

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008946.D
 Acq On : 21 May 2022 13:53
 Operator : KP/MD
 Sample : N2919-11
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS002-1218-01

Quant Time: May 21 21:29:25 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)

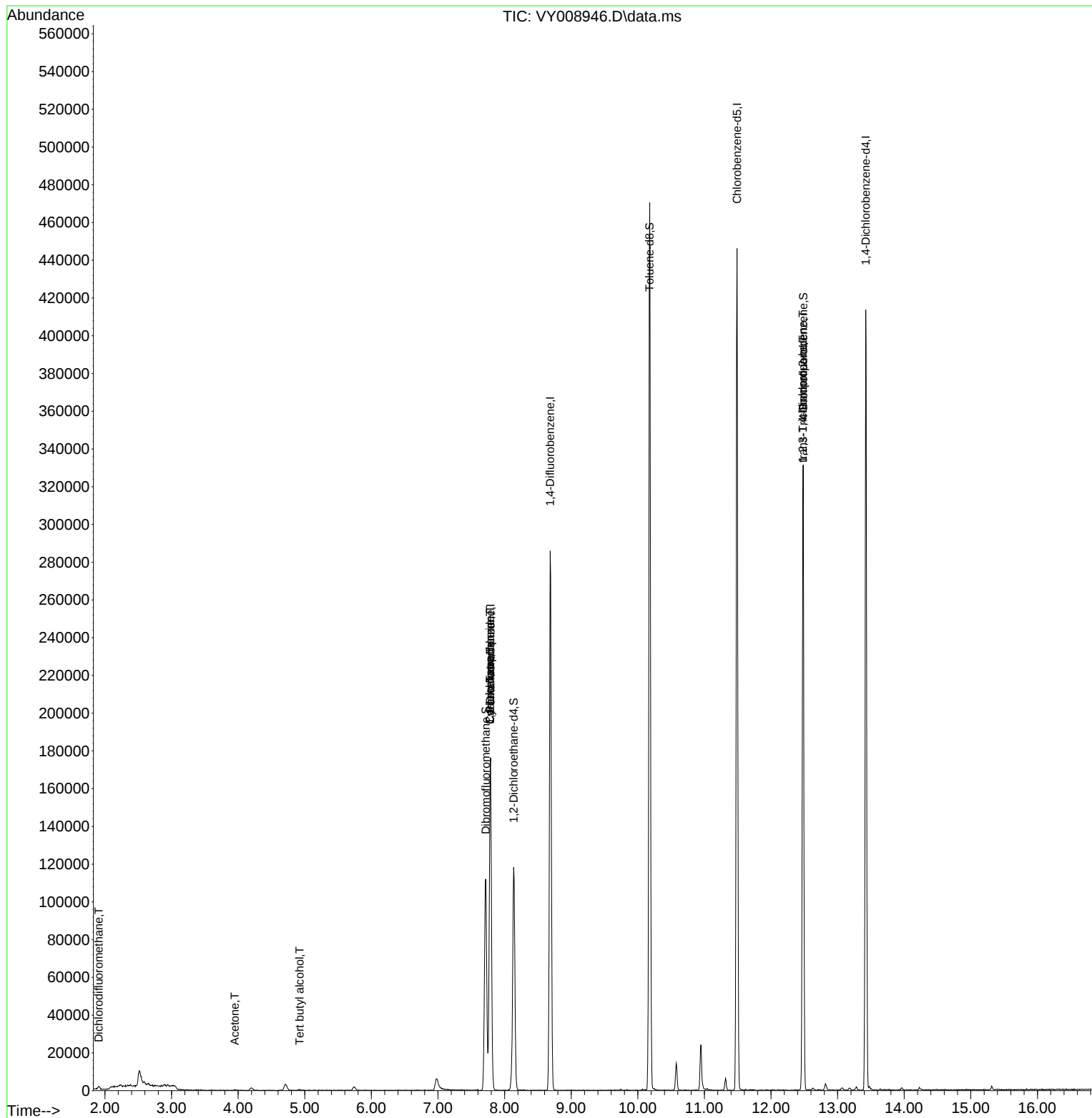
Internal Standards						
1) Pentafluorobenzene	7.789	168	134153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	240226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	229049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85128	61.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.320%	
35) Dibromofluoromethane	7.716	113	75996	50.873	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.740%	
50) Toluene-d8	10.179	98	304663	55.283	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.560%	
62) 4-Bromofluorobenzene	12.483	95	88018	39.593	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.180%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	1281	1.044	ug/l	98
11) Tert butyl alcohol	4.924	59	437	3.120	ug/l #	77
16) Acetone	3.948	43	359	1.249	ug/l #	62
20) Methylene Chloride	4.710	84	2294	Below Cal	#	78
31) Cyclohexane	7.783	56	3023	1.119	ug/l #	21
36) 1,1-Dichloropropene	7.783	75	11330	4.457	ug/l #	51
38) Carbon Tetrachloride	7.783	117	13629	5.125	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	50646	48.273	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	50646	99.081	ug/l #	7

