

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008957.D
 Acq On : 21 May 2022 18:10
 Operator : KP/MD
 Sample : N2919-22
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS003-0006-01

Quant Time: May 21 21:31:42 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)

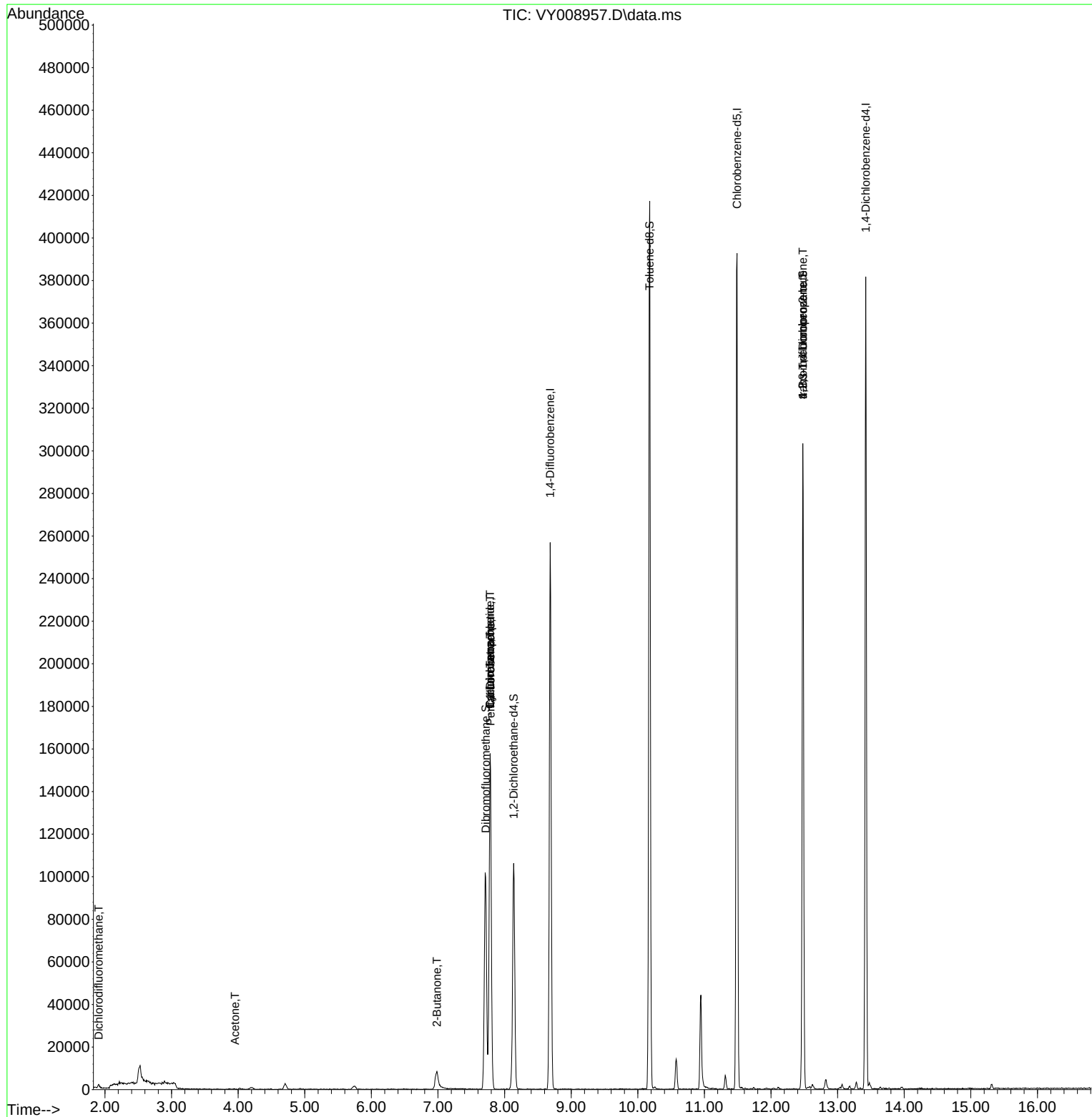
Internal Standards						
1) Pentafluorobenzene	7.789	168	117750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	213105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	206851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77737	64.147	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.300%	
35) Dibromofluoromethane	7.716	113	69643	52.554	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.100%	
50) Toluene-d8	10.179	98	267725	54.763	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.520%	
62) 4-Bromofluorobenzene	12.477	95	77806	39.454	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.900%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	1417	1.316	ug/l	90
16) Acetone	3.954	43	404	1.602	ug/l #	47
20) Methylene Chloride	4.710	84	1693	Below Cal		90
25) 2-Butanone	6.984	43	528	1.172	ug/l #	54
31) Cyclohexane	7.783	56	2835	1.196	ug/l #	5
36) 1,1-Dichloropropene	7.783	75	10481	4.647	ug/l #	50
38) Carbon Tetrachloride	7.783	117	12158	5.154	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	45450	47.802	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	45450	98.113	ug/l #	8

