

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008974.D
 Acq On : 22 May 2022 02:17
 Operator : KP/MD
 Sample : N2887-07
 Misc : 4.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P038-SS001-0006-02

Quant Time: May 22 02:43:07 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)

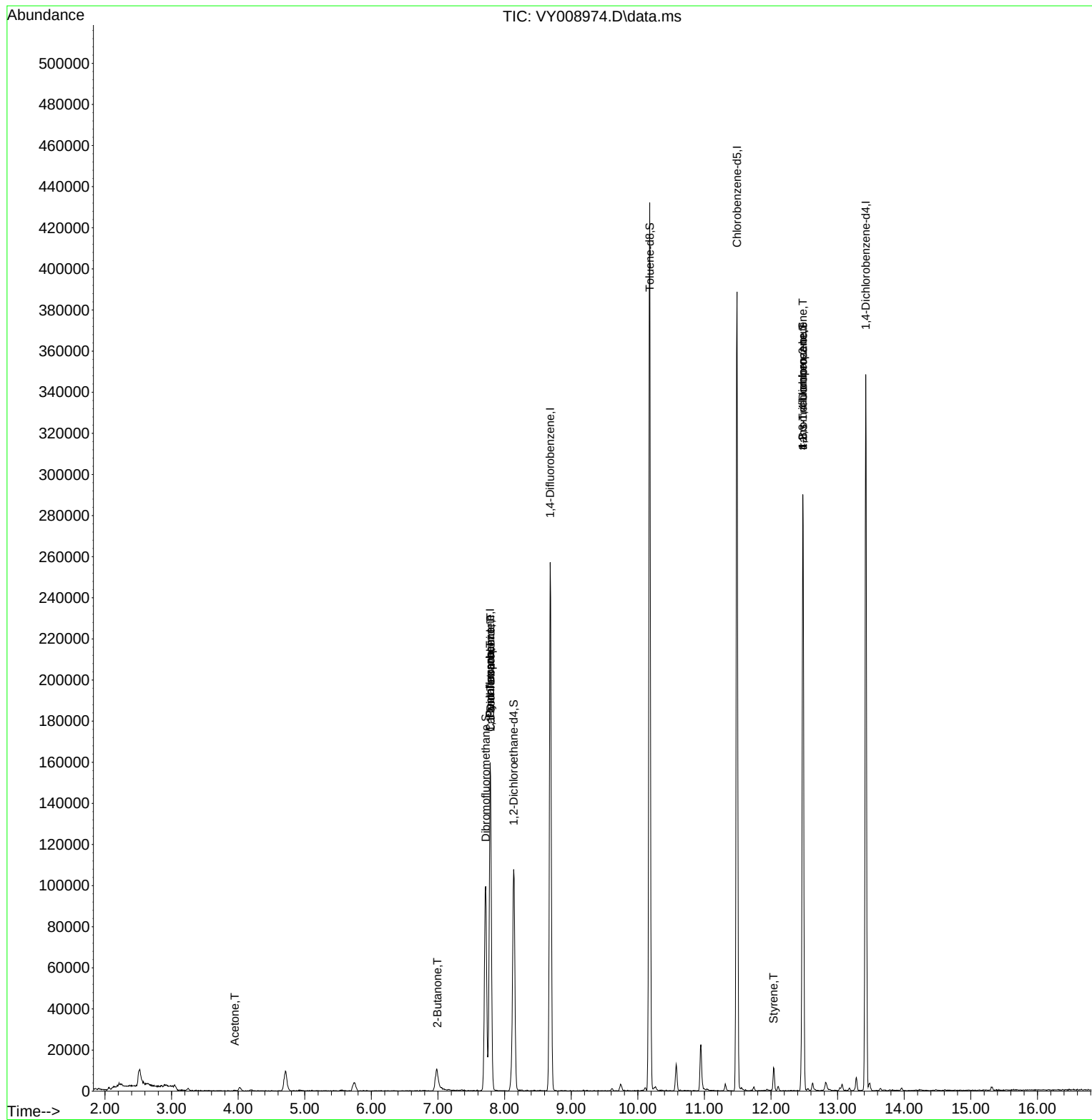
Internal Standards						
1) Pentafluorobenzene	7.783	168	117639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	212209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	198799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78800	65.085	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 130.180%		
35) Dibromofluoromethane	7.716	113	68927	52.233	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 104.460%		
50) Toluene-d8	10.179	98	266609	54.765	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 109.540%		
62) 4-Bromofluorobenzene	12.477	95	76117	38.760	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 77.520%		
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	294	1.167	ug/l #	47
20) Methylene Chloride	4.710	84	6865	Below Cal		87
25) 2-Butanone	6.990	43	809	1.797	ug/l #	54
31) Cyclohexane	7.783	56	3066	1.294	ug/l #	5
36) 1,1-Dichloropropene	7.789	75	10005	4.455	ug/l #	51
38) Carbon Tetrachloride	7.789	117	12005	5.110	ug/l #	15
70) Styrene	12.038	104	5350	1.004	ug/l #	84
76) 1,2,3-Trichloropropane	12.477	75	44305	49.363	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	44305	101.318	ug/l #	8