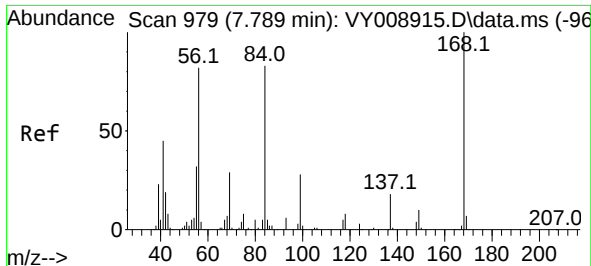
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
Data File : VY008946.D
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P013-SS002-1218-01

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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

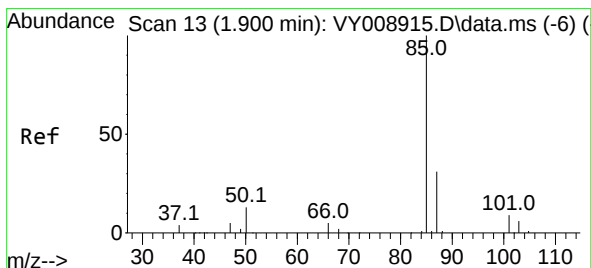
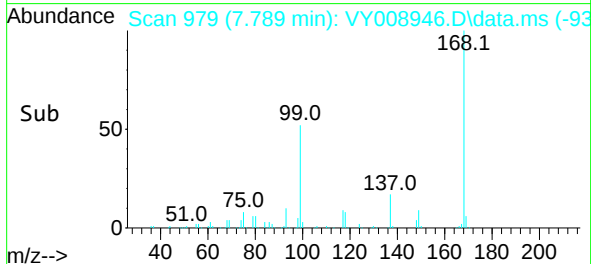
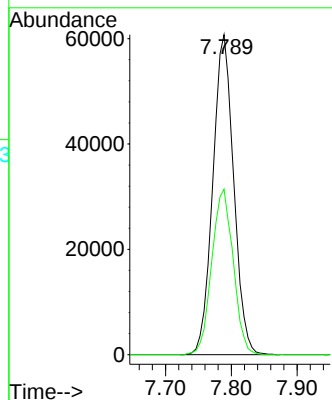
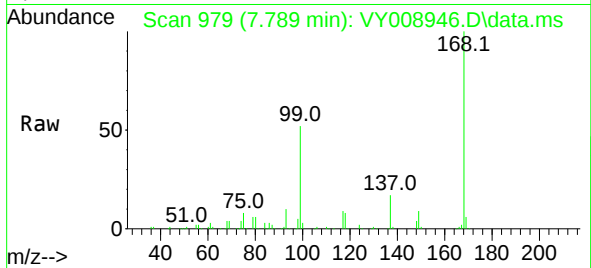




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008946.D
Acq: 21 May 2022 13:53

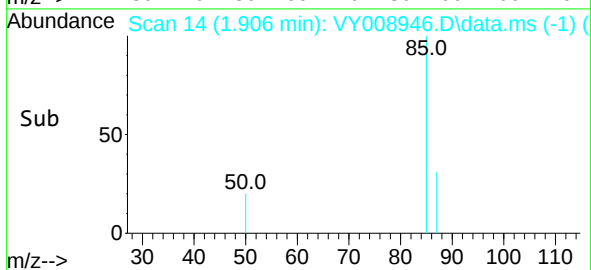
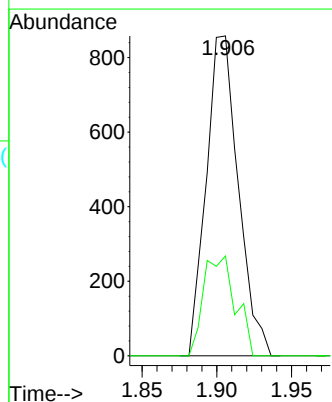
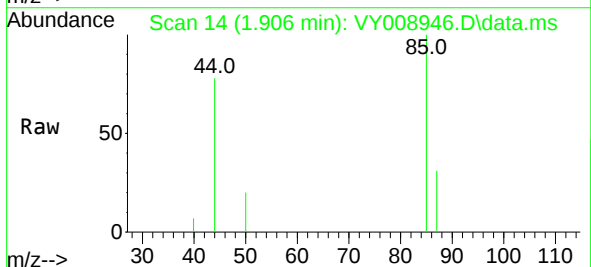
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS002-1218-01

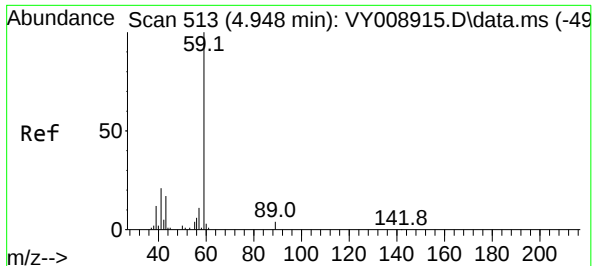
Tgt Ion:168 Resp: 134153
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.044 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY008946.D
Acq: 21 May 2022 13:53

Tgt Ion: 85 Resp: 1281
Ion Ratio Lower Upper
85 100
87 31.2 16.1 48.2





#11

Tert butyl alcohol

Concen: 3.120 ug/l

RT: 4.924 min Scan# 509

Delta R.T. -0.024 min

Lab File: VY008946.D

Acq: 21 May 2022 13:53

Instrument :

MSVOA_Y

ClientSampleId :