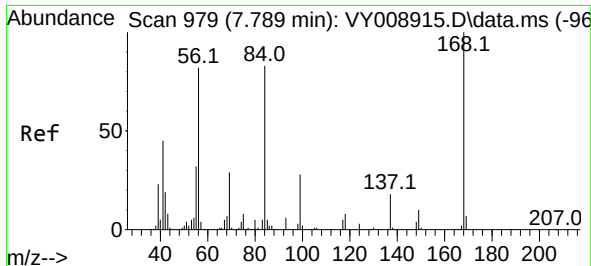
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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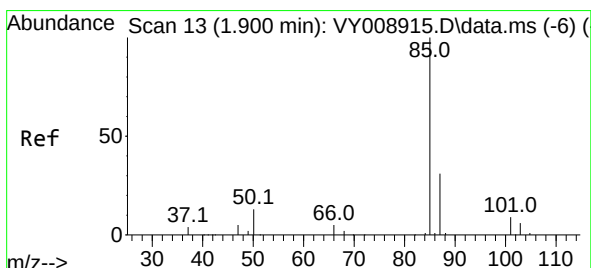
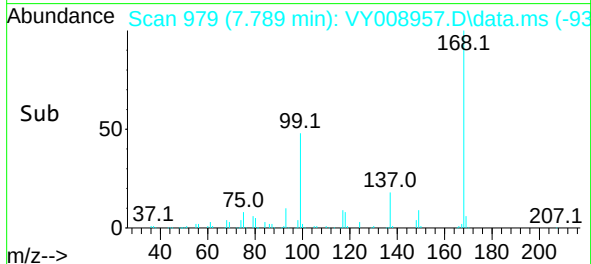
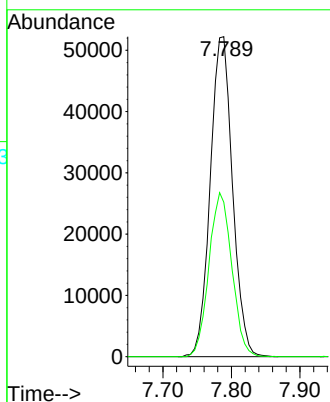
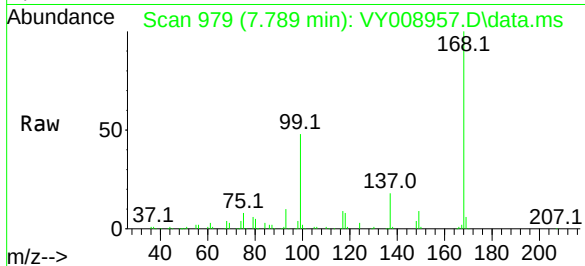




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008957.D
Acq: 21 May 2022 18:10

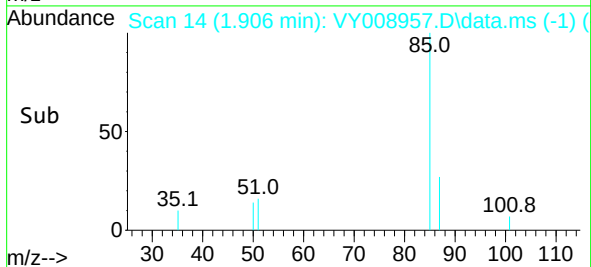
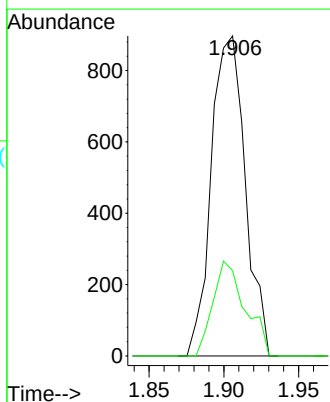
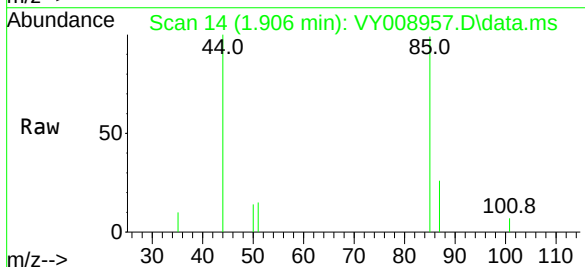
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS003-0006-01

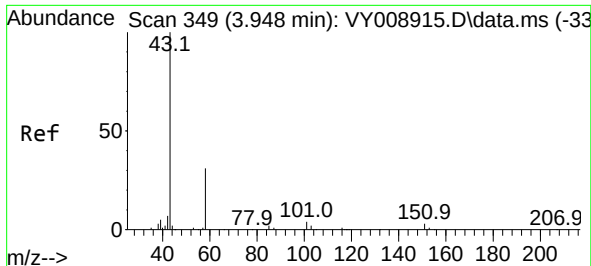
Tgt Ion:168 Resp: 117750
Ion Ratio Lower Upper
168 100
99 48.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.316 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY008957.D
Acq: 21 May 2022 18:10

