

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008874.D
 Acq On : 19 May 2022 17:45
 Operator : KP/MD
 Sample : N2841-13
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P006-SS002-1218-01

Quant Time: May 20 02:53:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

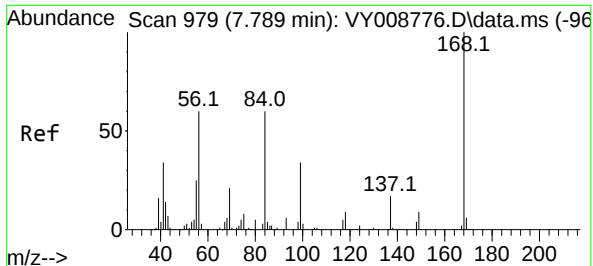
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	132590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	239424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	229322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	84409	68.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.240%	
35) Dibromofluoromethane	7.716	113	77122	55.130	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.260%	
50) Toluene-d8	10.179	98	305970	49.257	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.520%	
62) 4-Bromofluorobenzene	12.483	95	88923	40.765	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.540%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	99	Below Cal	#	43
3) Chloromethane	2.119	50	118	Below Cal	#	75
4) Vinyl Chloride	2.229	62	19	Below Cal	#	43
5) Bromomethane	2.656	94	94	Below Cal	#	58
6) Chloroethane	2.912	64	92	Below Cal	#	43
7) Trichlorofluoromethane	3.113	101	20	Below Cal	#	21
16) Acetone	3.942	43	711	Below Cal	#	47
18) Methyl Acetate	4.485	43	21	Below Cal	#	56
20) Methylene Chloride	4.716	84	3999	Below Cal	#	68
31) Cyclohexane	7.783	56	3557	Below Cal	#	56
36) 1,1-Dichloropropene	7.789	75	10957	4.890	ug/l #	50
38) Carbon Tetrachloride	7.789	117	13130	5.468	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	51448	44.465	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51448	97.257	ug/l #	7

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

Quant Time: May 20 02:53:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
Response via : Initial Calibration

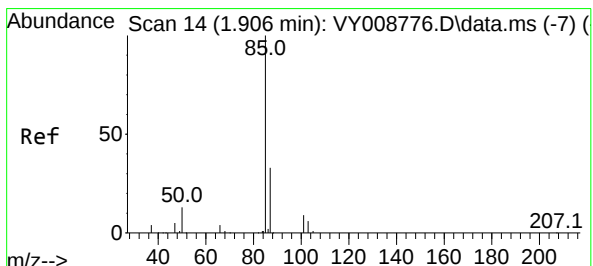
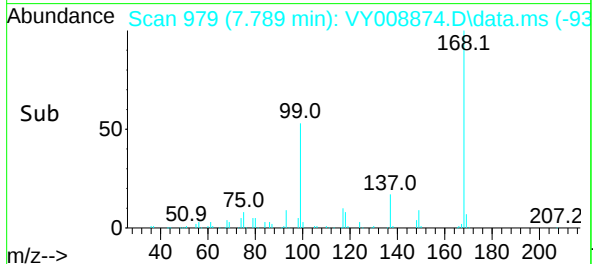
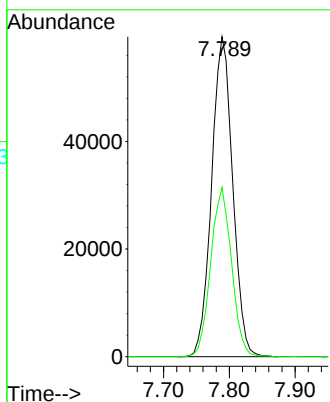
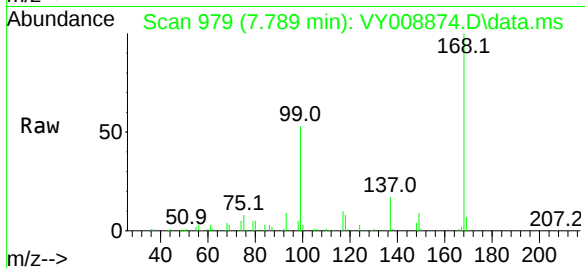




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008874.D
Acq: 19 May 2022 17:45

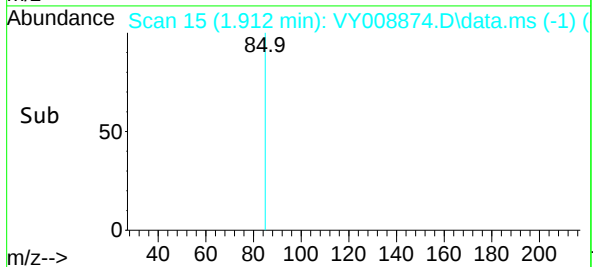
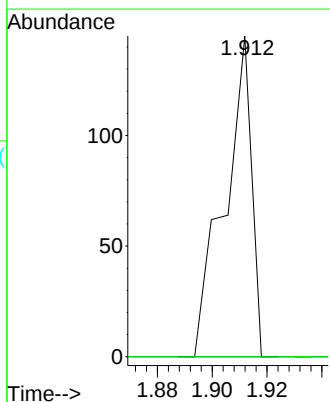
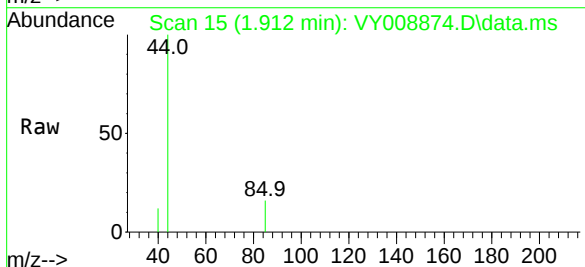
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-1218-01

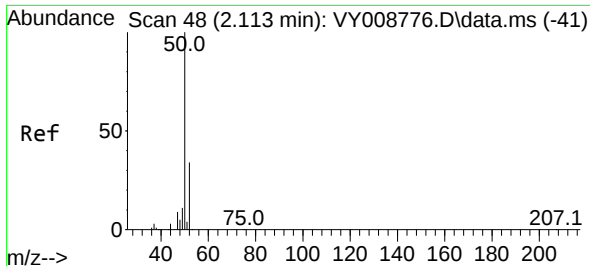
Tgt Ion:168 Resp: 132590
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY008874.D
Acq: 19 May 2022 17:45

