

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008951.D
 Acq On : 21 May 2022 15:50
 Operator : KP/MD
 Sample : N2919-16
 Misc : 4.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS005-0006-01

Quant Time: May 21 21:30:26 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)

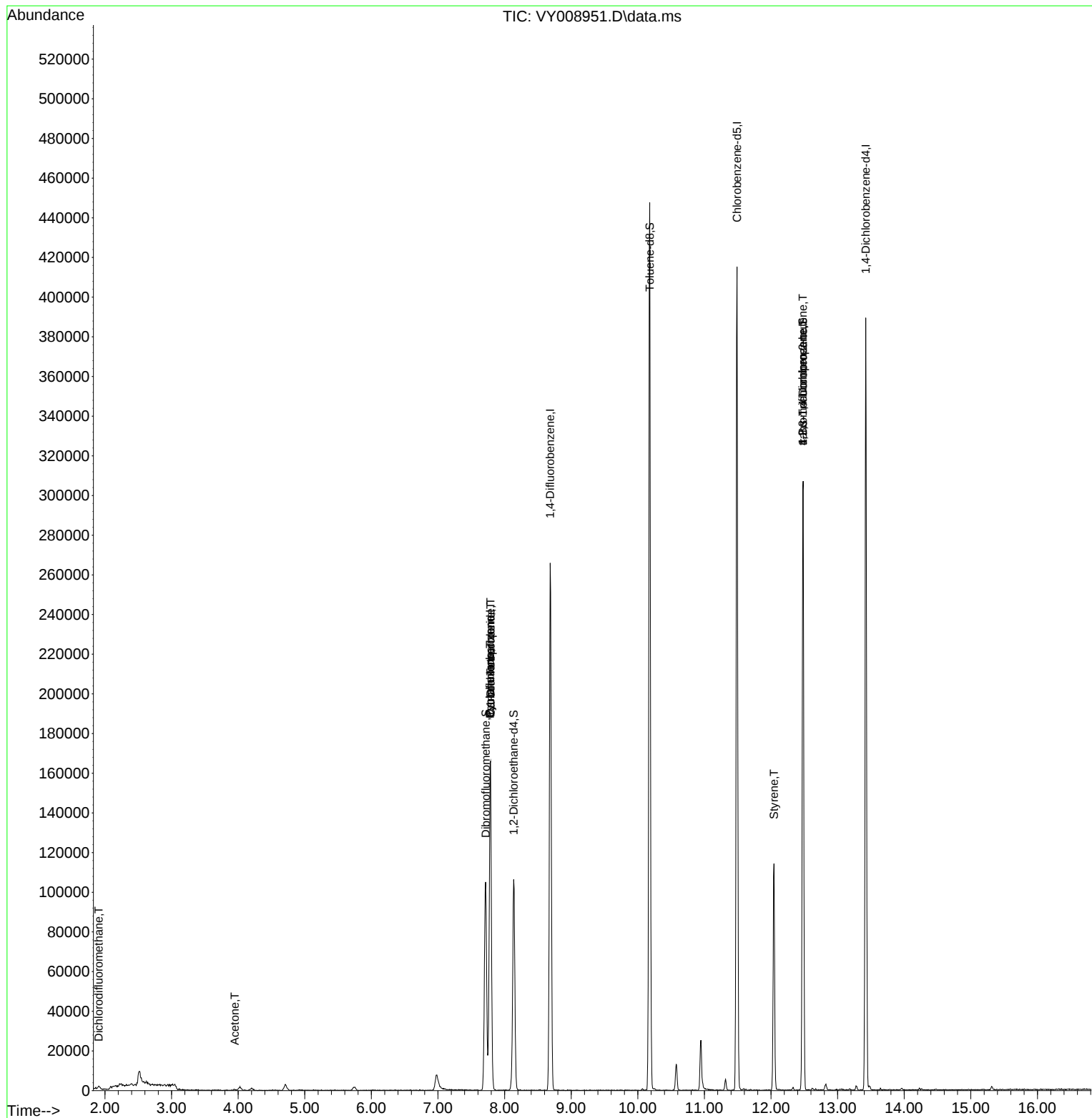
Internal Standards						
1) Pentafluorobenzene	7.783	168	126007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	226482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	212663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78472	60.510	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.020%	
35) Dibromofluoromethane	7.716	113	72236	51.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.580%	
50) Toluene-d8	10.179	98	281526	54.185	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.380%	
62) 4-Bromofluorobenzene	12.477	95	84274	40.210	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.420%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	1289	1.118	ug/l	95
16) Acetone	3.948	43	507	1.878	ug/l	93
20) Methylene Chloride	4.704	84	2075	Below Cal	#	67
31) Cyclohexane	7.783	56	3182	1.254	ug/l #	17
36) 1,1-Dichloropropene	7.789	75	10452	4.361	ug/l #	51
38) Carbon Tetrachloride	7.789	117	12294	4.903	ug/l #	16
70) Styrene	12.044	104	54236	9.511	ug/l #	85
76) 1,2,3-Trichloropropane	12.477	75	48655	49.176	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	48655	100.934	ug/l #	7