Tgt Ion: 85 Resp: 1417
Ion Ratio Lower Upper
85 100
87 26.6 16.1 48.2

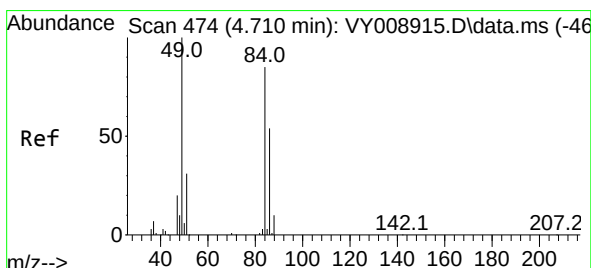
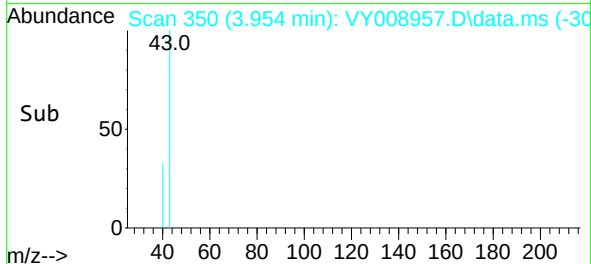
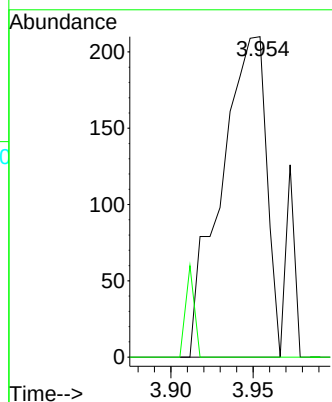
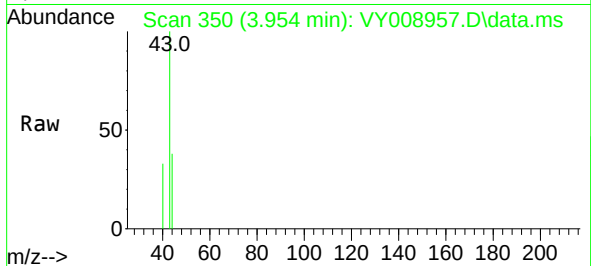




#16
Acetone
Concen: 1.602 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008957.D
Acq: 21 May 2022 18:10

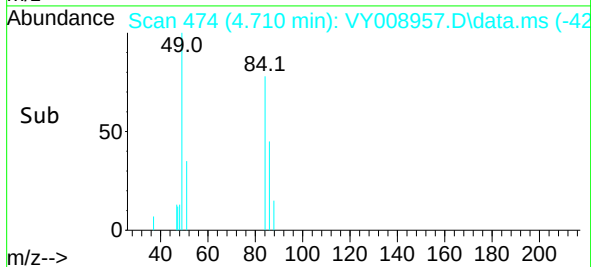
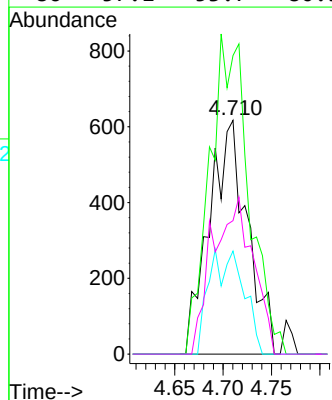
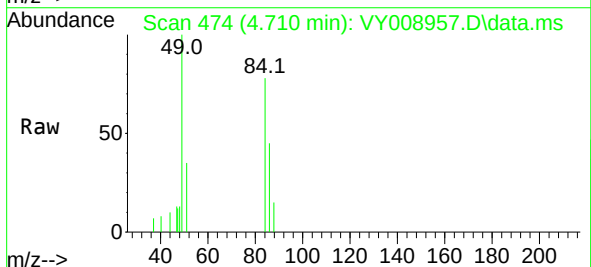
Instrument :
MSVOA_Y
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P015-SS003-0006-01

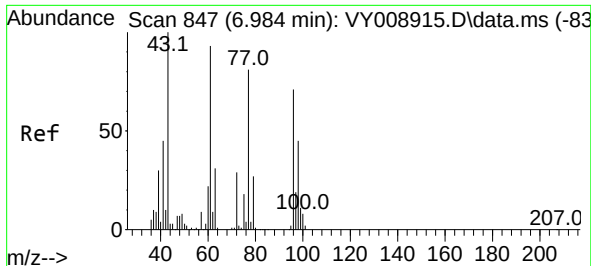
Tgt Ion: 43 Resp: 404
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008957.D
Acq: 21 May 2022 18:10

Tgt Ion: 84 Resp: 1693
Ion Ratio Lower Upper
84 100
49 127.7 114.4 171.6
51 44.1 35.3 52.9
86 57.1 53.7 80.5

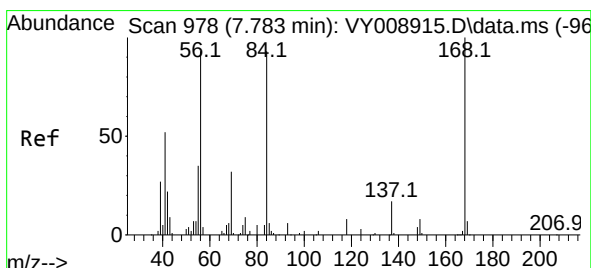
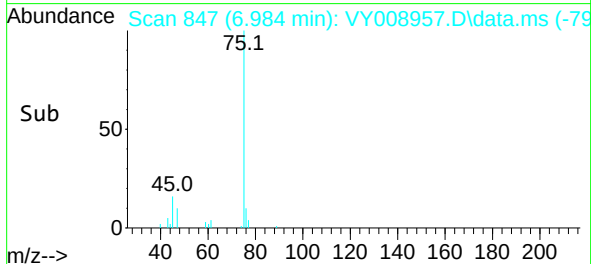
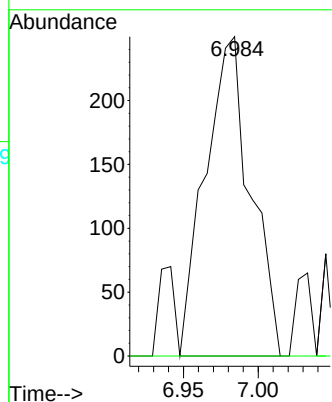
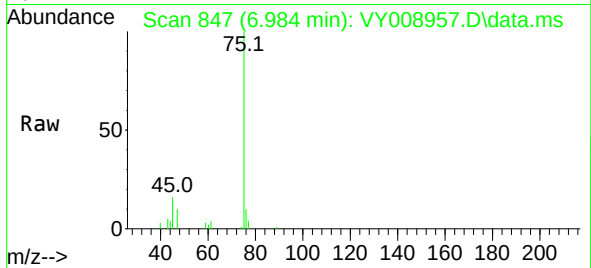