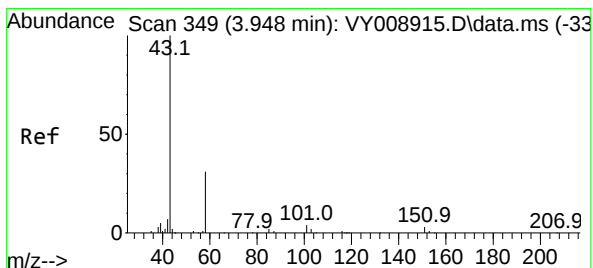
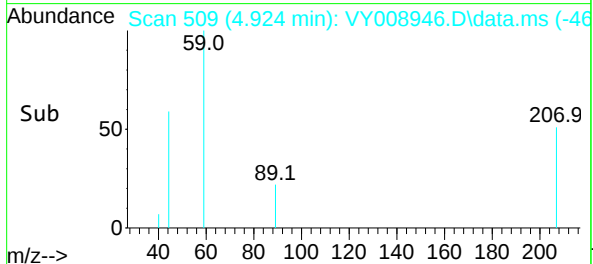
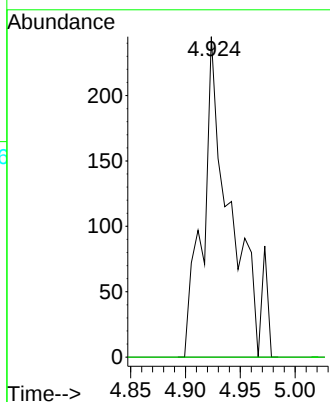
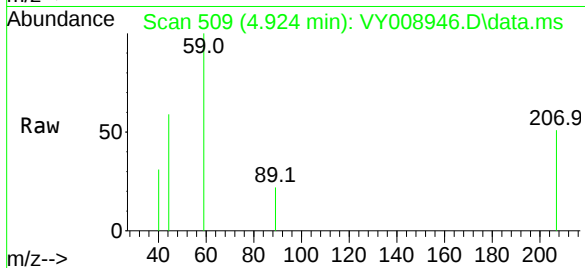
P013-SS002-1218-01

Tgt Ion: 59 Resp: 437

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.249 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY008946.D

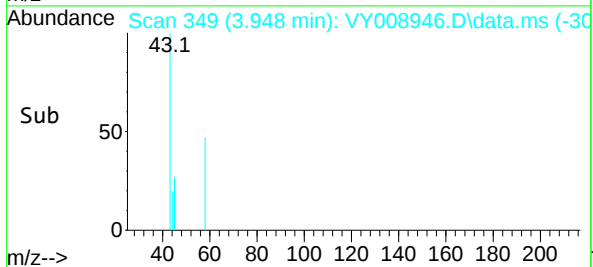
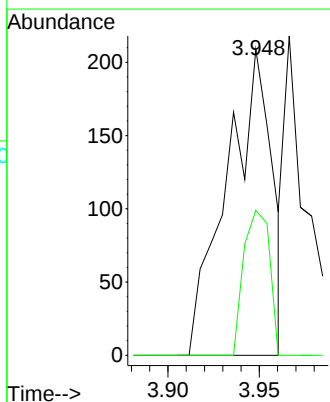
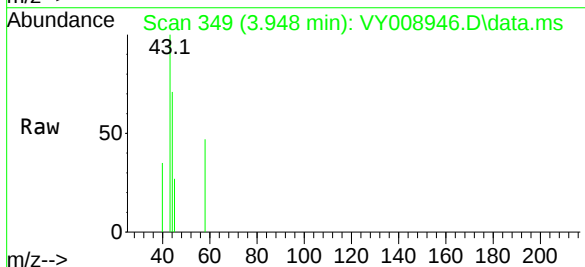
Acq: 21 May 2022 13:53