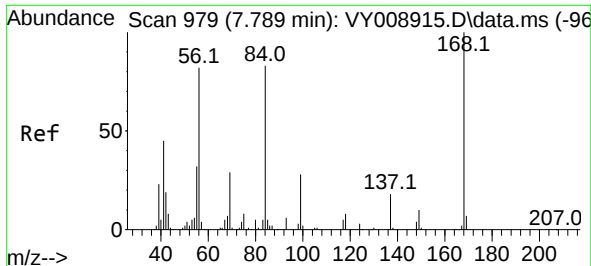
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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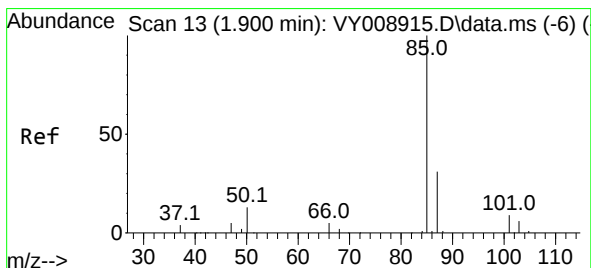
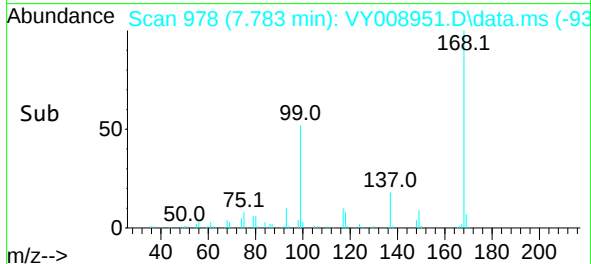
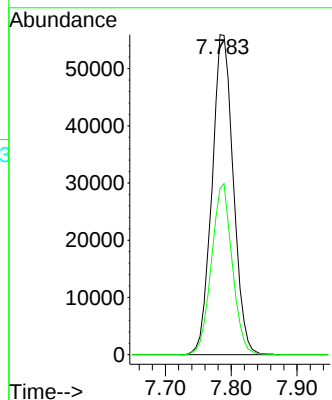
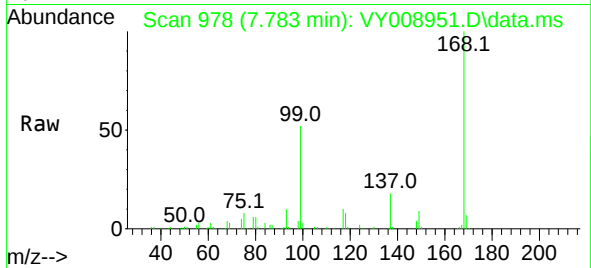




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008951.D
Acq: 21 May 2022 15:50

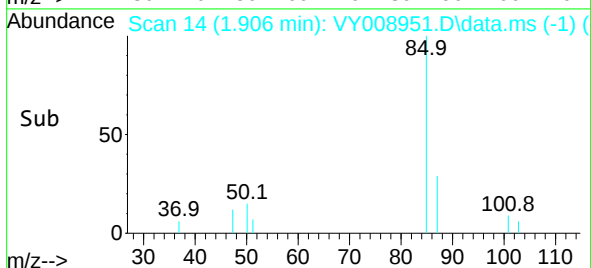
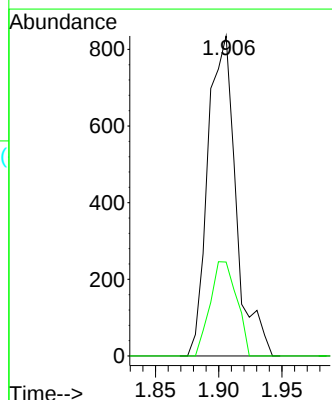
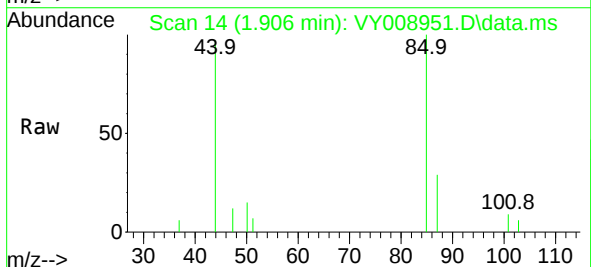
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS005-0006-01

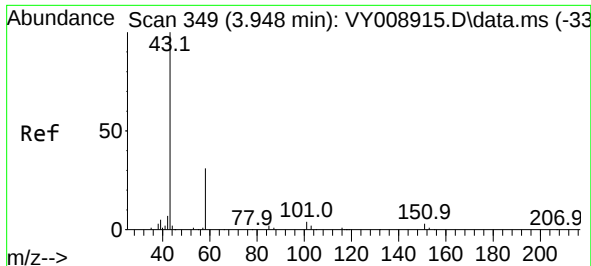
Tgt Ion:168 Resp: 126007
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.118 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY008951.D
Acq: 21 May 2022 15:50