#25
2-Butanone
Concen: 1.172 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008957.D
Acq: 21 May 2022 18:10

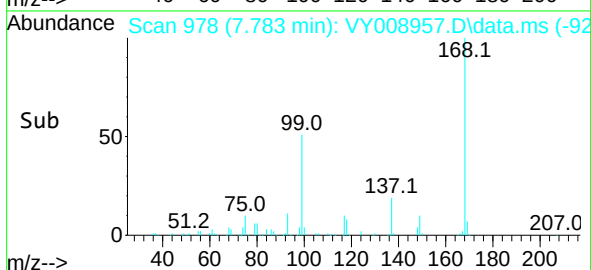
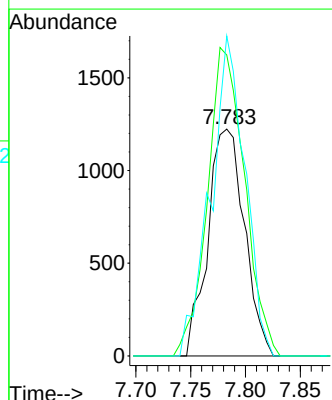
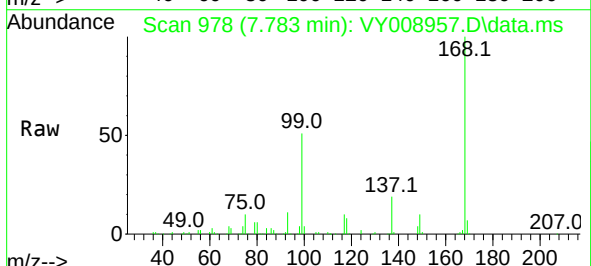
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS003-0006-01

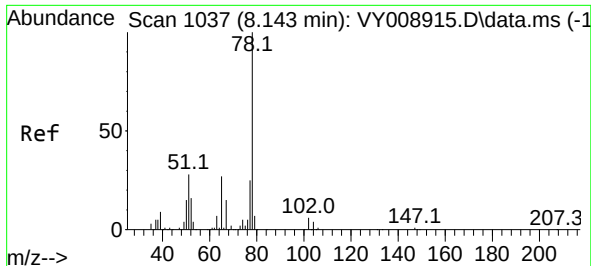
Tgt Ion: 43 Resp: 528
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.196 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008957.D
Acq: 21 May 2022 18:10

Tgt Ion: 56 Resp: 2835
Ion Ratio Lower Upper
56 100
69 132.6 26.7 40.1#
84 141.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 64.147 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY008957.D

Acq: 21 May 2022 18:10

Instrument :

MSVOA_Y

ClientSampleId :

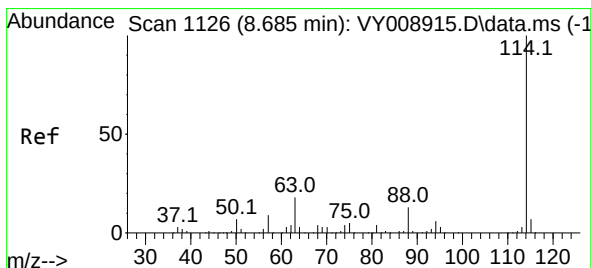
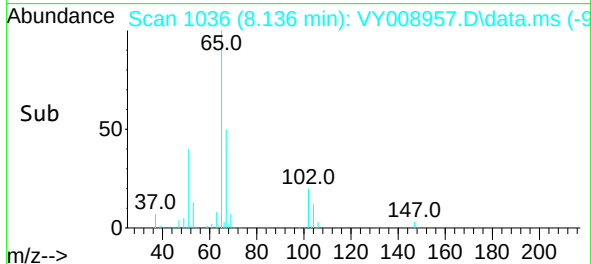
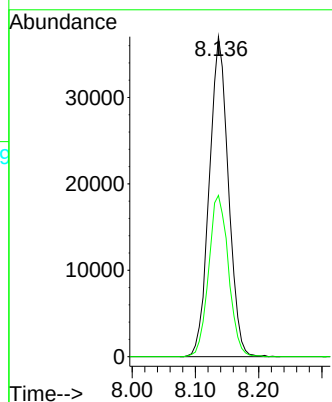
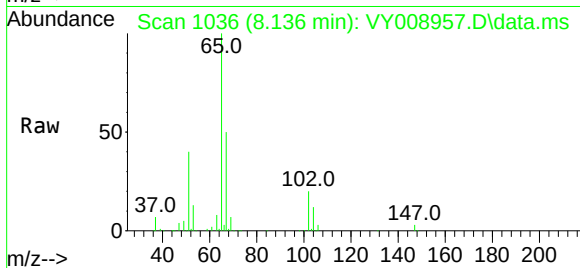
P015-SS003-0006-01