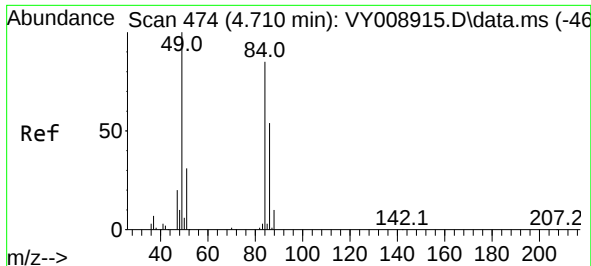
Tgt Ion: 43 Resp: 359

Ion Ratio Lower Upper

43 100

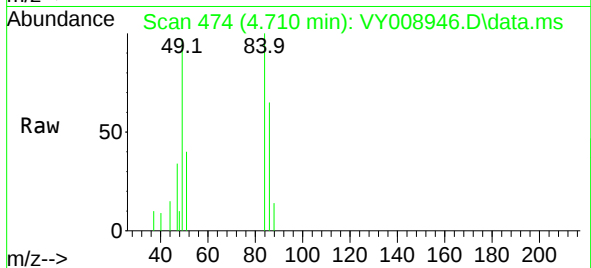
58 47.4 22.0 33.0#





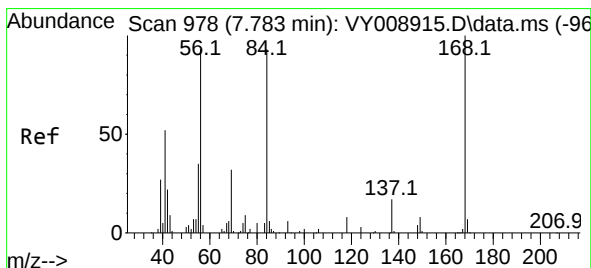
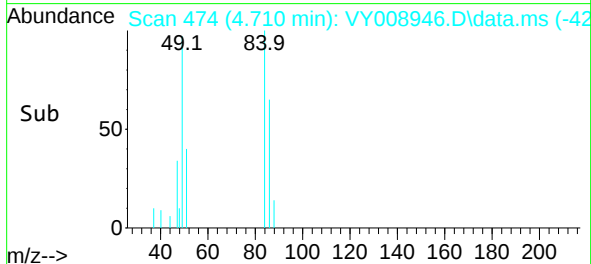
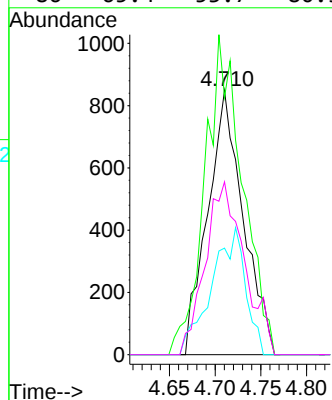
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008946.D
Acq: 21 May 2022 13:53

Instrument :
MSVOA_Y
ClientSampleId :
P013-SS002-1218-01



Tgt Ion: 84 Resp: 2294

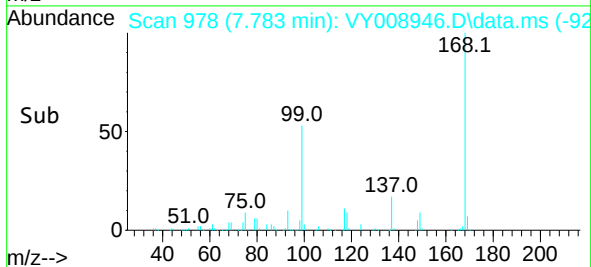
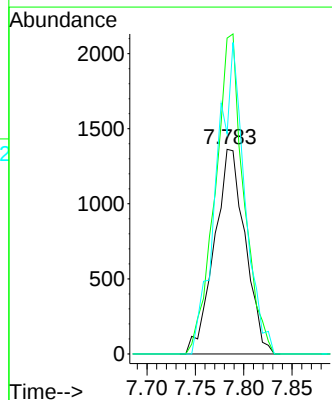
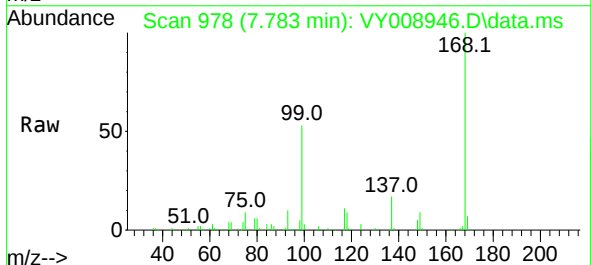
Ion	Ratio	Lower	Upper
84	100		
49	97.3	114.4	171.6#
51	40.3	35.3	52.9
86	65.4	53.7	80.5

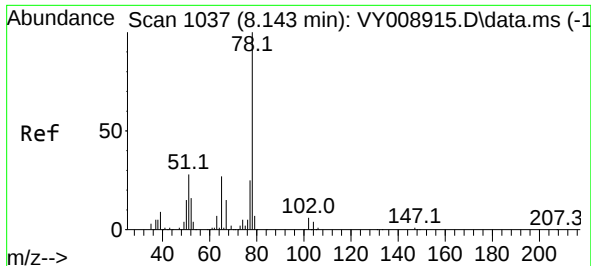


#31
Cyclohexane
Concen: 1.119 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008946.D
Acq: 21 May 2022 13:53

Tgt Ion: 56 Resp: 3023

Ion	Ratio	Lower	Upper
56	100		
69	154.3	26.7	40.1#
84	107.6	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 61.657 ug/l

RT: 8.136 min Scan# 1037

Delta R.T. -0.007 min

Lab File: VY008946.D

Acq: 21 May 2022 13:53

Instrument :

MSVOA_Y

ClientSampleId :