Tgt Ion: 85 Resp: 1289
Ion Ratio Lower Upper
85 100
87 29.3 16.1 48.2

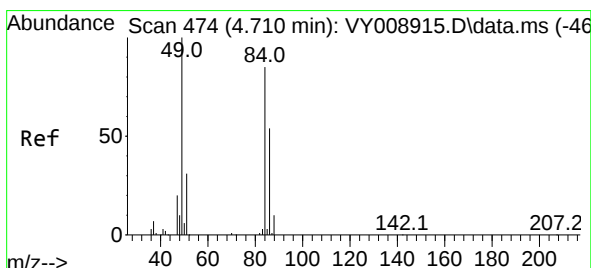
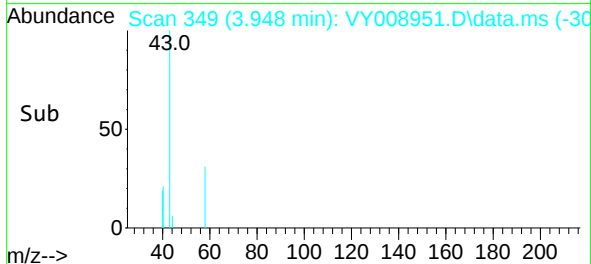
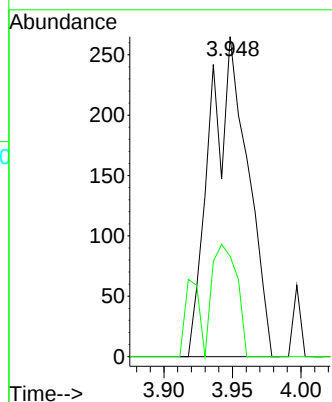
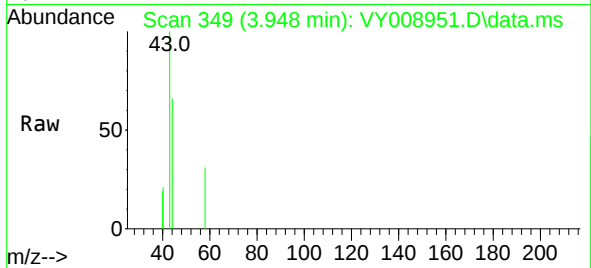




#16
Acetone
Concen: 1.878 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY008951.D
Acq: 21 May 2022 15:50

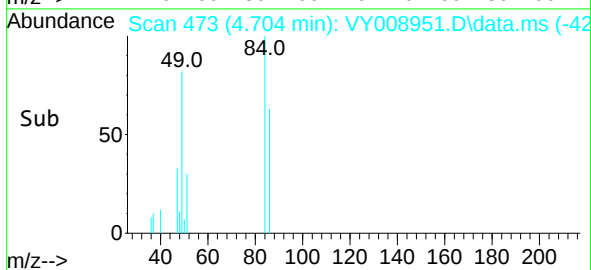
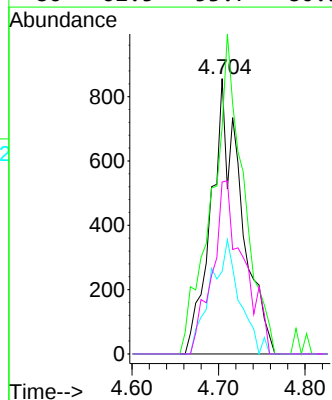
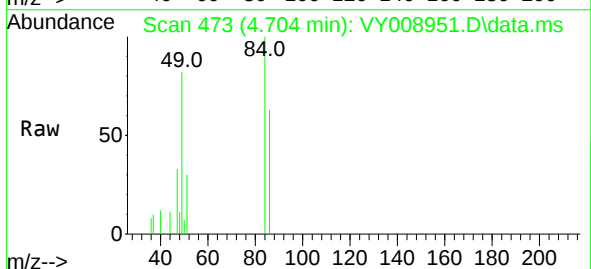
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ClientSampleId :
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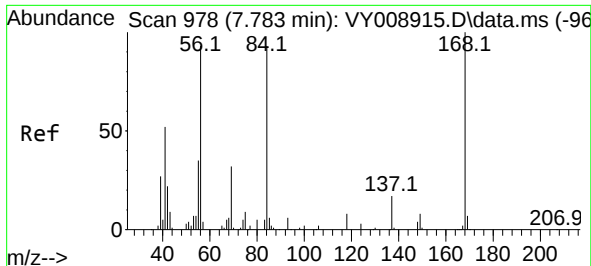
Tgt Ion: 43 Resp: 507
Ion Ratio Lower Upper
43 100
58 31.3 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY008951.D
Acq: 21 May 2022 15:50

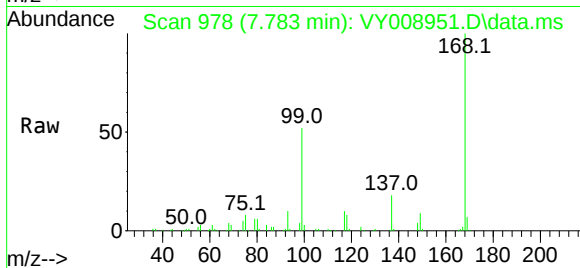
Tgt Ion: 84 Resp: 2075
Ion Ratio Lower Upper
84 100
49 82.4 114.4 171.6#
51 29.9 35.3 52.9#
86 62.5 53.7 80.5