Tgt Ion: 65 Resp: 77737

Ion Ratio Lower Upper

65 100

67 52.3 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: VY008957.D

Acq: 21 May 2022 18:10

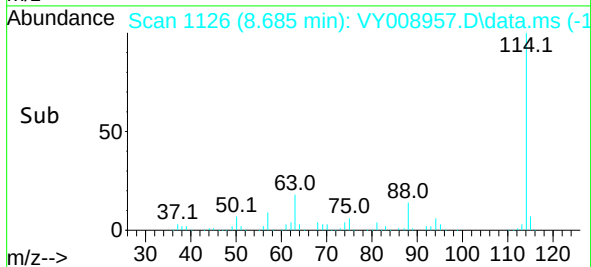
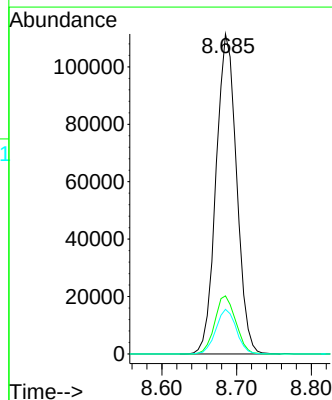
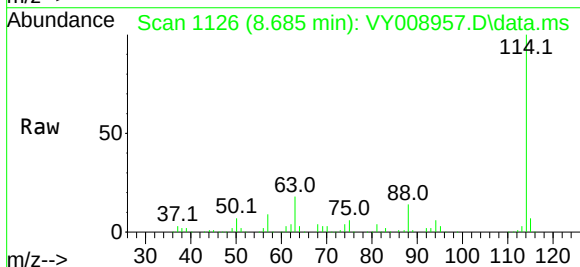
Tgt Ion: 114 Resp: 213105

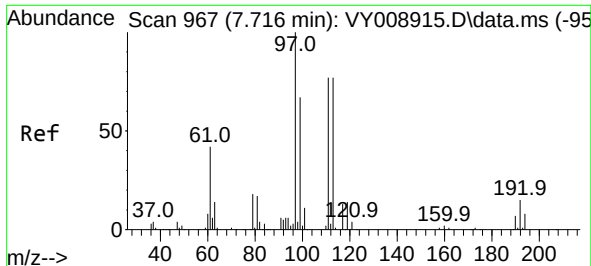
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 13.9 0.0 31.8

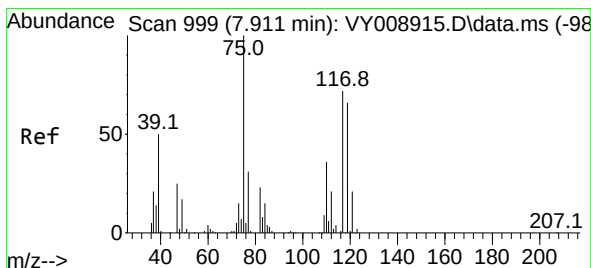
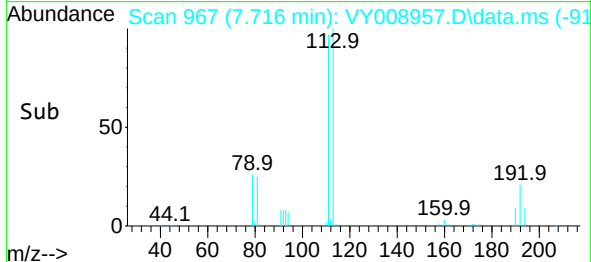
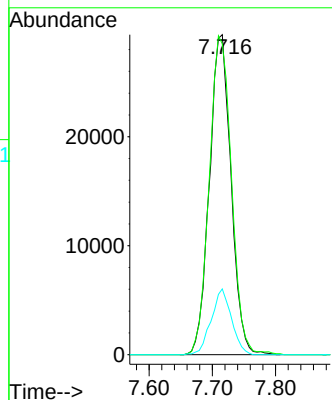
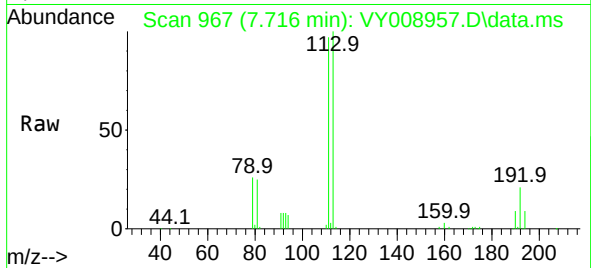




#35
Dibromofluoromethane
Concen: 52.554 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008957.D
Acq: 21 May 2022 18:10