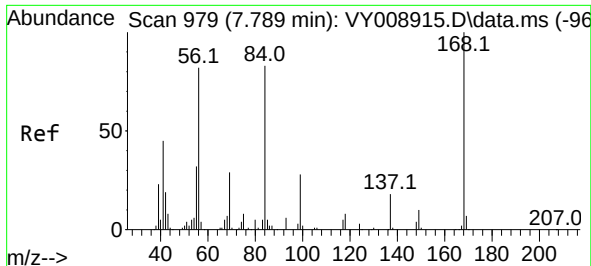
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
Data File : VY008974.D
Acq On : 22 May 2022 02:17
Operator : KP/MD
Sample : N2887-07
Misc : 4.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-02

Quant Time: May 22 02:43:07 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

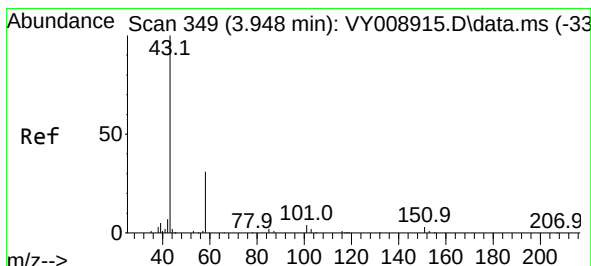
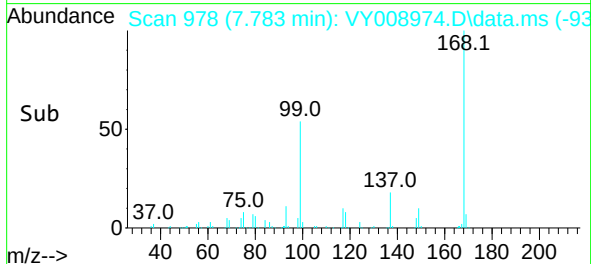
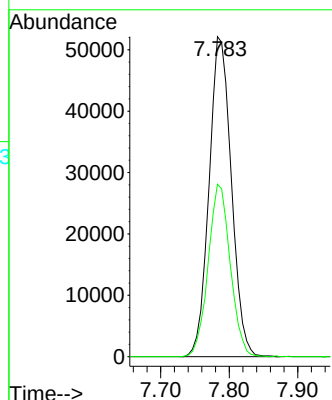
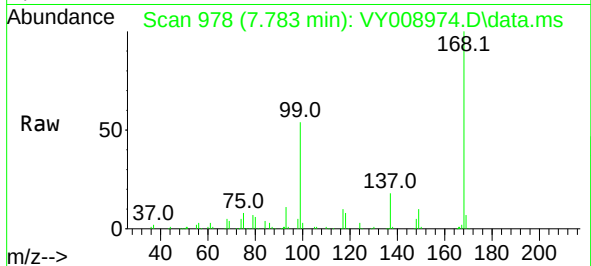




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008974.D
Acq: 22 May 2022 02:17

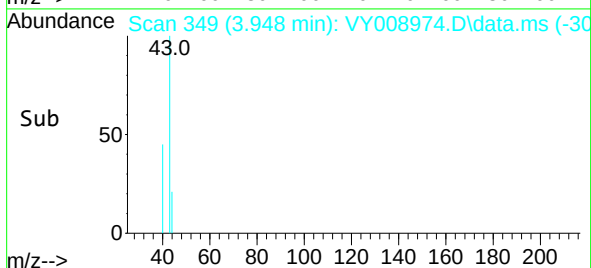
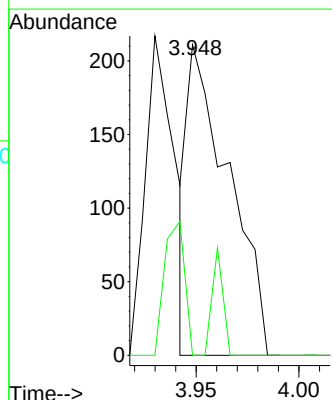
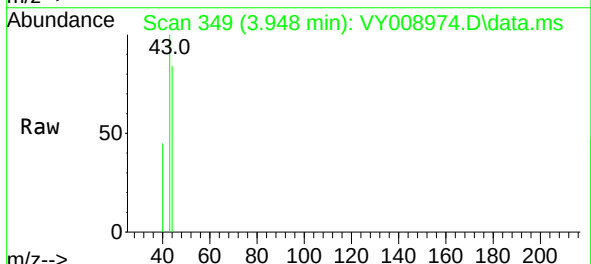
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-02

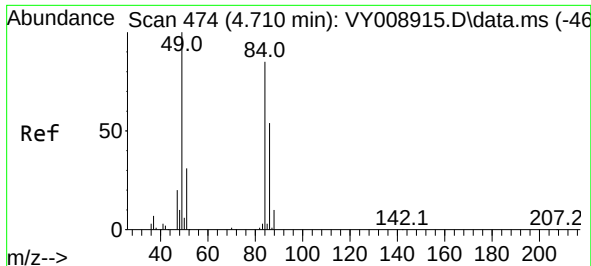
Tgt Ion:168 Resp: 117639
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#16
Acetone
Concen: 1.167 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008974.D
Acq: 22 May 2022 02:17

