acq: 21 May 2022 19:21

Tgt Ion: 75 Resp: 43509
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