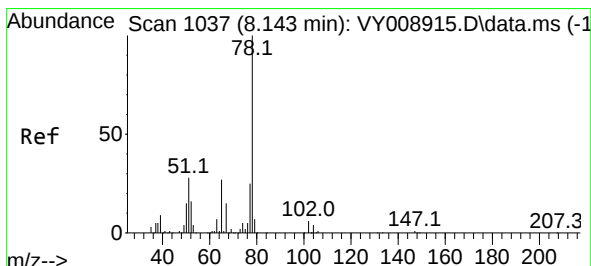
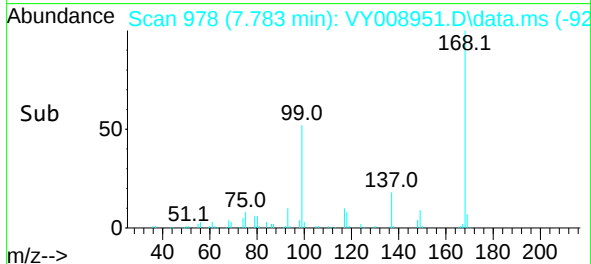
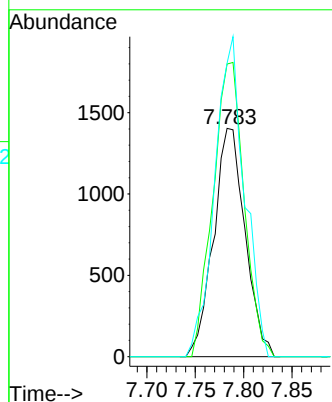


#31
Cyclohexane
Concen: 1.254 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008951.D
Acq: 21 May 2022 15:50

Instrument :
MSVOA_Y
ClientSampleId :
P013-SS005-0006-01

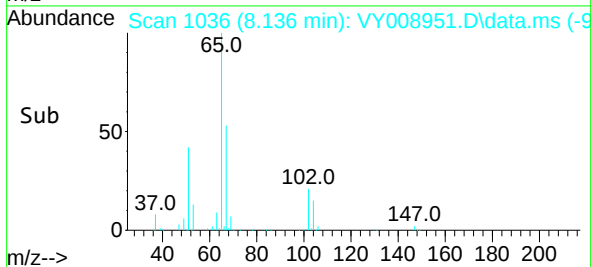
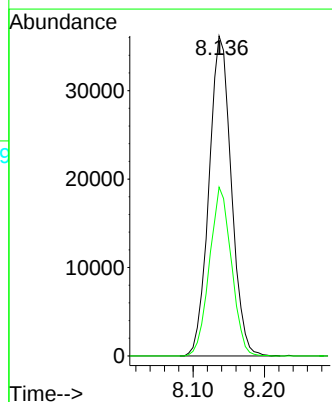
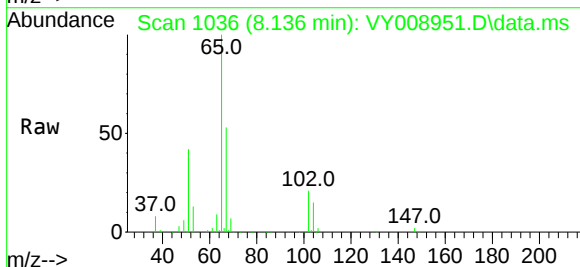


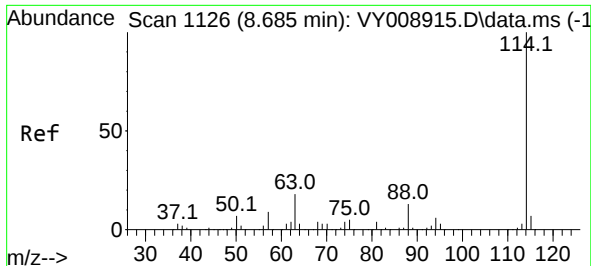
Tgt Ion: 56 Resp: 3182
Ion Ratio Lower Upper
56 100
69 128.2 26.7 40.1#
84 128.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 60.510 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008951.D
Acq: 21 May 2022 15:50

Tgt Ion: 65 Resp: 78472
Ion Ratio Lower Upper
65 100
67 51.8 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: VY008951.D

Acq: 21 May 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

P013-SS005-0006-01

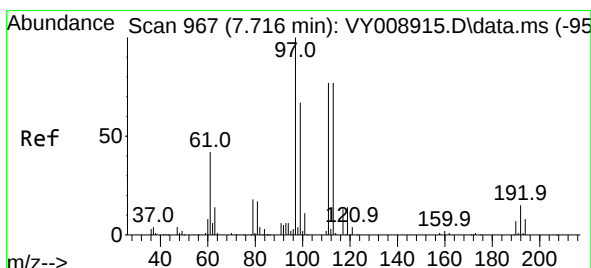
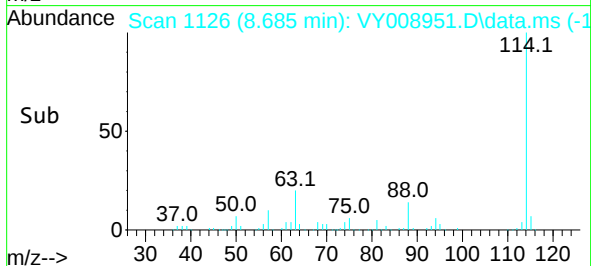
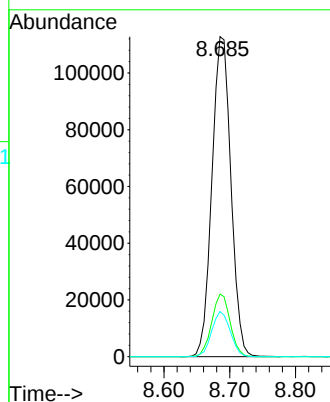
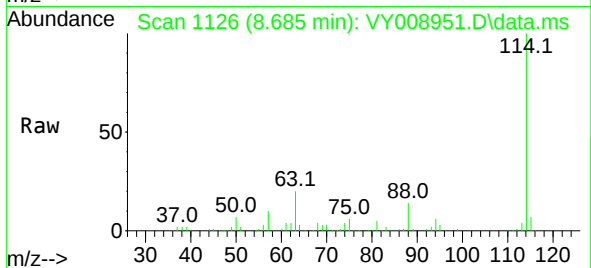
Tgt Ion:114 Resp: 226482