Tgt Ion: 43 Resp: 294
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

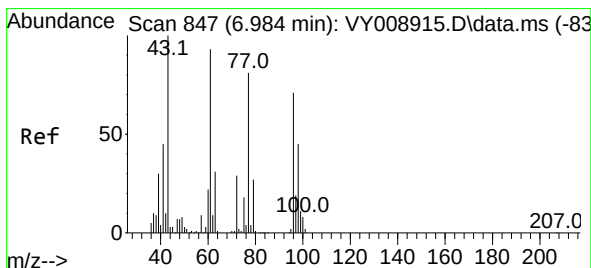
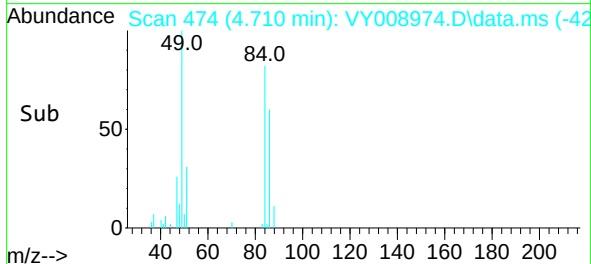
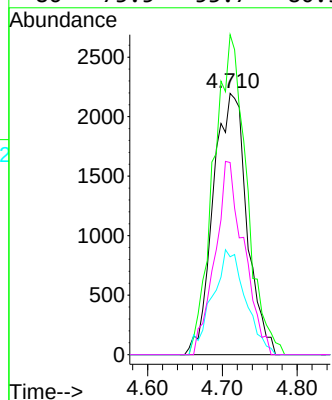
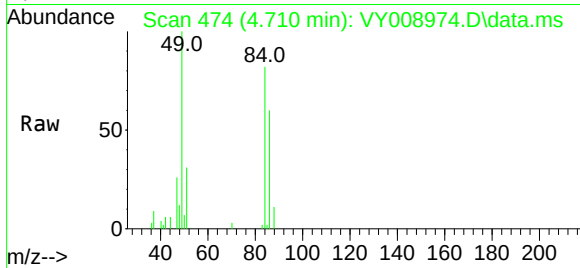




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008974.D
Acq: 22 May 2022 02:17

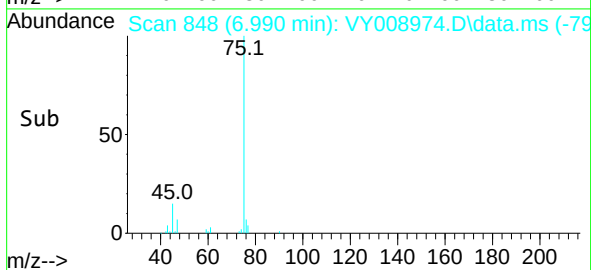
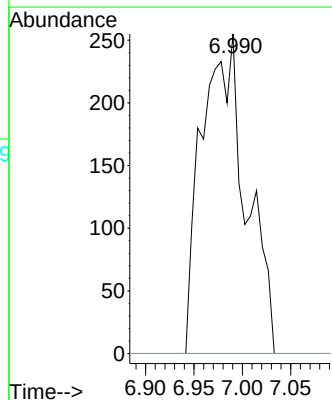
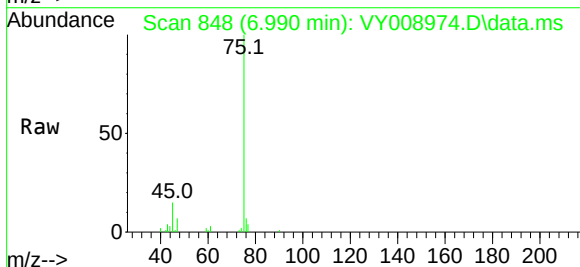
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-02

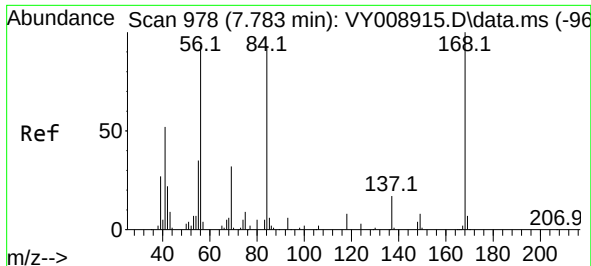
Tgt Ion: 84 Resp: 6865
Ion Ratio Lower Upper
84 100
49 122.4 114.4 171.6
51 37.5 35.3 52.9
86 73.5 53.7 80.5



#25
2-Butanone
Concen: 1.797 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY008974.D
Acq: 22 May 2022 02:17

Tgt Ion: 43 Resp: 809
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

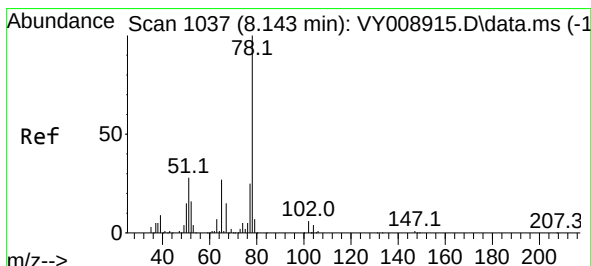
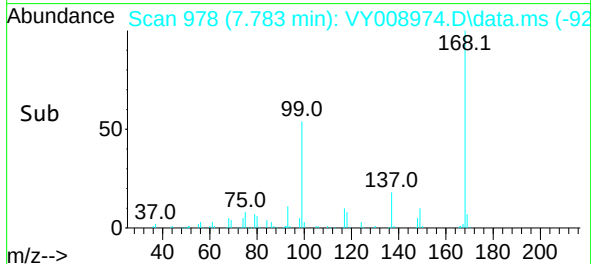
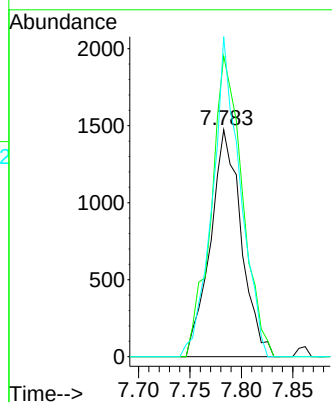
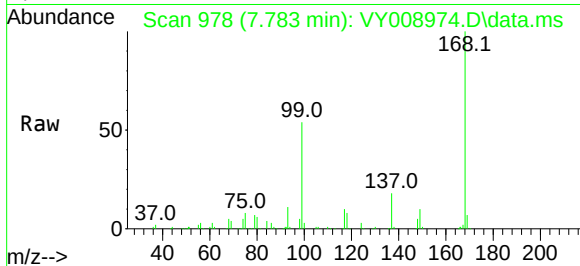