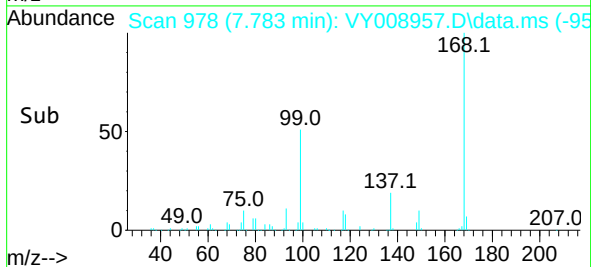
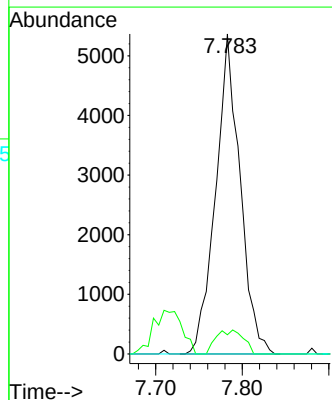
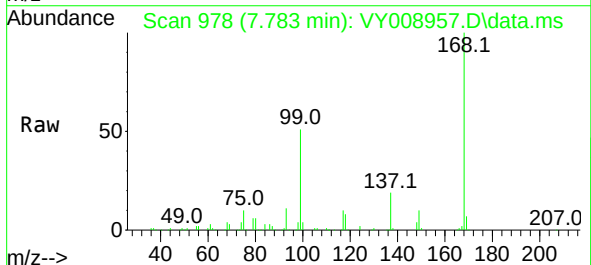
Instrument :
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ClientSampleId :
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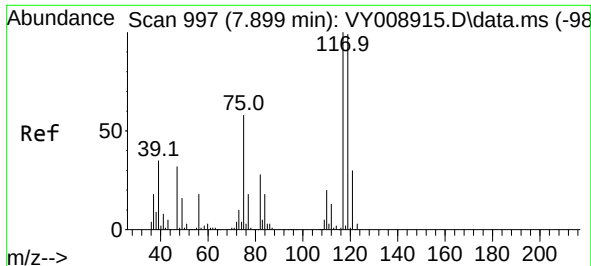
Tgt Ion:113 Resp: 69643
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 19.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.647 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY008957.D
Acq: 21 May 2022 18:10

Tgt Ion: 75 Resp: 10481
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#

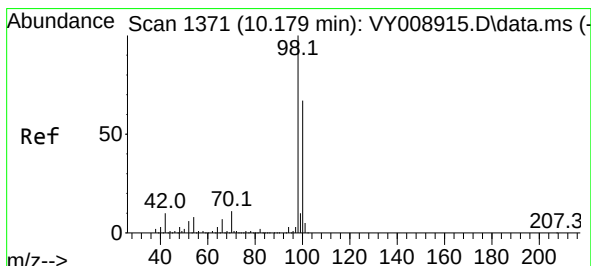
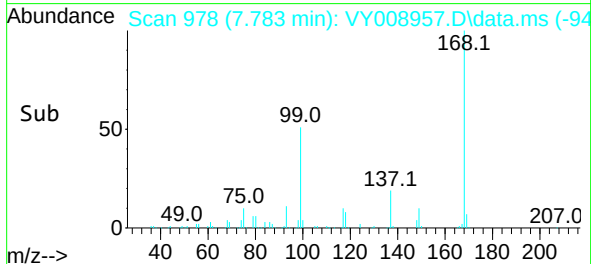
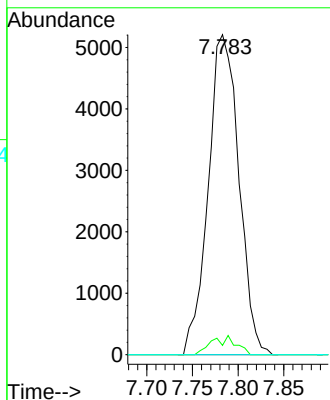
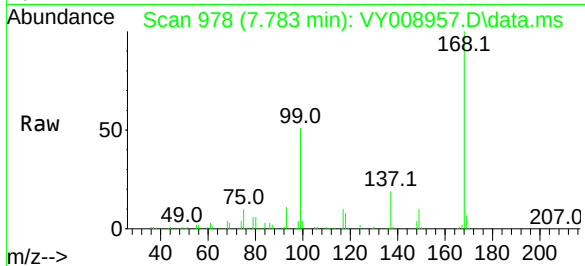




#38
Carbon Tetrachloride
Concen: 5.154 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008957.D
Acq: 21 May 2022 18:10

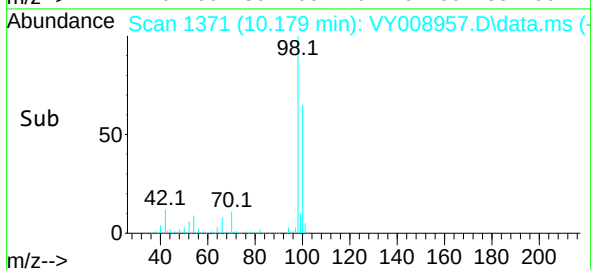
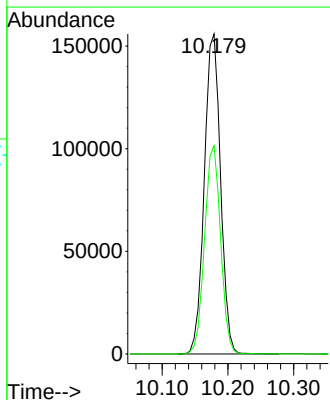
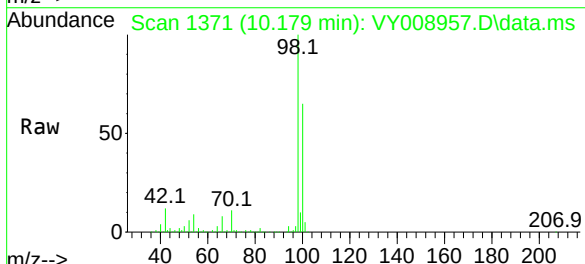
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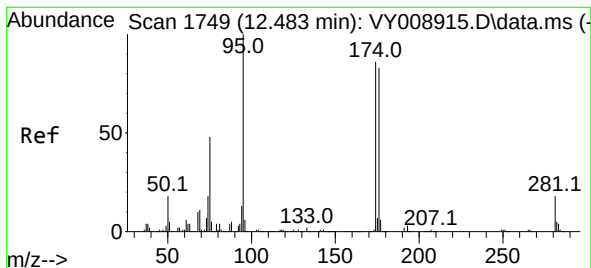
Tgt Ion:117 Resp: 12158
Ion Ratio Lower Upper
117 100
119 2.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.763 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008957.D
Acq: 21 May 2022 18:10