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.291 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008951.D

Acq: 21 May 2022 15:50

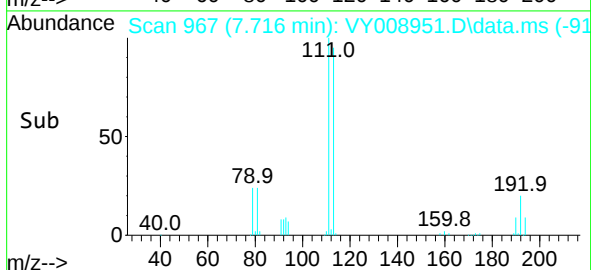
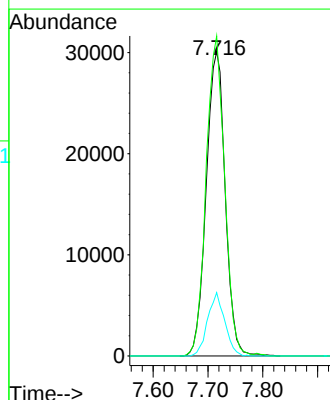
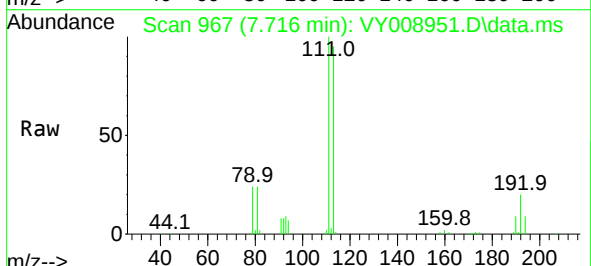
Tgt Ion:113 Resp: 72236

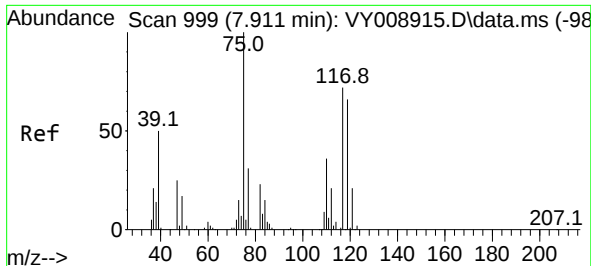
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 18.8 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.361 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY008951.D

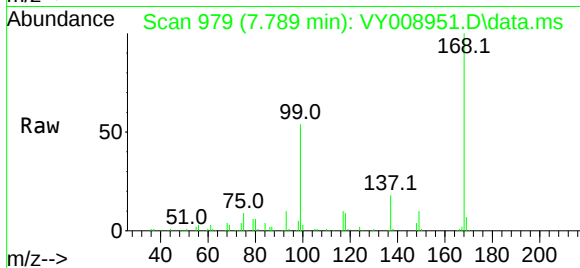
Acq: 21 May 2022 15:50

Instrument :

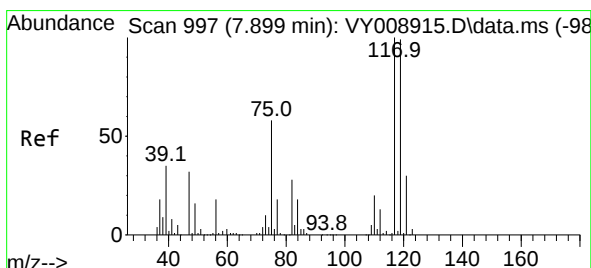
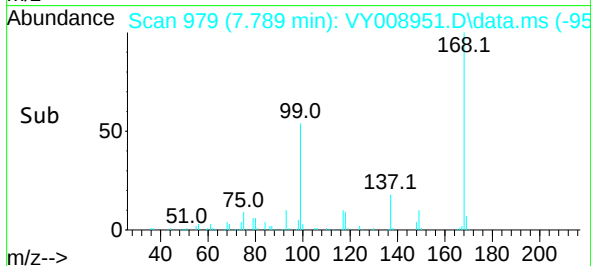
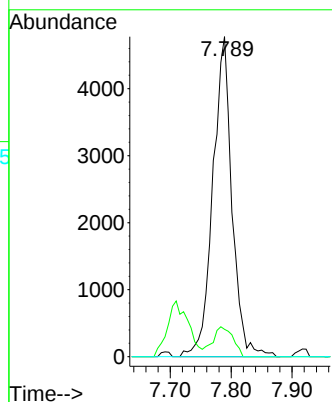
MSVOA_Y

ClientSampleId :

P013-SS005-0006-01



Tgt Ion:	75	Resp:	10452
Ion Ratio	Lower	Upper	
75	100		
110	9.9	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 4.903 ug/l