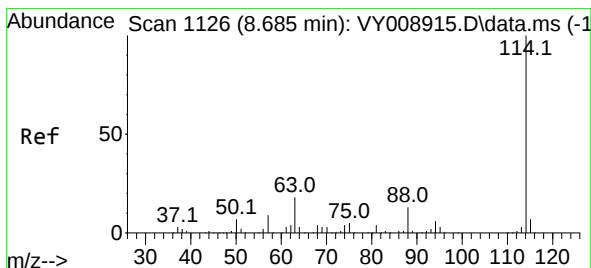
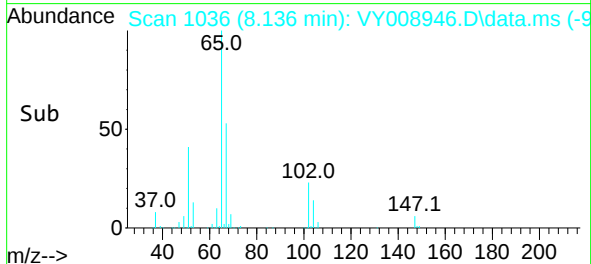
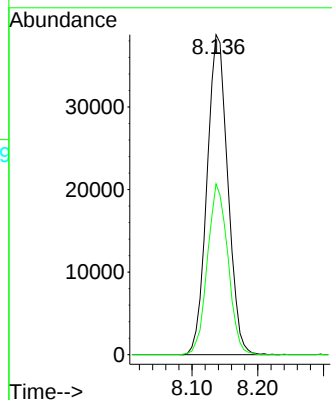
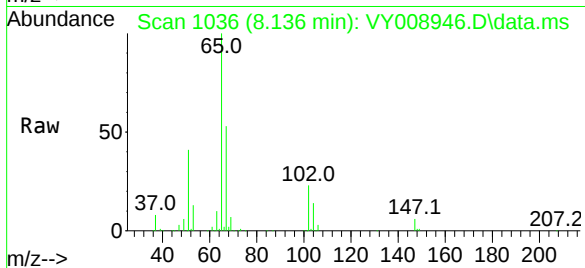
P013-SS002-1218-01

Tgt Ion: 65 Resp: 85128

Ion Ratio Lower Upper

65 100

67 52.6 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: VY008946.D

Acq: 21 May 2022 13:53

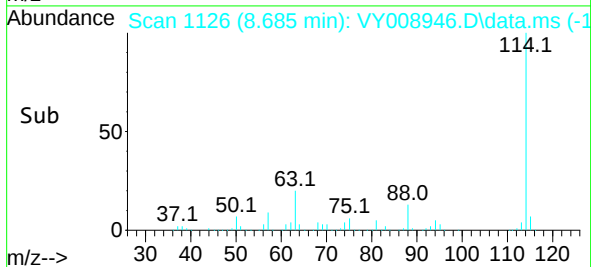
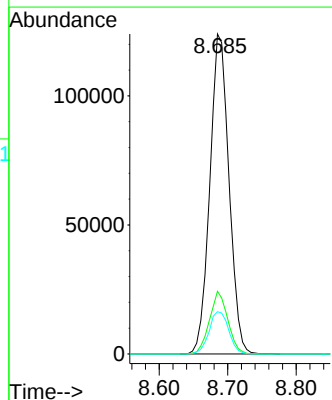
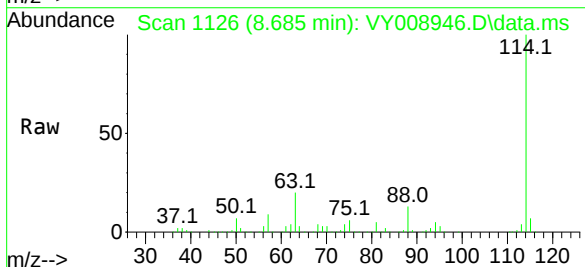
Tgt Ion: 114 Resp: 240226

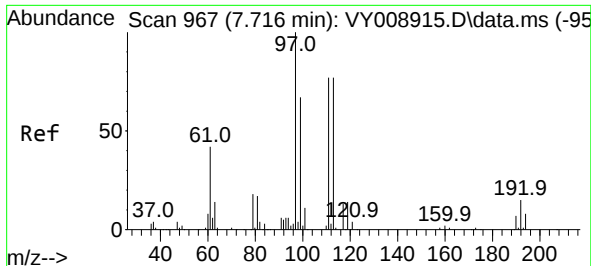
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 13.2 0.0 31.8

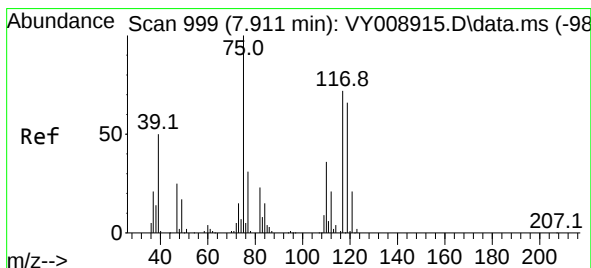
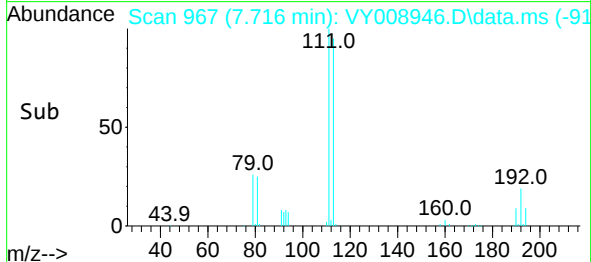
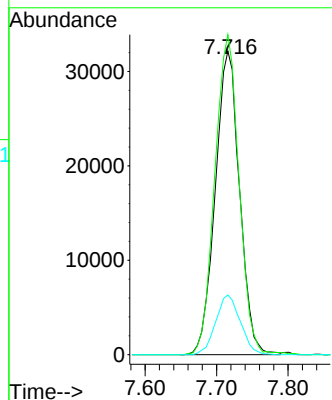
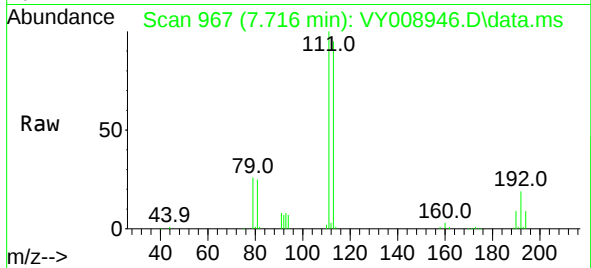