Tgt Ion: 85 Resp: 99
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

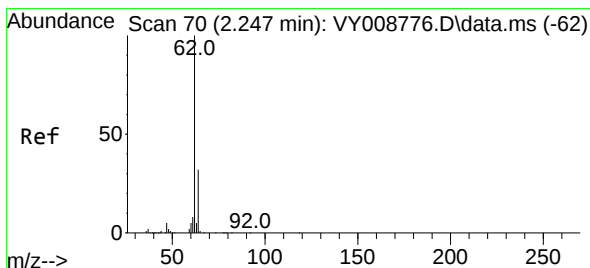
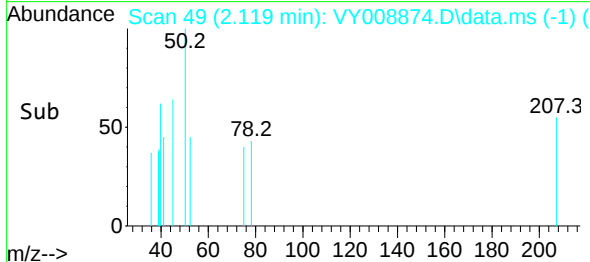
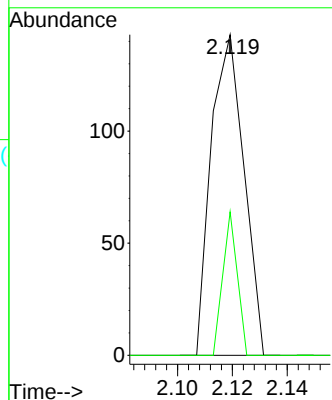
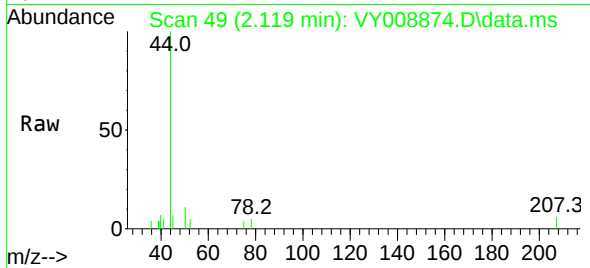




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008874.D
Acq: 19 May 2022 17:45

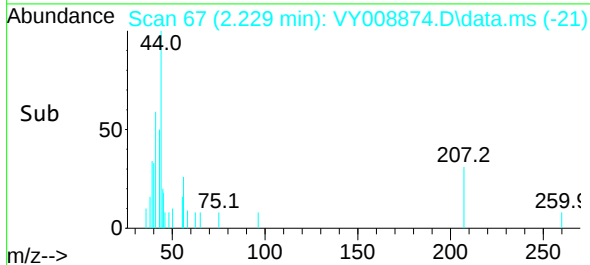
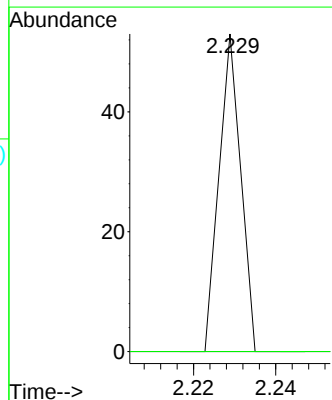
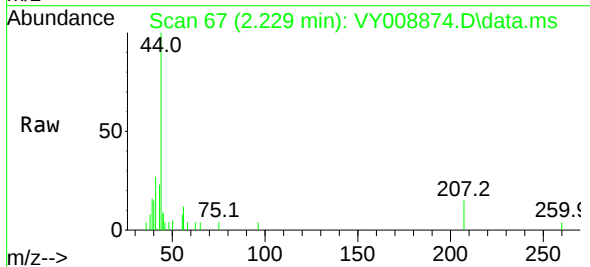
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-1218-01

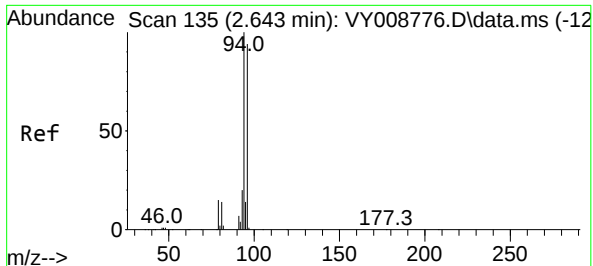
Tgt Ion: 50 Resp: 118
Ion Ratio Lower Upper
50 100
52 44.8 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.229 min Scan# 67
Delta R.T. -0.018 min
Lab File: VY008874.D
Acq: 19 May 2022 17:45

Tgt Ion: 62 Resp: 19
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

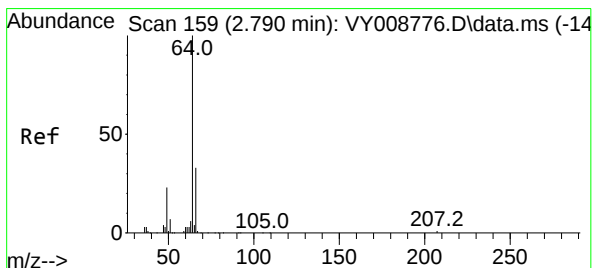
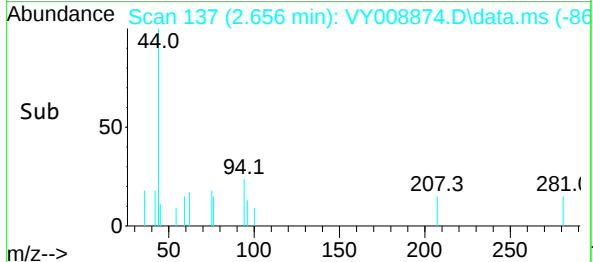
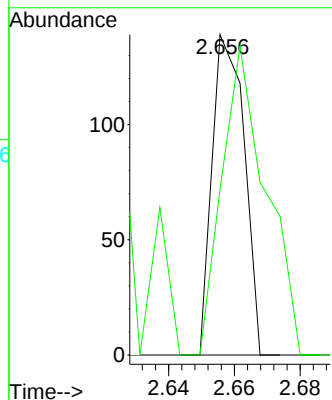
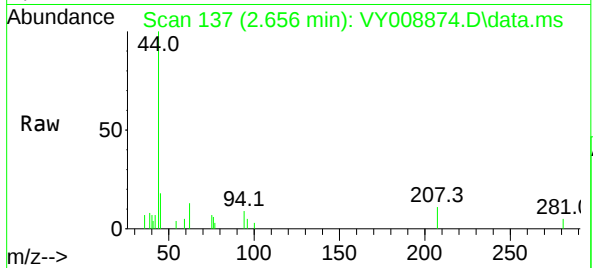