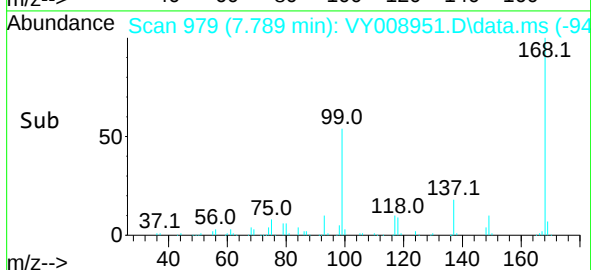
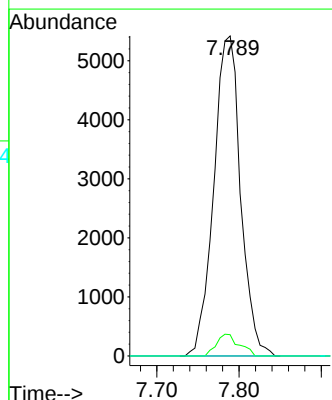
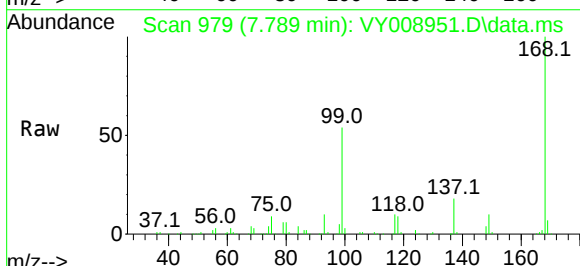
RT: 7.789 min Scan# 979

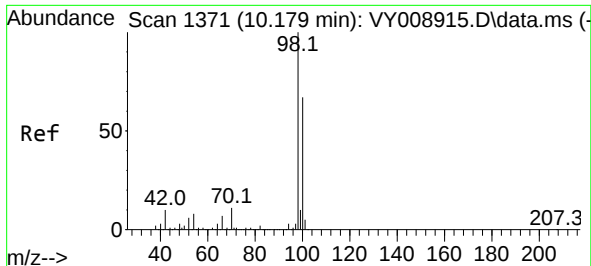
Delta R.T. -0.110 min

Lab File: VY008951.D

Acq: 21 May 2022 15:50

Tgt Ion:	117	Resp:	12294
Ion Ratio	Lower	Upper	
117	100		
119	6.6	77.9	116.9#
121	0.0	24.8	37.2#

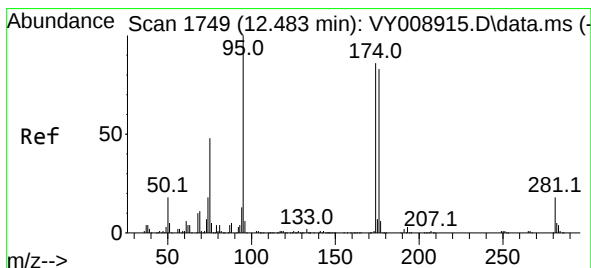
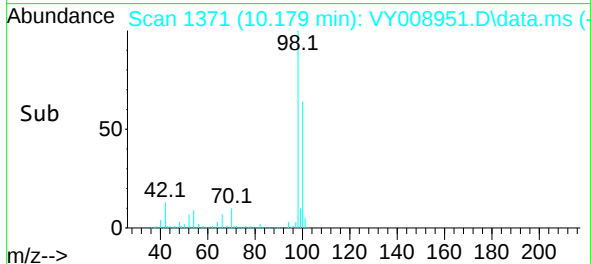
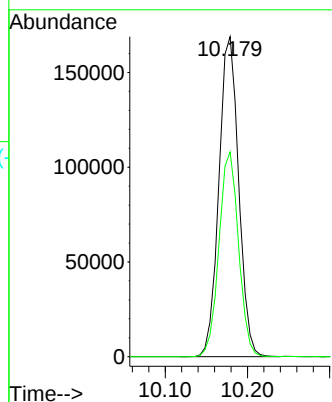
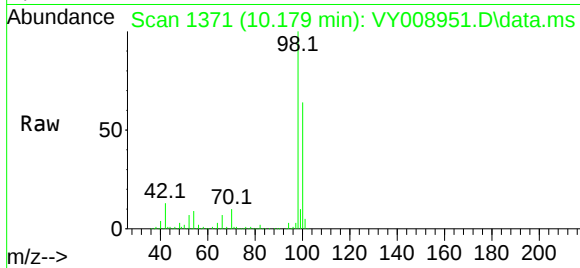




#50
Toluene-d8
Concen: 54.185 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008951.D
Acq: 21 May 2022 15:50

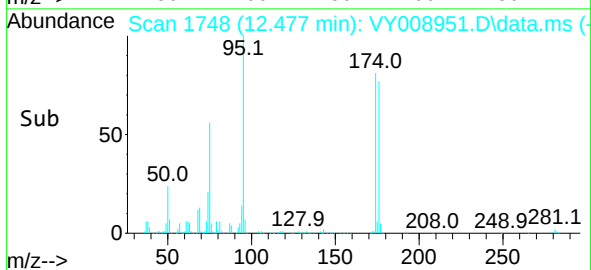
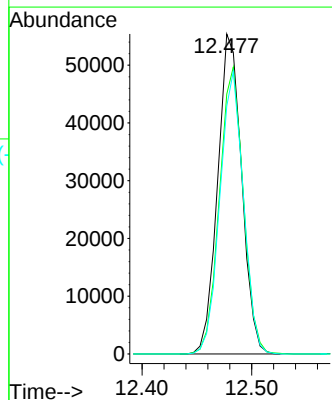
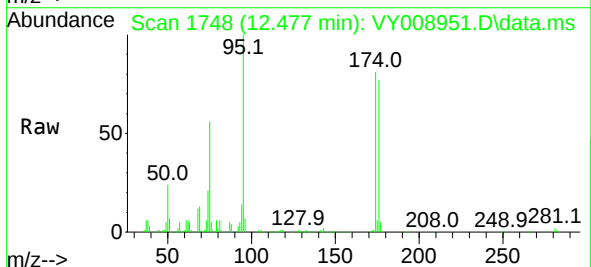
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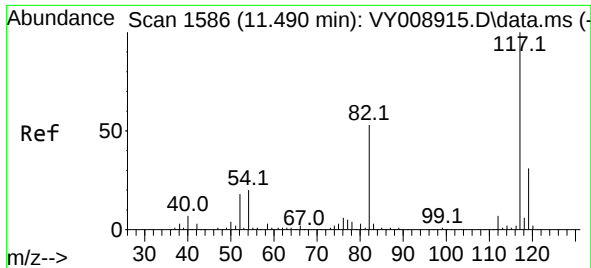
Tgt Ion: 98 Resp: 281526
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.210 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008951.D
Acq: 21 May 2022 15:50