#31
Cyclohexane
Concen: 1.294 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008974.D
Acq: 22 May 2022 02:17

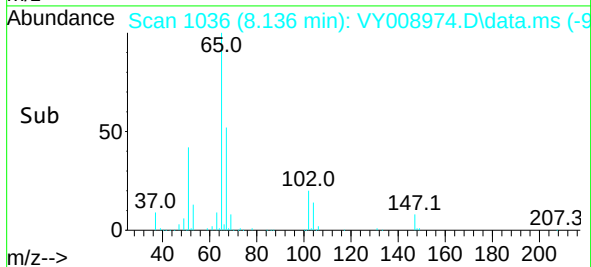
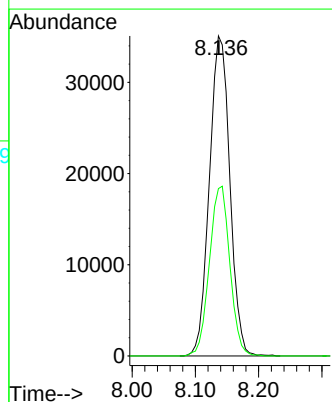
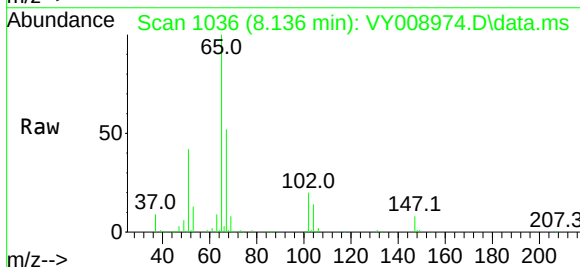
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-02

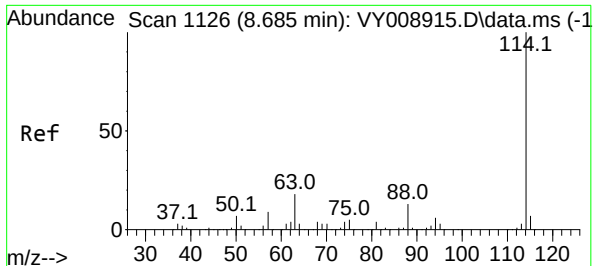
Tgt Ion: 56 Resp: 3066
Ion Ratio Lower Upper
56 100
69 132.5 26.7 40.1#
84 141.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 65.085 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008974.D
Acq: 22 May 2022 02:17

Tgt Ion: 65 Resp: 78800
Ion Ratio Lower Upper
65 100
67 53.0 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: VY008974.D

Acq: 22 May 2022 02:17

Instrument :

MSVOA_Y

ClientSampleId :

P038-SS001-0006-02

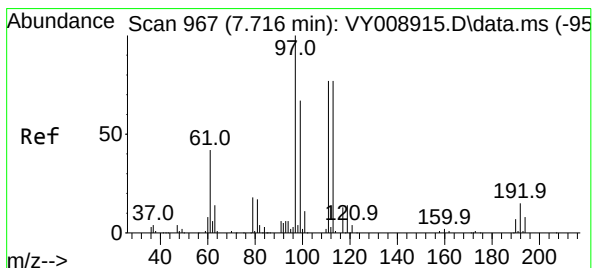
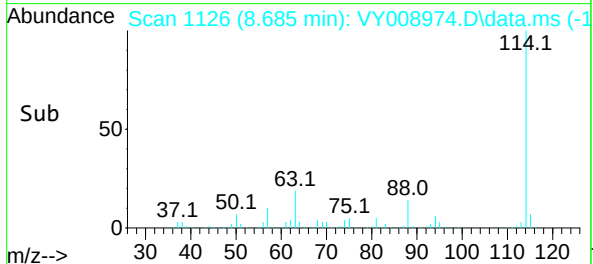
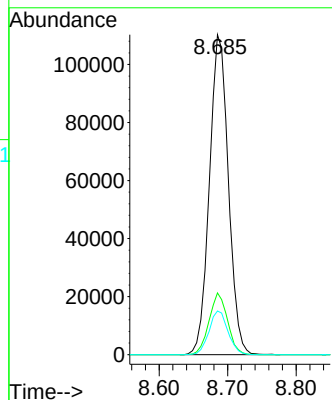
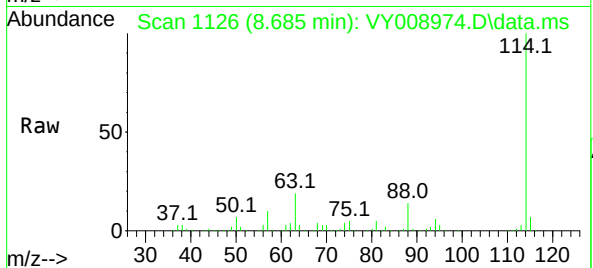
Tgt Ion:114 Resp: 212209