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY008874.D
Acq: 19 May 2022 17:45

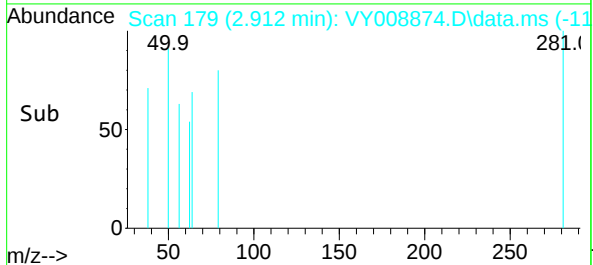
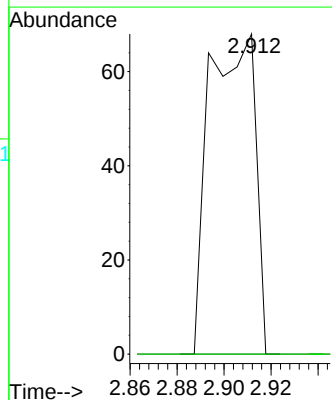
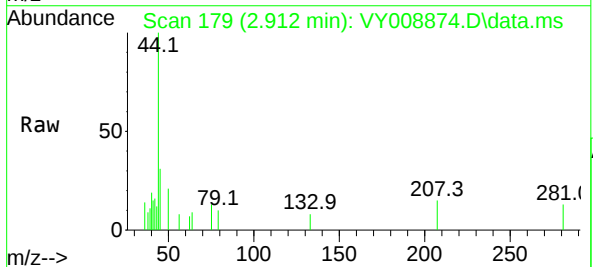
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-1218-01

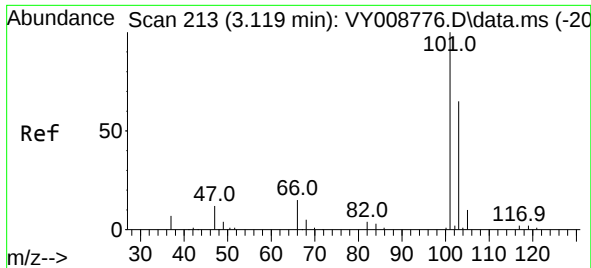
Tgt Ion: 94 Resp: 94
Ion Ratio Lower Upper
94 100
96 51.8 73.5 110.3#



#6
Chloroethane
Concen: Below Cal
RT: 2.912 min Scan# 179
Delta R.T. 0.122 min
Lab File: VY008874.D
Acq: 19 May 2022 17:45

Tgt Ion: 64 Resp: 92
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

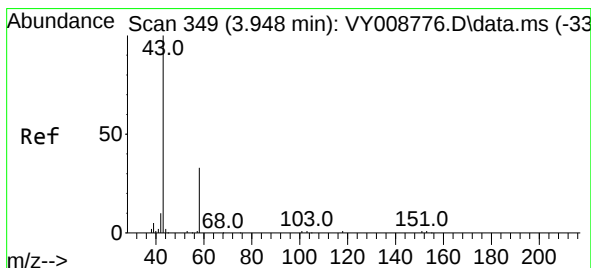
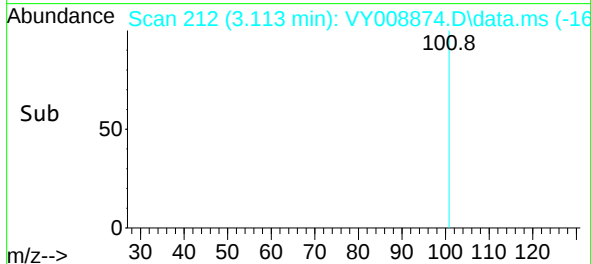
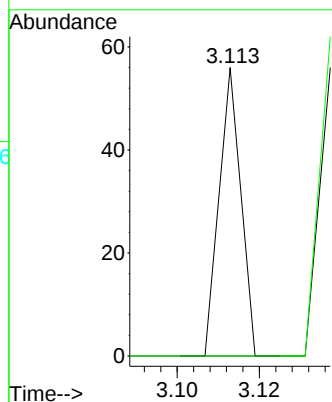
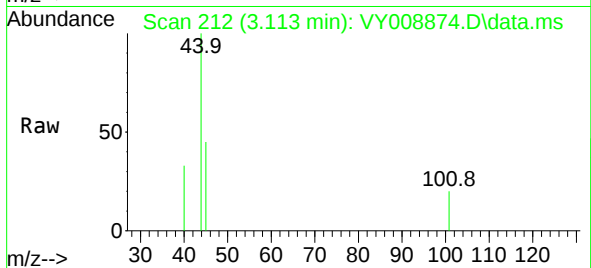




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY008874.D
Acq: 19 May 2022 17:45

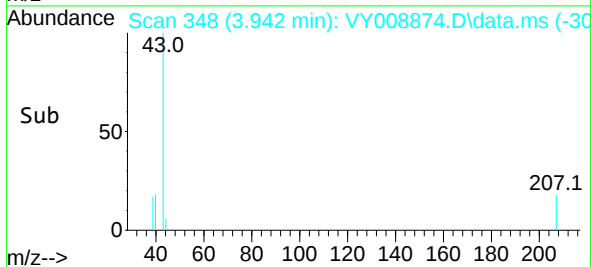
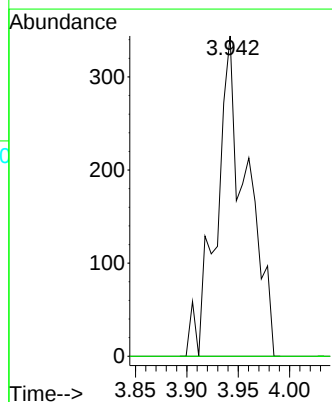
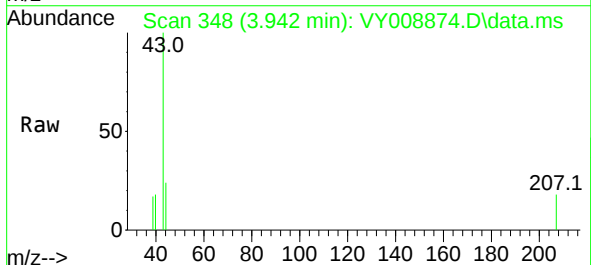
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-1218-01