#35
Dibromofluoromethane
Concen: 50.873 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008946.D
Acq: 21 May 2022 13:53

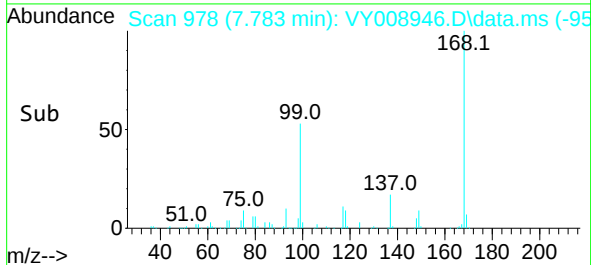
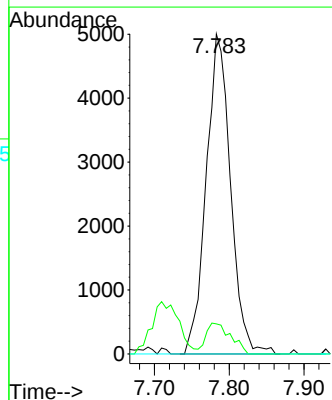
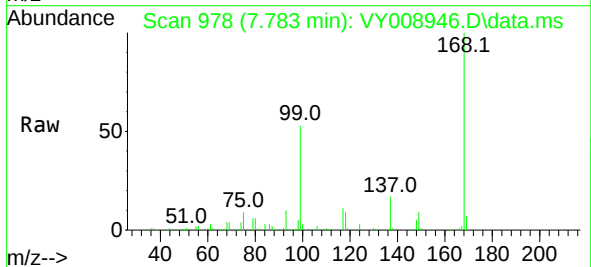
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS002-1218-01

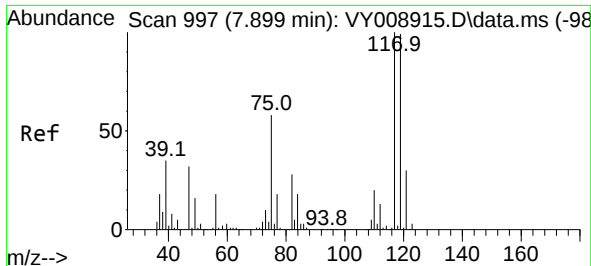
Tgt Ion:113 Resp: 75996
Ion Ratio Lower Upper
113 100
111 105.0 82.6 124.0
192 19.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.457 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY008946.D
Acq: 21 May 2022 13:53

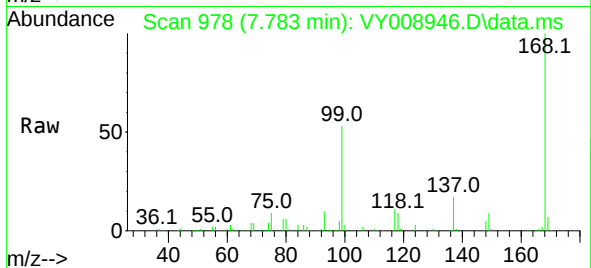
Tgt Ion: 75 Resp: 11330
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#



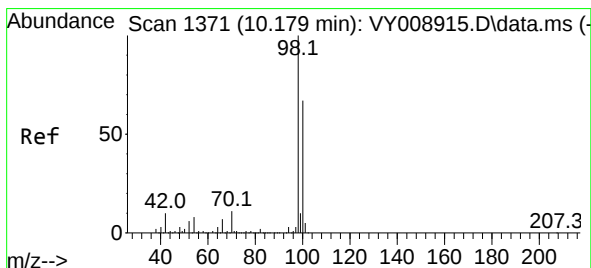
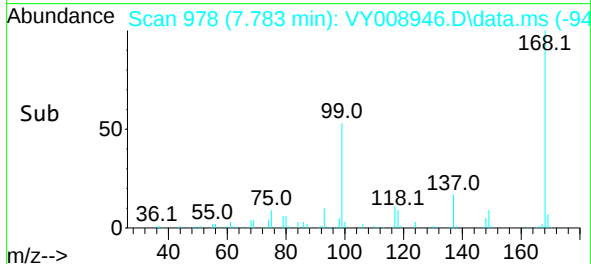
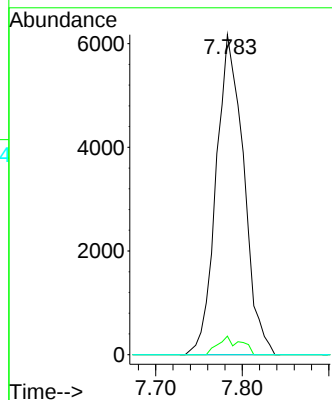


#38
Carbon Tetrachloride
Concen: 5.125 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008946.D
Acq: 21 May 2022 13:53