Tgt Ion: 95 Resp: 84274
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 86.4 0.0 175.8

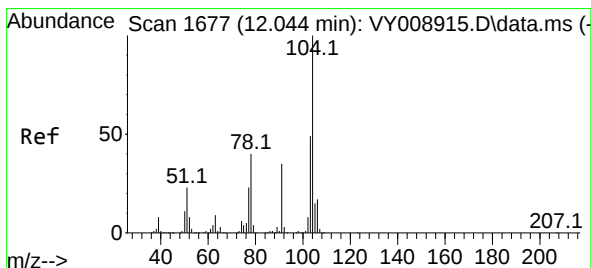
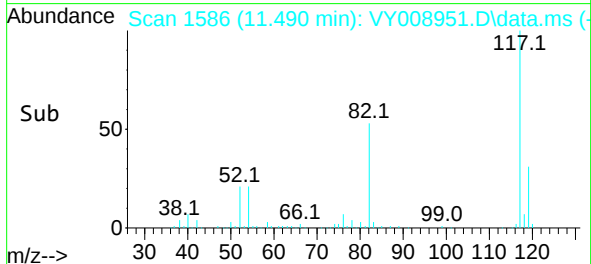
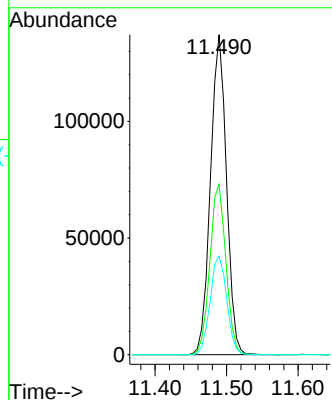
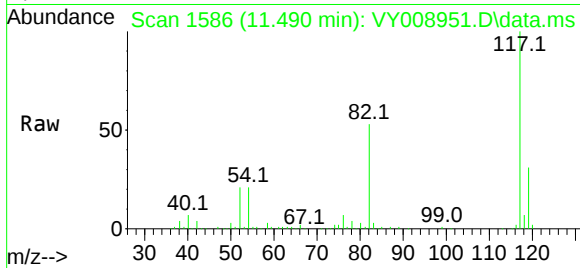




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008951.D
Acq: 21 May 2022 15:50

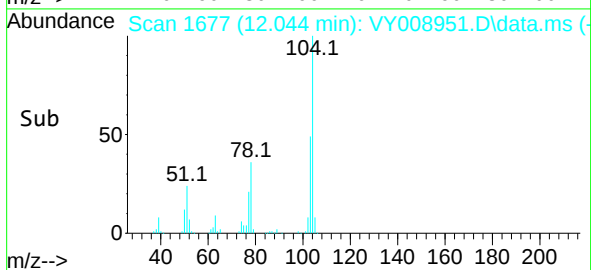
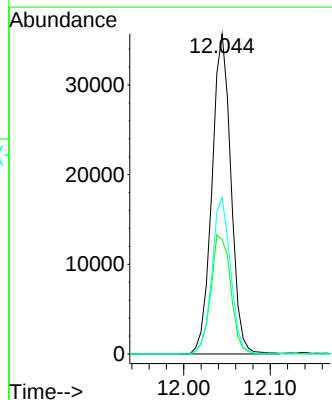
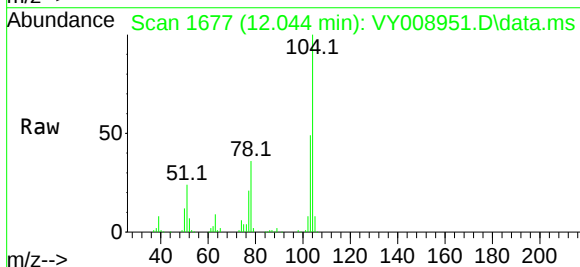
Instrument :
MSVOA_Y
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P013-SS005-0006-01

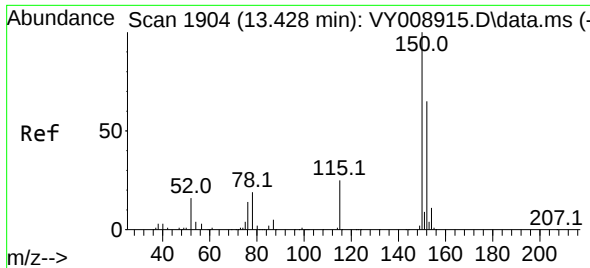
Tgt Ion:117 Resp: 212663
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 30.8 25.4 38.0