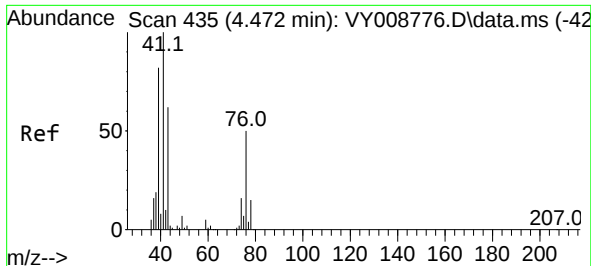
Tgt Ion:101 Resp: 20
Ion Ratio Lower Upper
101 100
103 0.0 48.0 72.0#



#16
Acetone
Concen: Below Cal
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008874.D
Acq: 19 May 2022 17:45

Tgt Ion: 43 Resp: 711
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

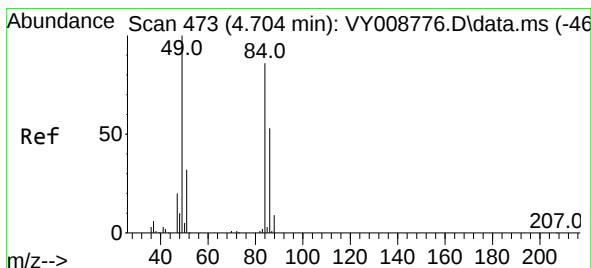
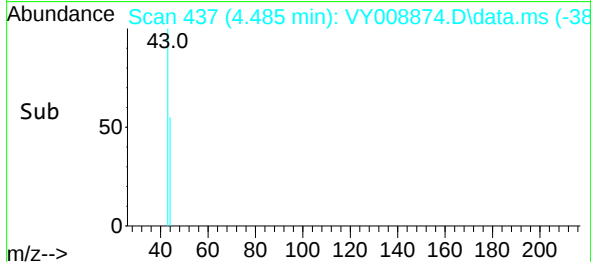
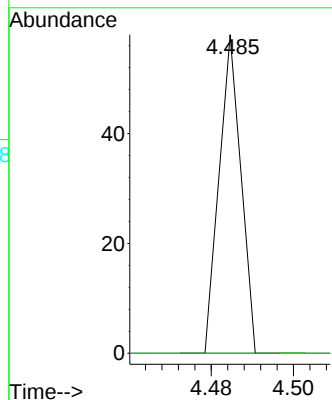
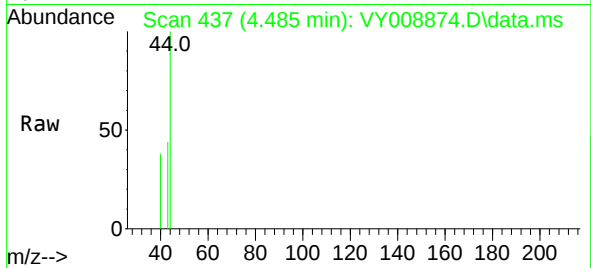




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY008874.D
Acq: 19 May 2022 17:45

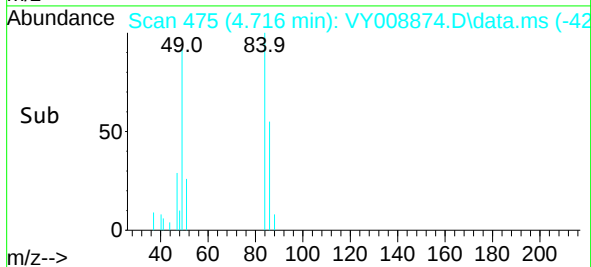
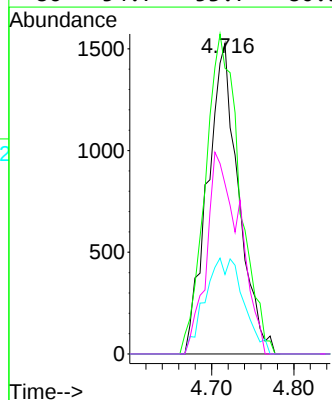
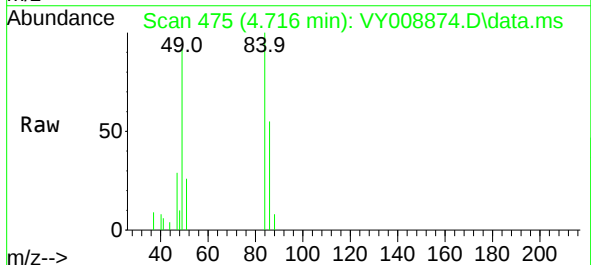
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-1218-01

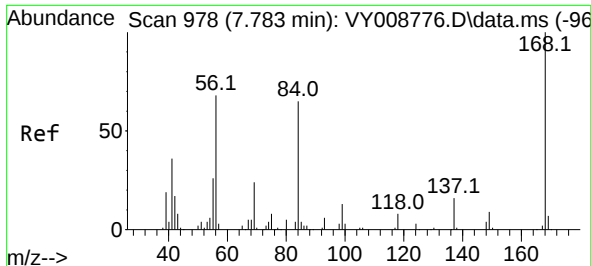
Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY008874.D
Acq: 19 May 2022 17:45

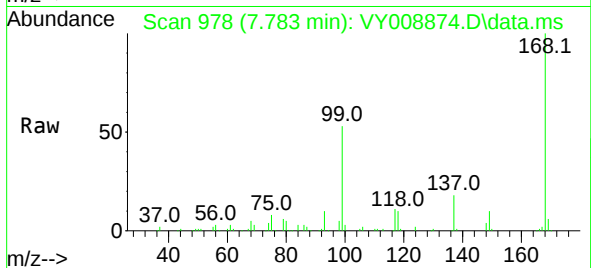
Tgt Ion: 84 Resp: 3999
Ion Ratio Lower Upper
84 100
49 92.0 114.4 171.6#
51 25.6 35.3 52.9#
86 54.7 53.7 80.5