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.233 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008974.D

Acq: 22 May 2022 02:17

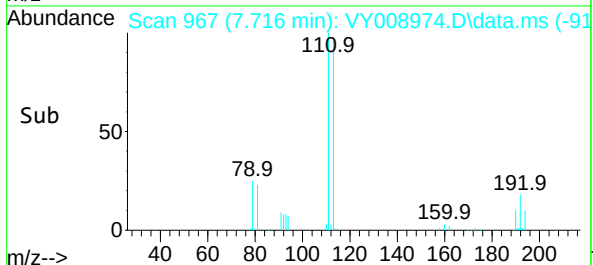
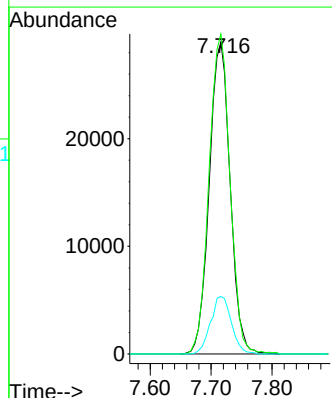
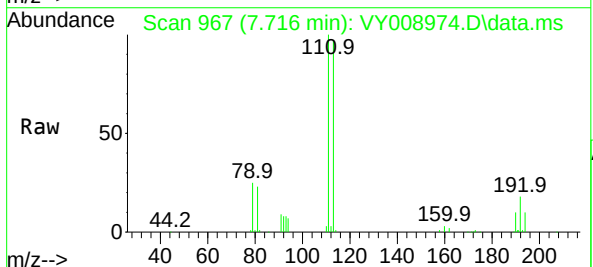
Tgt Ion:113 Resp: 68927

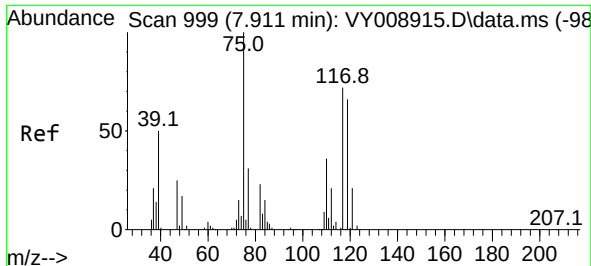
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 18.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.455 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY008974.D

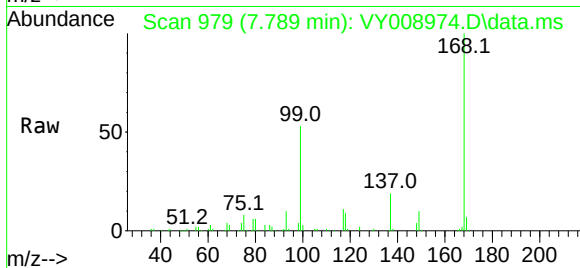
Acq: 22 May 2022 02:17

Instrument :

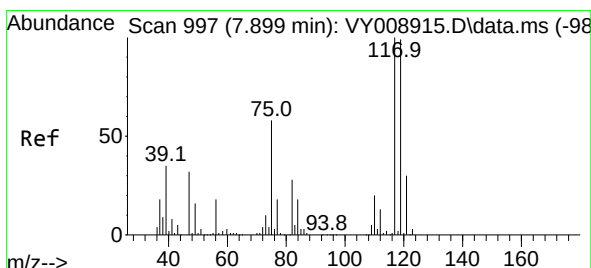
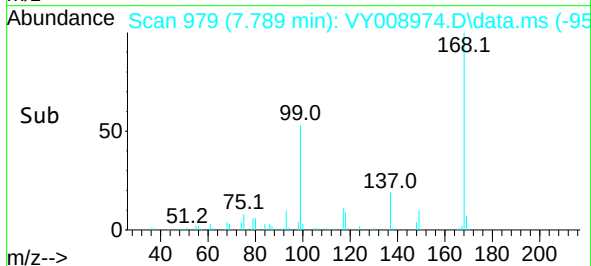
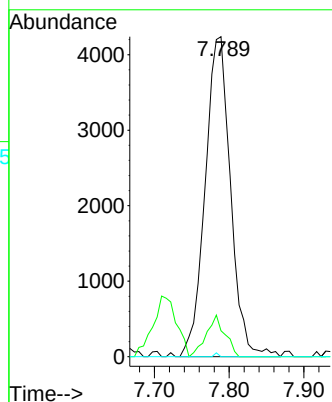
MSVOA_Y

ClientSampleId :

P038-SS001-0006-02



Tgt Ion: 75	Resp: 10005
Ion Ratio	Lower Upper
75	100
110	9.5 17.1 51.2#
77	0.2 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.110 ug/l