Instrument :
MSVOA_Y
ClientSampleId :
P013-SS002-1218-01

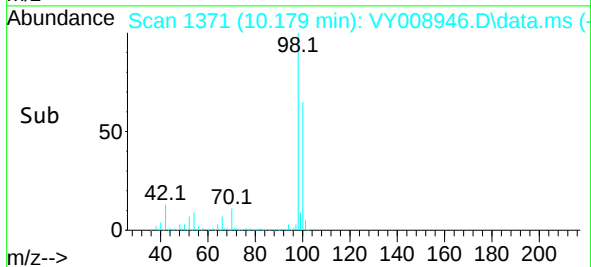
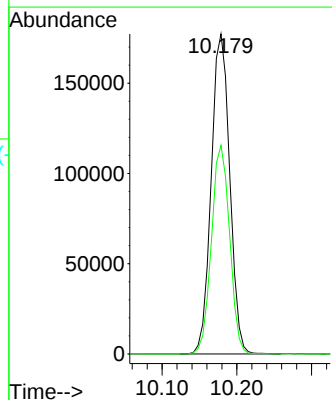
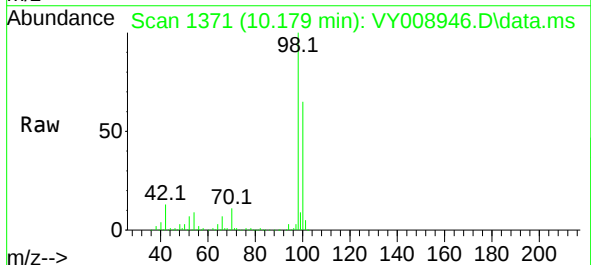


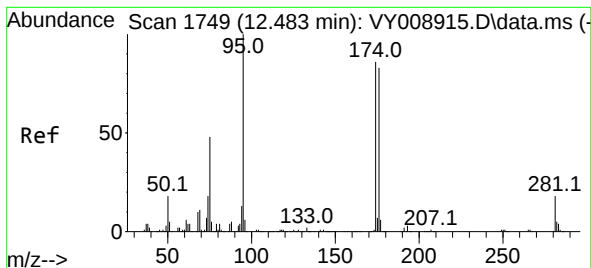
Tgt Ion:117 Resp: 13629
Ion Ratio Lower Upper
117 100
119 5.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.283 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008946.D
Acq: 21 May 2022 13:53

Tgt Ion: 98 Resp: 304663
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2

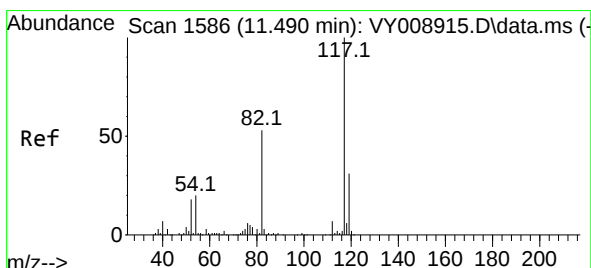
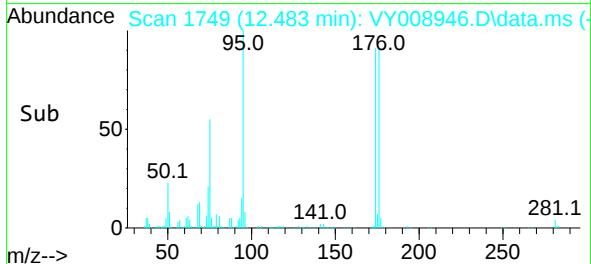
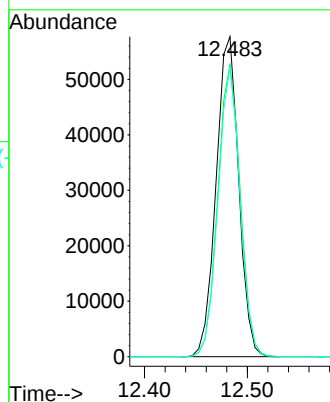
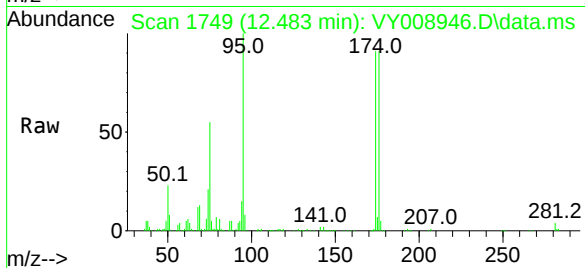




#62
4-Bromofluorobenzene
Concen: 39.593 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008946.D
Acq: 21 May 2022 13:53

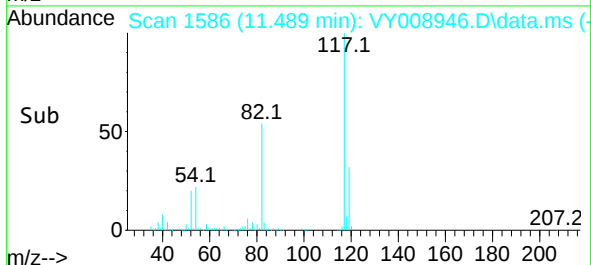
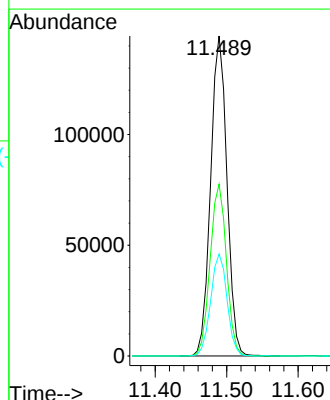
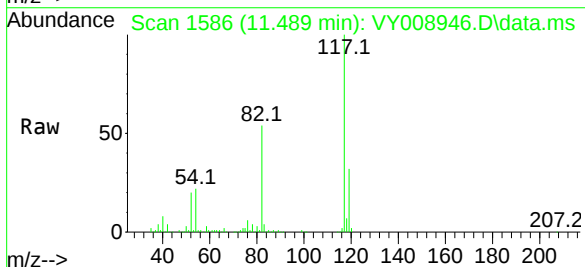
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS002-1218-01