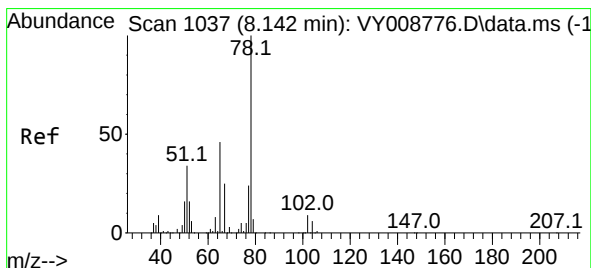
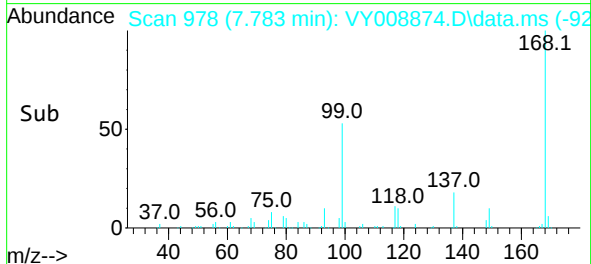
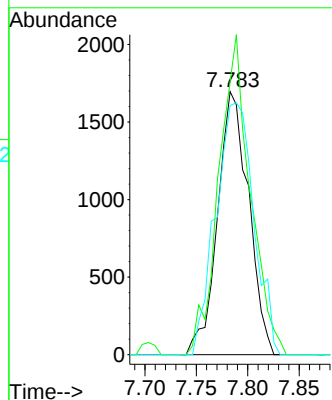


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008874.D
Acq: 19 May 2022 17:45

Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-1218-01

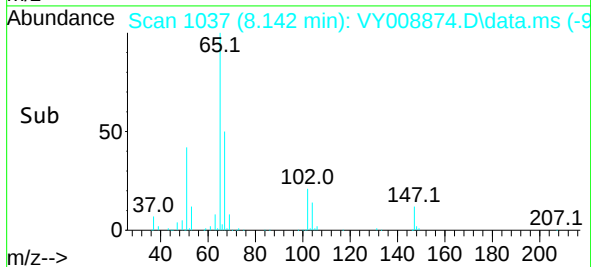
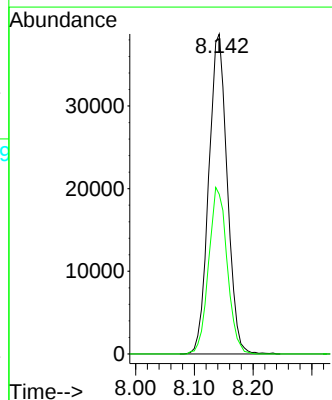
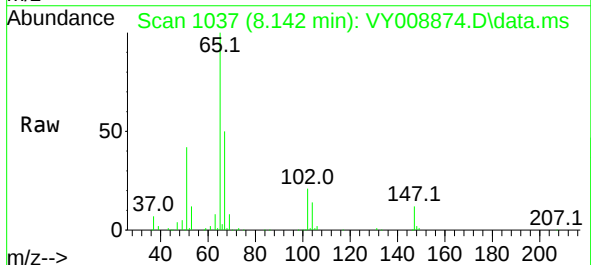


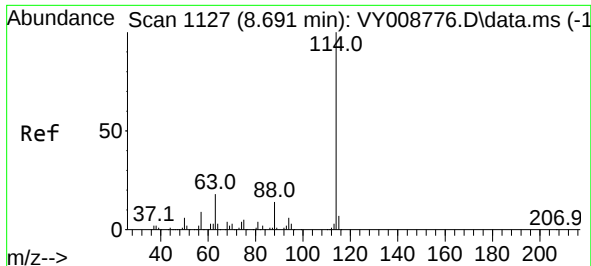
Tgt Ion: 56 Resp: 3557
Ion Ratio Lower Upper
56 100
69 103.8 26.7 40.1#
84 94.7 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 68.623 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008874.D
Acq: 19 May 2022 17:45

Tgt Ion: 65 Resp: 84409
Ion Ratio Lower Upper
65 100
67 52.3 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: VY008874.D

Acq: 19 May 2022 17:45

Instrument :

MSVOA_Y

ClientSampleId :

P006-SS002-1218-01

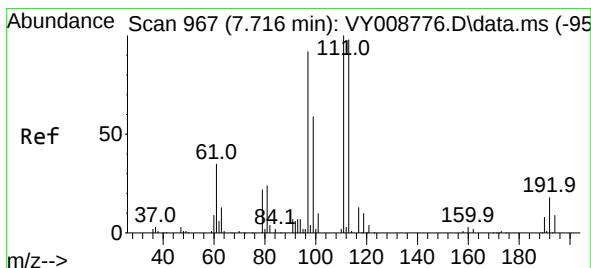
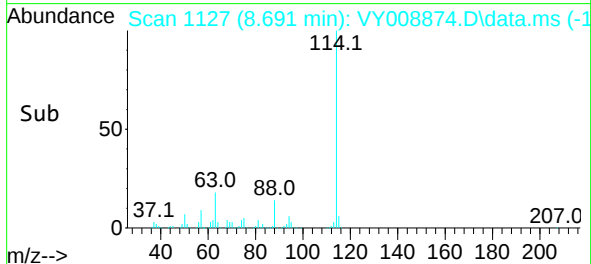
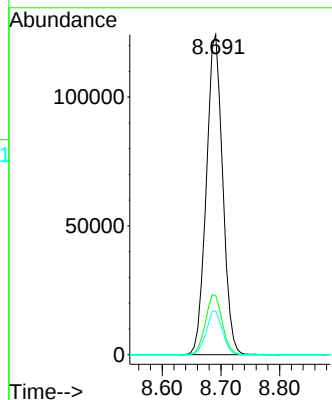
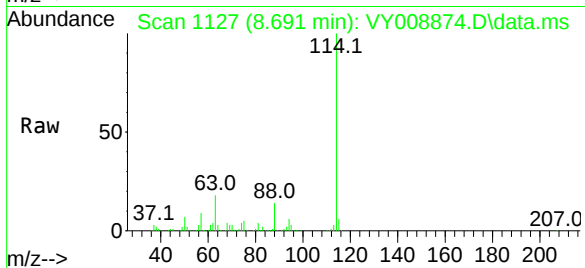
Tgt Ion:114 Resp: 239424