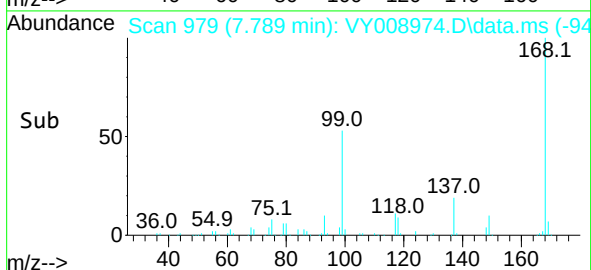
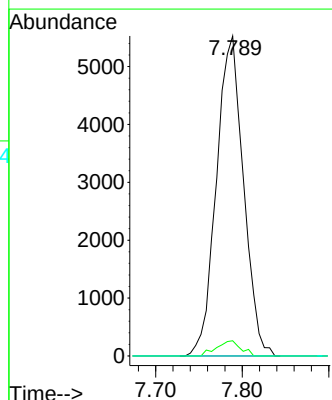
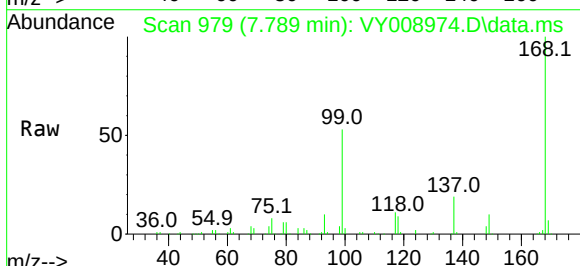
RT: 7.789 min Scan# 979

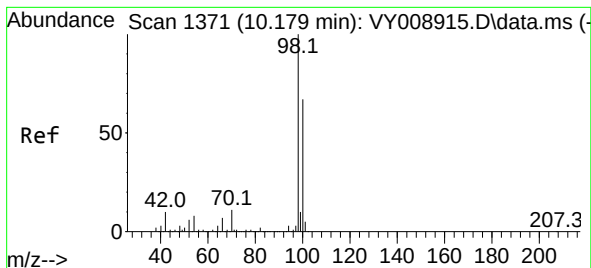
Delta R.T. -0.110 min

Lab File: VY008974.D

Acq: 22 May 2022 02:17

Tgt Ion: 117	Resp: 12005
Ion Ratio	Lower Upper
117	100
119	4.7 77.9 116.9#
121	0.0 24.8 37.2#

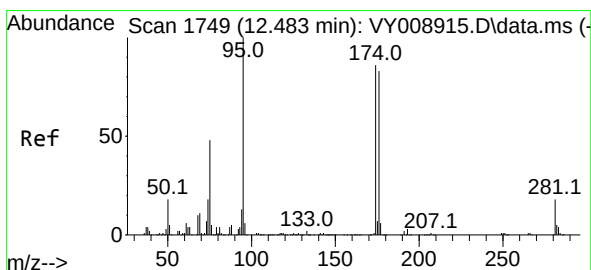
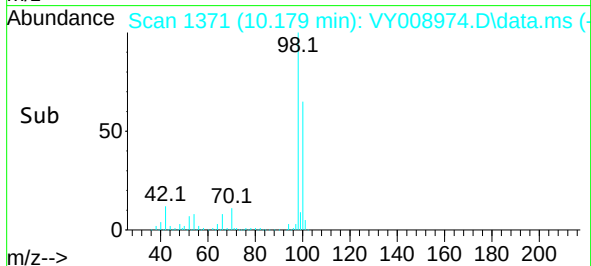
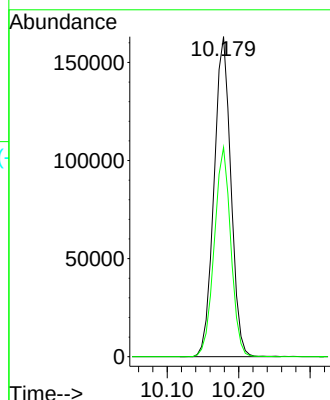
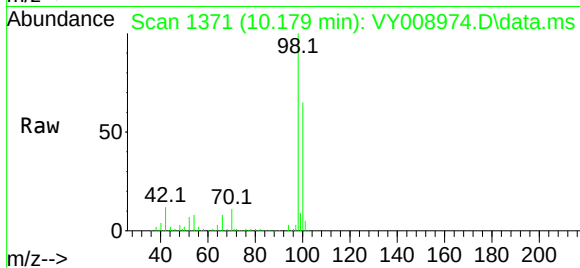




#50
Toluene-d8
Concen: 54.765 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008974.D
Acq: 22 May 2022 02:17

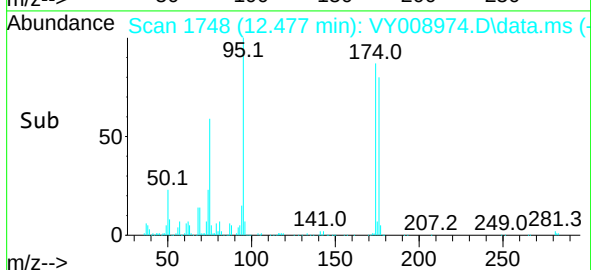
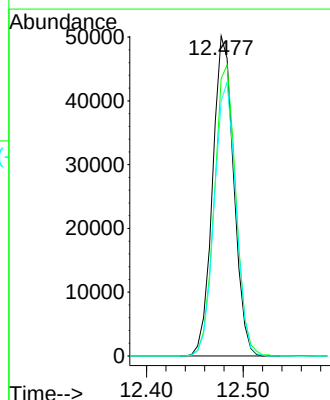
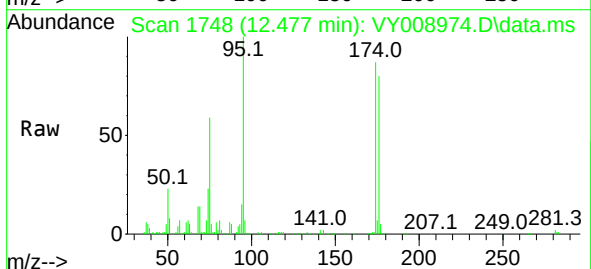
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-02