Tgt Ion: 98 Resp: 267725
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

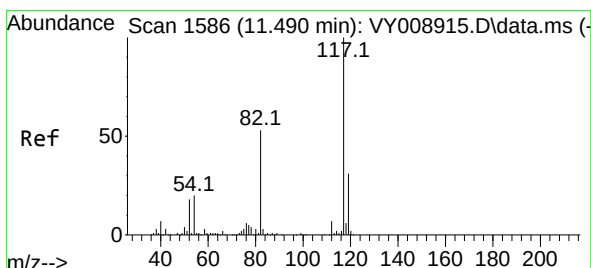
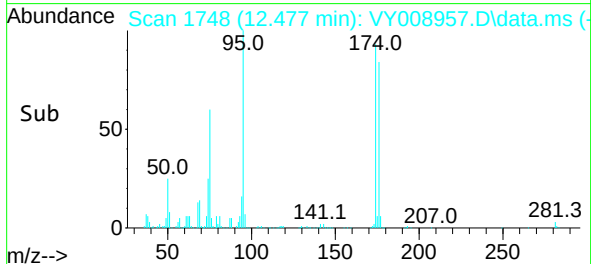
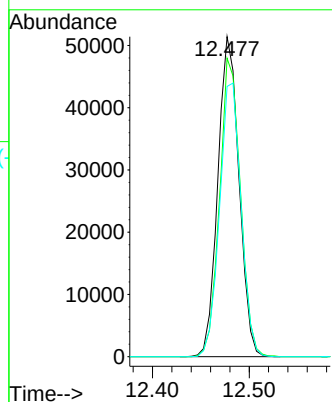
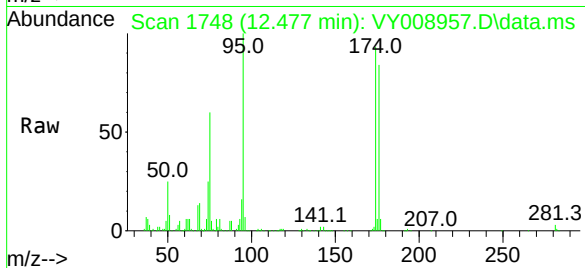




#62
4-Bromofluorobenzene
Concen: 39.454 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008957.D
Acq: 21 May 2022 18:10

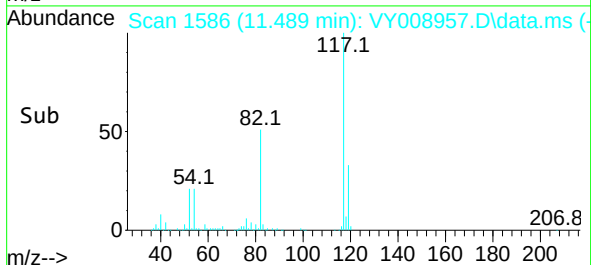
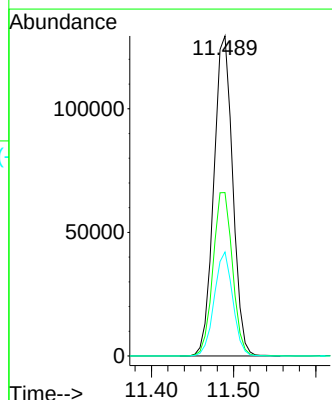
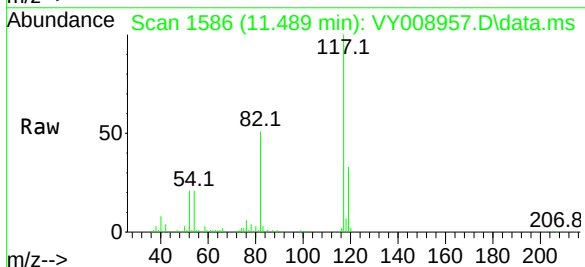
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS003-0006-01

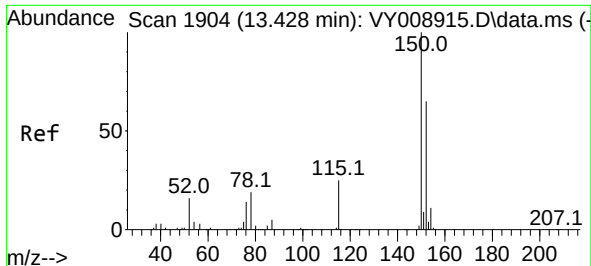
Tgt Ion: 95 Resp: 77806
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.0
176 87.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008957.D
Acq: 21 May 2022 18:10