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.130 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008874.D

Acq: 19 May 2022 17:45

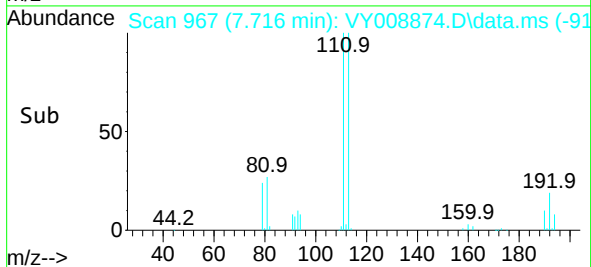
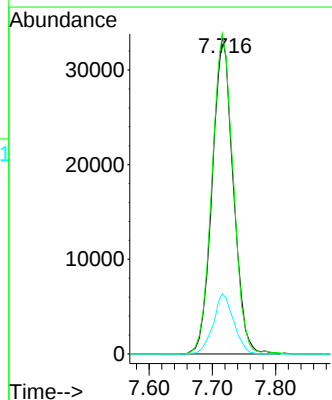
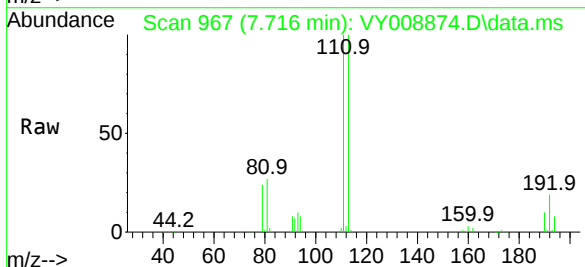
Tgt Ion:113 Resp: 77122

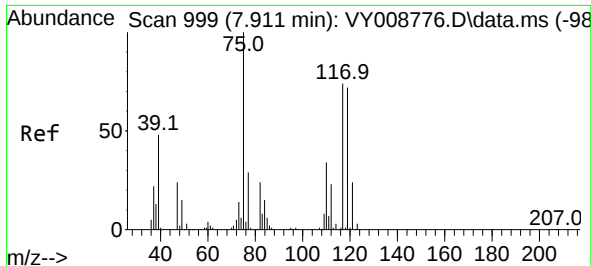
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 18.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.890 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY008874.D

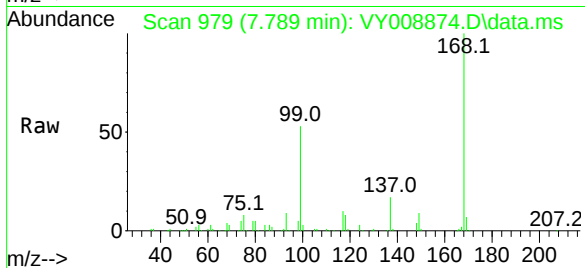
Acq: 19 May 2022 17:45

Instrument :

MSVOA_Y

ClientSampleId :

P006-SS002-1218-01



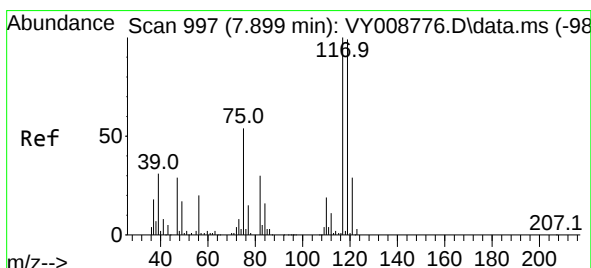
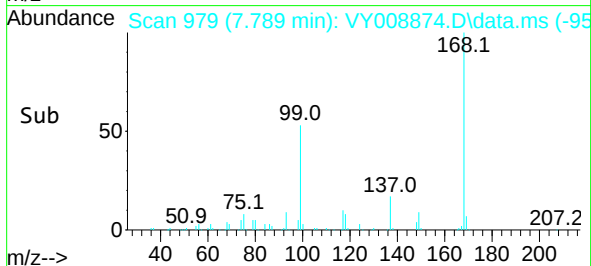
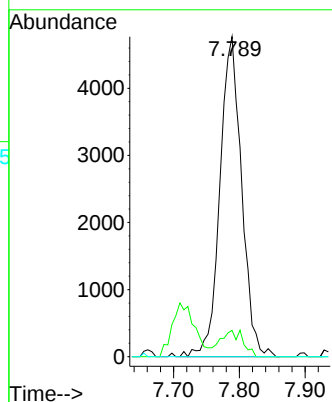
Tgt Ion: 75 Resp: 10957

Ion Ratio Lower Upper

75 100

110 8.8 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.468 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008874.D

Acq: 19 May 2022 17:45

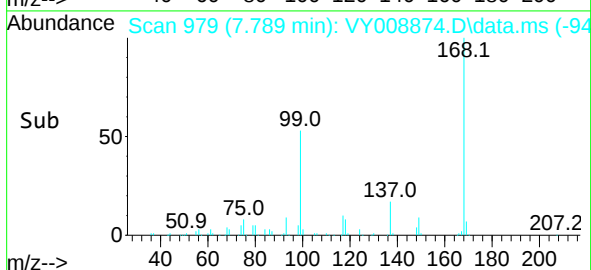
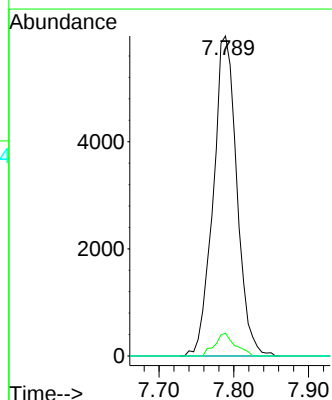
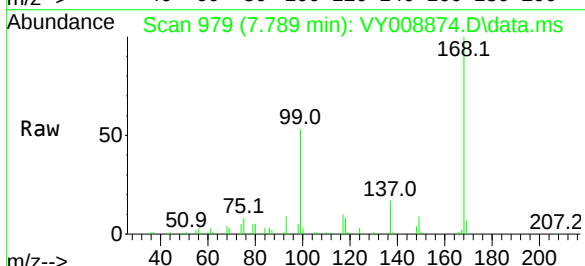
Tgt Ion: 117 Resp: 13130