#70
Styrene
Concen: 9.511 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008951.D
Acq: 21 May 2022 15:50

Tgt Ion:104 Resp: 54236
Ion Ratio Lower Upper
104 100
78 39.0 42.4 63.6#
103 47.7 44.4 66.6

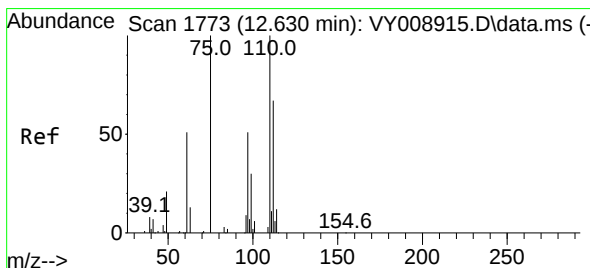
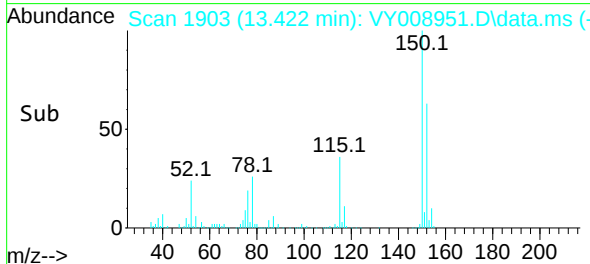
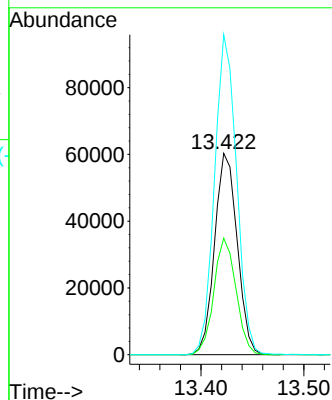
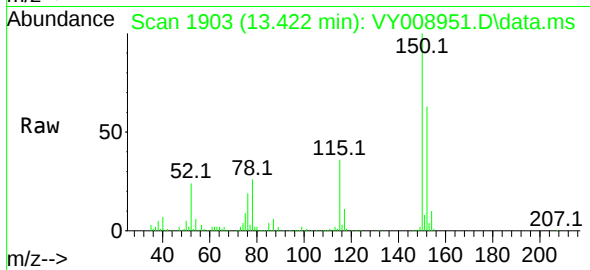




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY008951.D
Acq: 21 May 2022 15:50

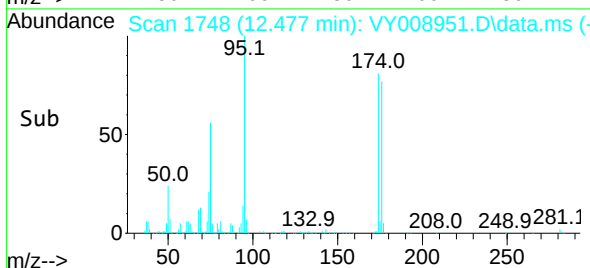
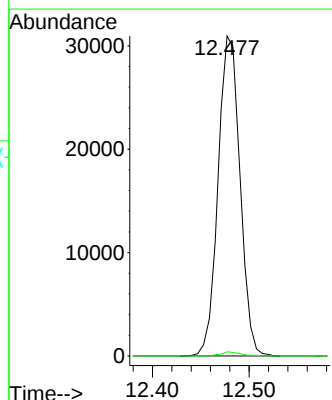
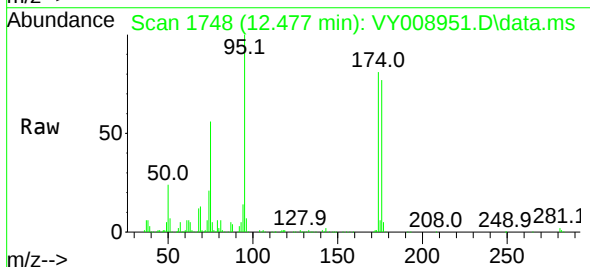
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS005-0006-01

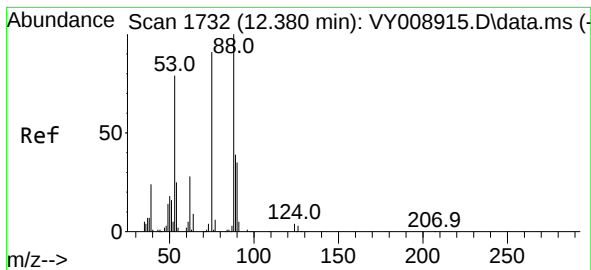
Tgt Ion:152 Resp: 92134
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 155.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 49.176 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY008951.D
Acq: 21 May 2022 15:50

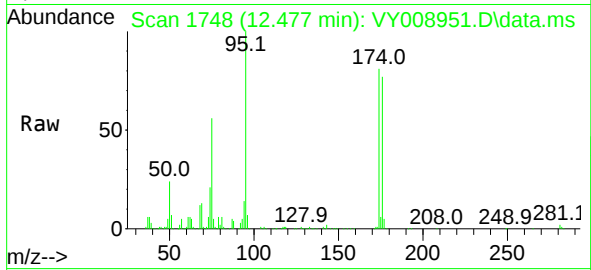
Tgt Ion: 75 Resp: 48655
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.934 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY008951.D
 Acq: 21 May 2022 15:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS005-0006-01



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