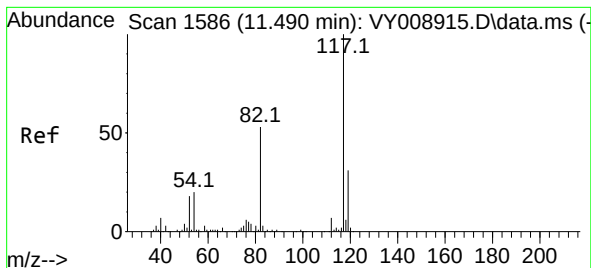
Tgt Ion: 98 Resp: 266609
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.760 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008974.D
Acq: 22 May 2022 02:17

Tgt Ion: 95 Resp: 76117
Ion Ratio Lower Upper
95 100
174 92.8 0.0 177.0
176 87.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY008974.D

Acq: 22 May 2022 02:17

Instrument :

MSVOA_Y

ClientSampleId :

P038-SS001-0006-02

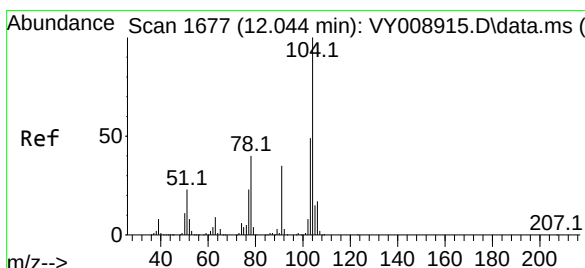
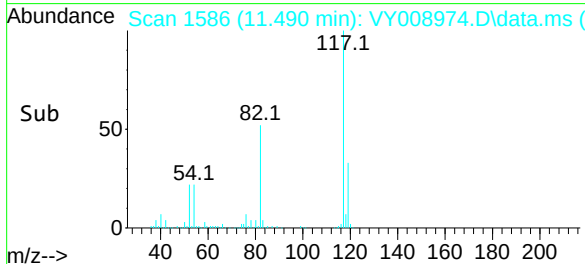
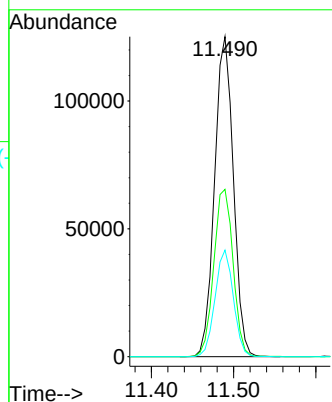
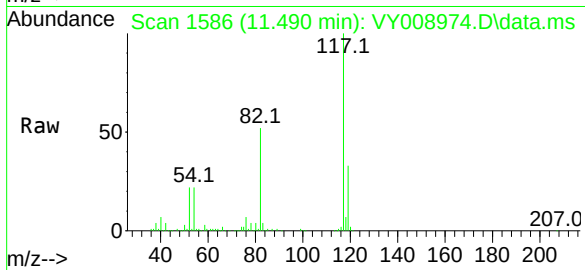
Tgt Ion:117 Resp: 198799

Ion Ratio Lower Upper

117 100

82 52.3 43.0 64.4

119 33.3 25.4 38.0



#70

Styrene

Concen: 1.004 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY008974.D

Acq: 22 May 2022 02:17

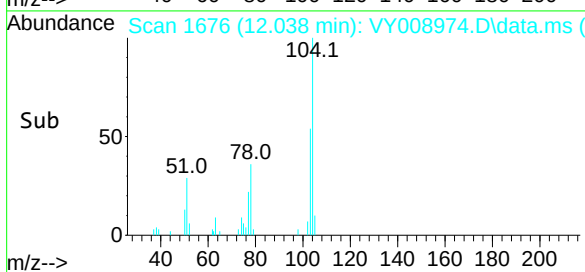
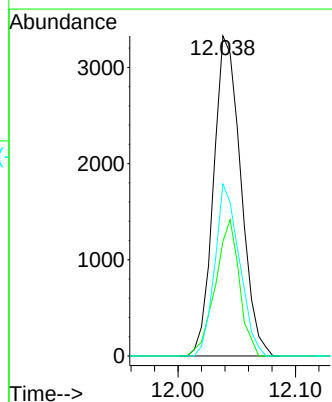
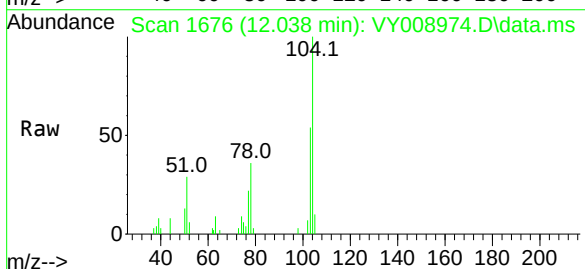
Tgt Ion:104 Resp: 5350