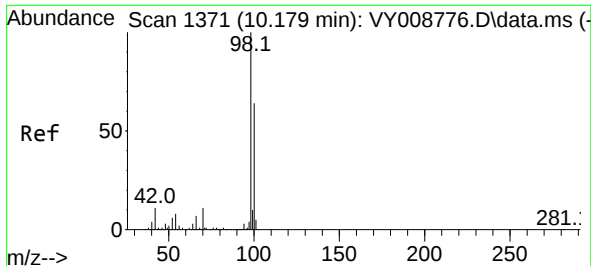
Ion Ratio Lower Upper

117 100

119 7.1 77.9 116.9#

121 0.0 24.8 37.2#

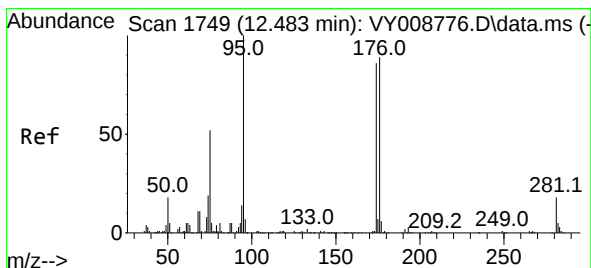
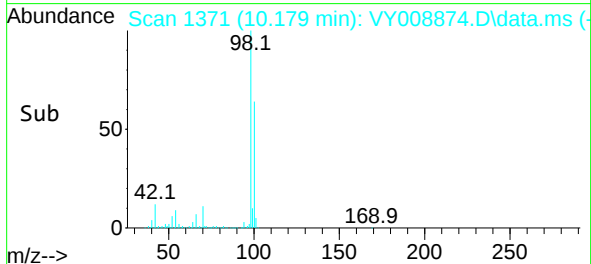
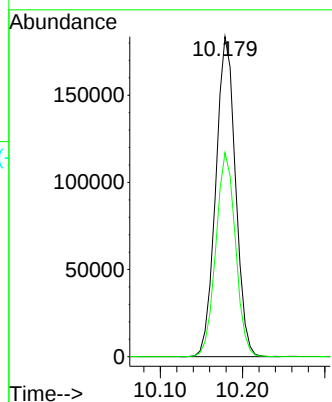
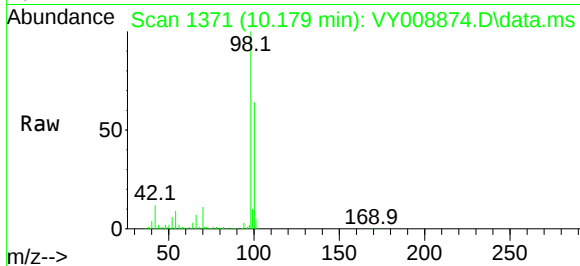




#50
Toluene-d8
Concen: 49.257 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008874.D
Acq: 19 May 2022 17:45

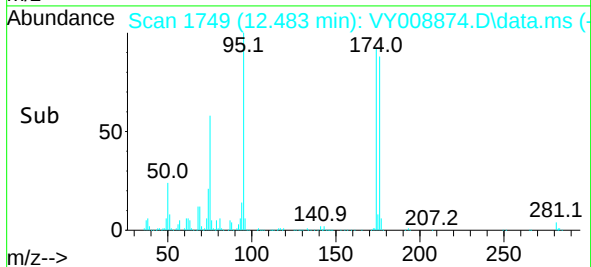
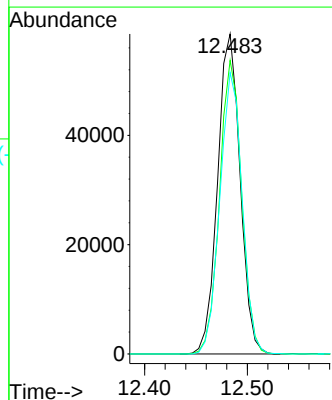
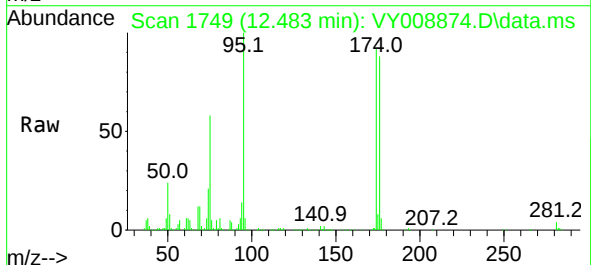
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-1218-01

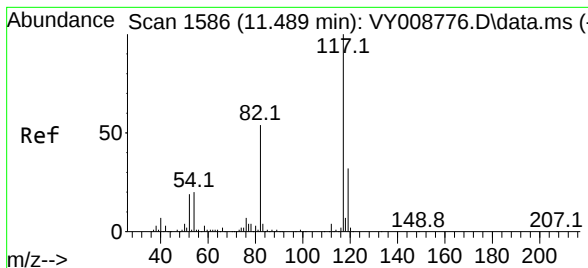
Tgt Ion: 98 Resp: 305970
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.765 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008874.D
Acq: 19 May 2022 17:45

Tgt Ion: 95 Resp: 88923
Ion Ratio Lower Upper
95 100
174 90.0 0.0 177.0
176 87.2 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: VY008874.D

Acq: 19 May 2022 17:45

Instrument :

MSVOA_Y

ClientSampleId :