Tgt Ion: 117 Resp: 206851
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 32.5 25.4 38.0

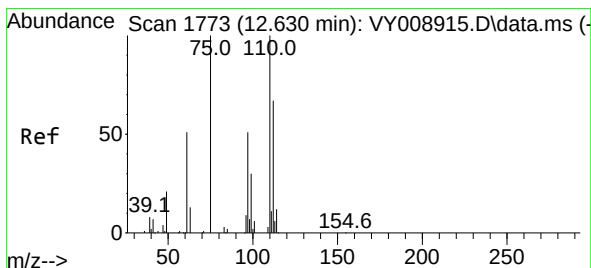
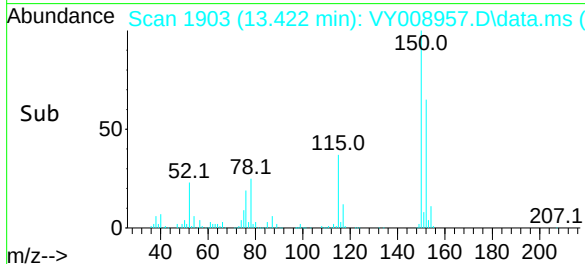
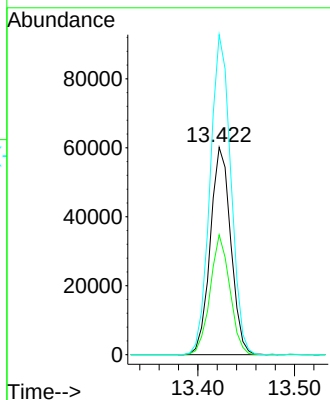
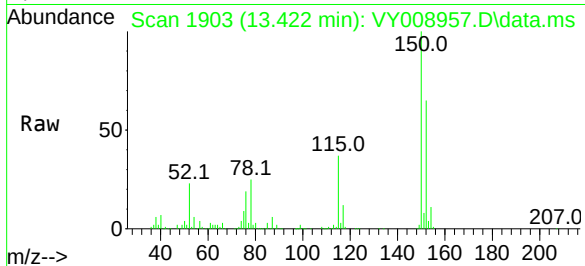




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY008957.D
Acq: 21 May 2022 18:10

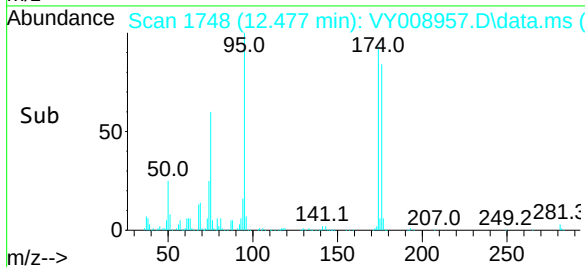
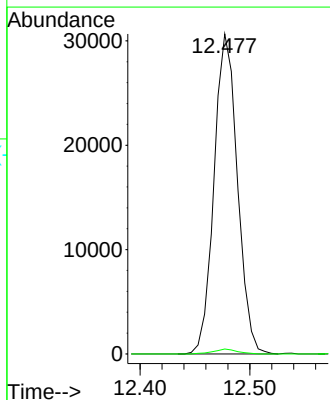
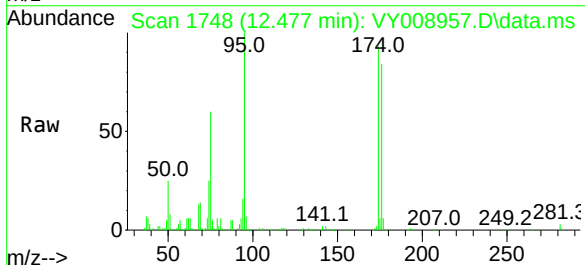
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS003-0006-01

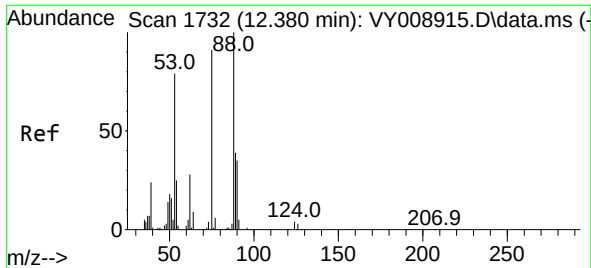
Tgt Ion:152 Resp: 88539
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 156.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 47.802 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY008957.D
Acq: 21 May 2022 18:10

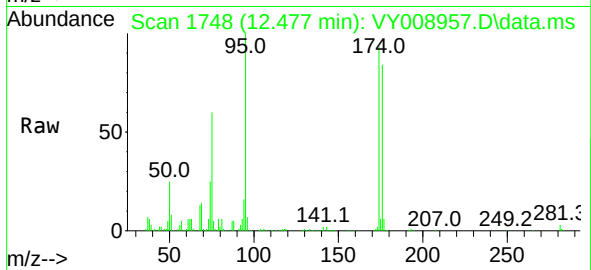
Tgt Ion: 75 Resp: 45450
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.113 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY008957.D
 Acq: 21 May 2022 18:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS003-0006-01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.5	85.3	127.9#
89	0.0	37.0	55.4#