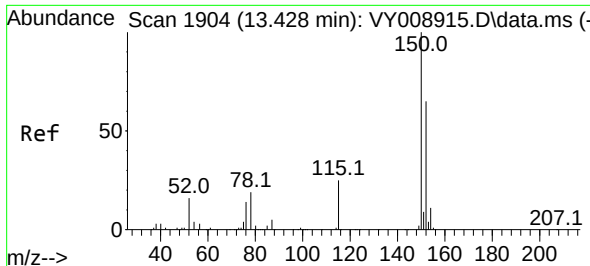
Ion Ratio Lower Upper

104 100

78 37.5 42.4 63.6#

103 48.5 44.4 66.6

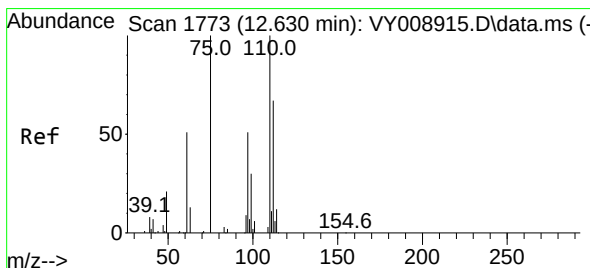
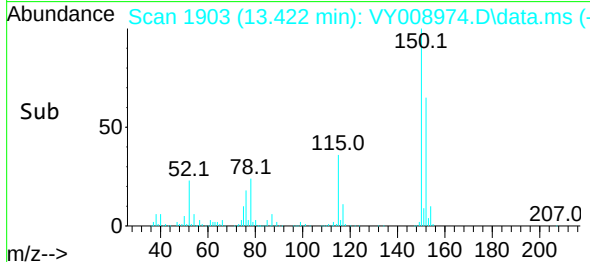
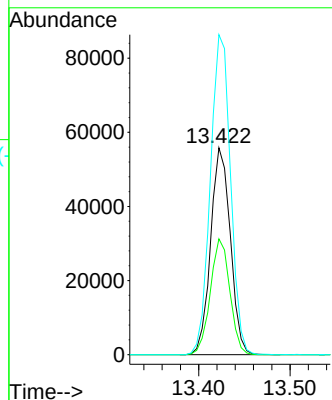
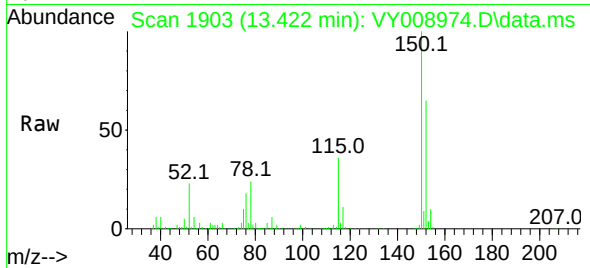




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY008974.D
Acq: 22 May 2022 02:17

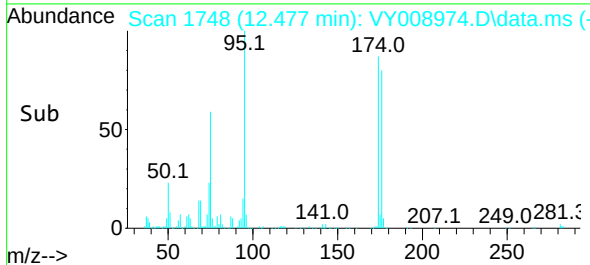
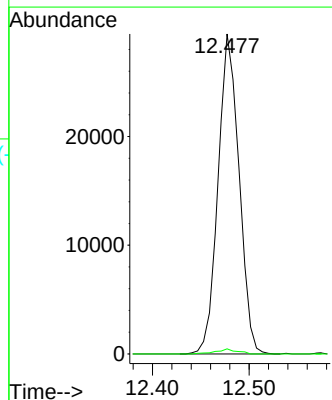
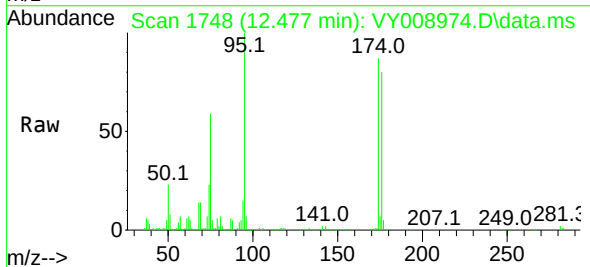
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0006-02

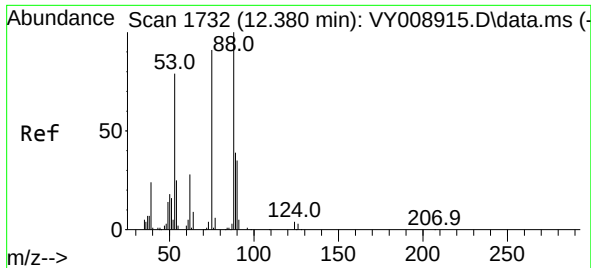
Tgt Ion:152 Resp: 83578
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 158.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 49.363 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY008974.D
Acq: 22 May 2022 02:17

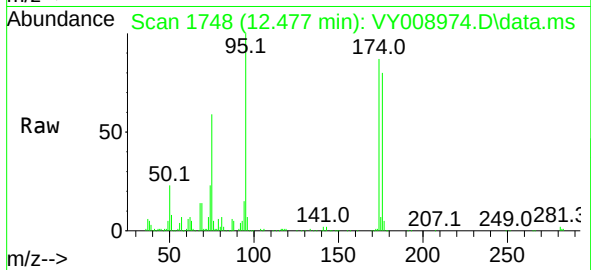
Tgt Ion: 75 Resp: 44305
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.318 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY008974.D
 Acq: 22 May 2022 02:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 P038-SS001-0006-02



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.8	85.3	127.9#
89	0.0	37.0	55.4#