P006-SS002-1218-01

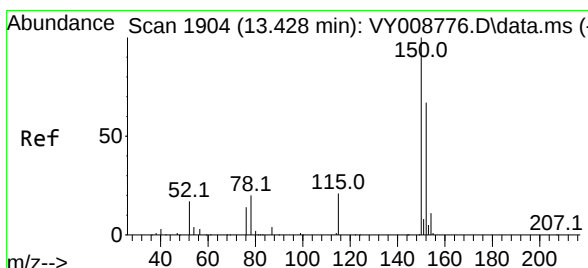
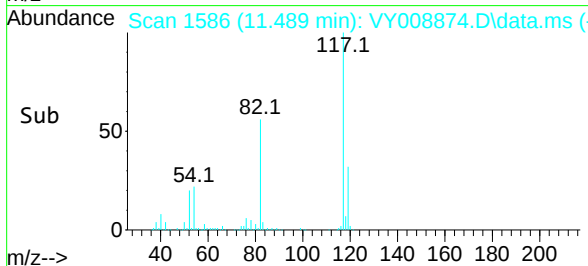
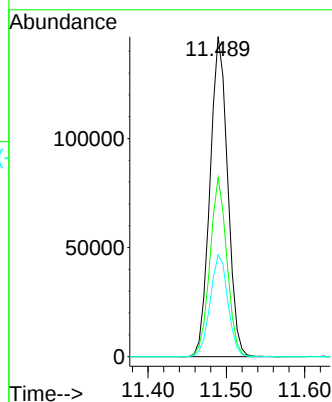
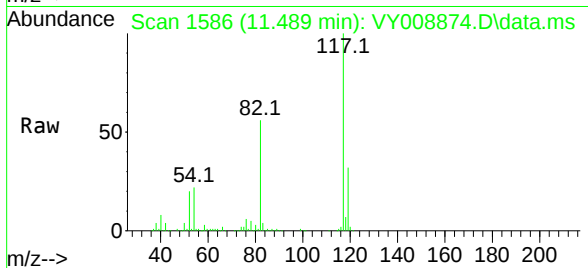
Tgt Ion:117 Resp: 229322

Ion Ratio Lower Upper

117 100

82 56.0 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: VY008874.D

Acq: 19 May 2022 17:45

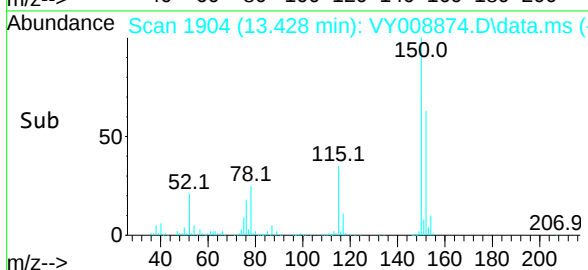
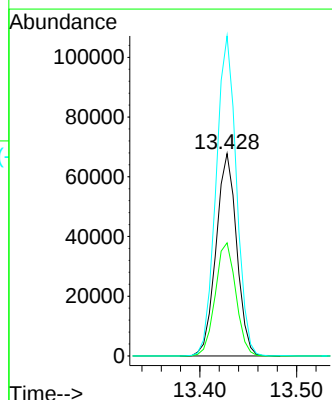
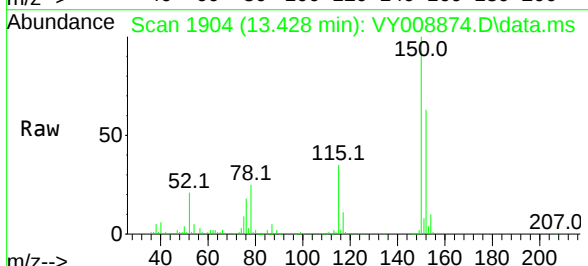
Tgt Ion:152 Resp: 100165

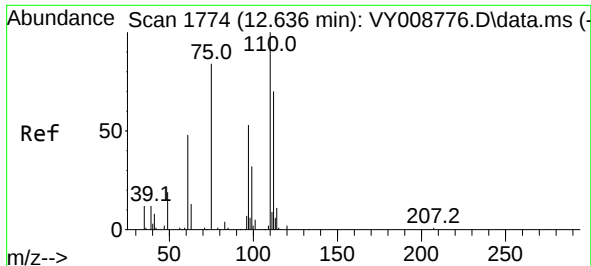
Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

150 156.1 0.0 347.6

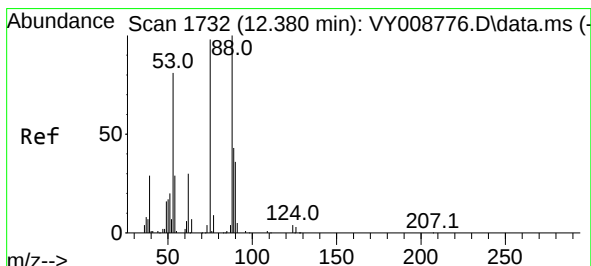
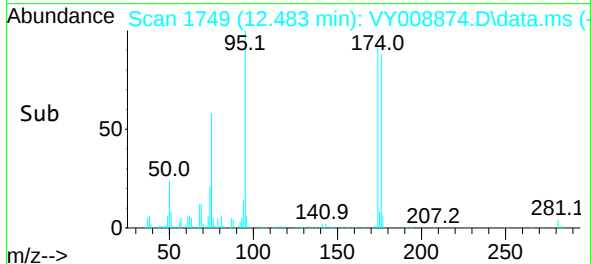
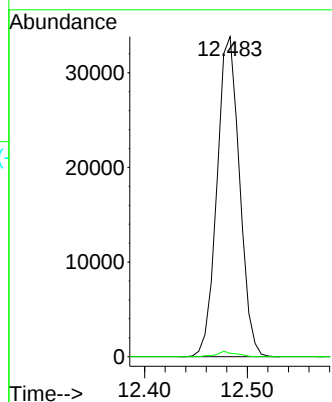
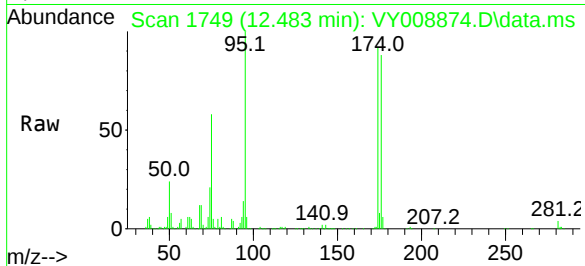




#76
1,2,3-Trichloropropane
Concen: 44.465 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008874.D
Acq: 19 May 2022 17:45

Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-1218-01

Tgt Ion: 75 Resp: 51448
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.257 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008874.D
Acq: 19 May 2022 17:45

Tgt Ion: 75 Resp: 51448
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 0.0 37.0 55.4#