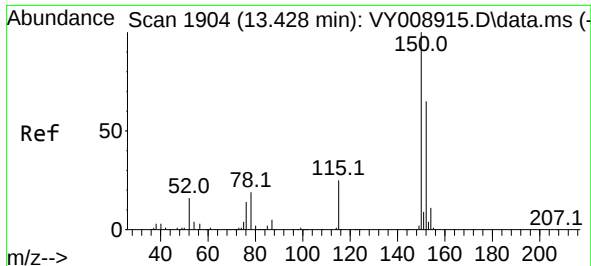
Tgt Ion: 95 Resp: 88018
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 88.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008946.D
Acq: 21 May 2022 13:53

Tgt Ion: 117 Resp: 229049
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.8 25.4 38.0

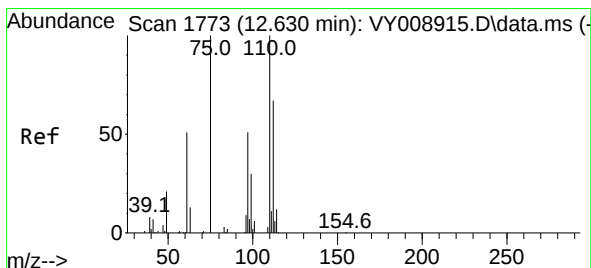
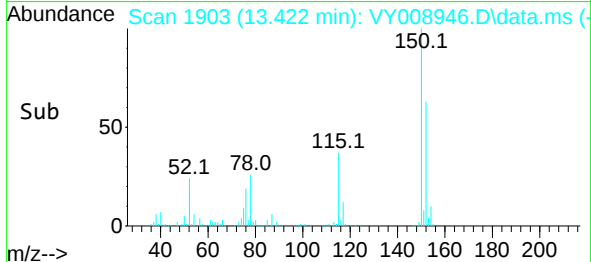
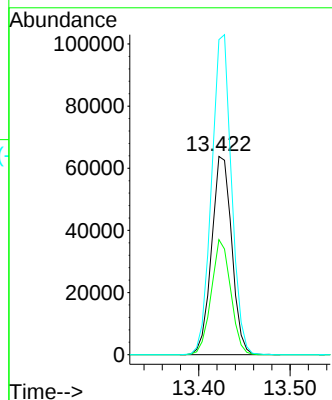
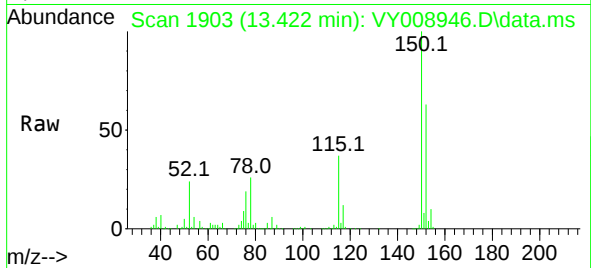




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY008946.D
Acq: 21 May 2022 13:53

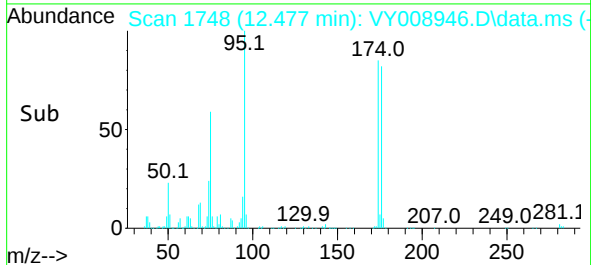
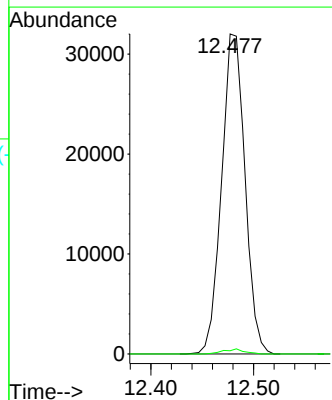
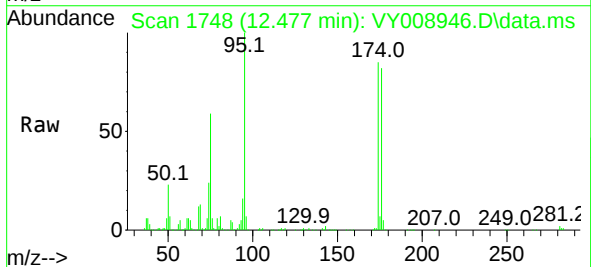
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS002-1218-01

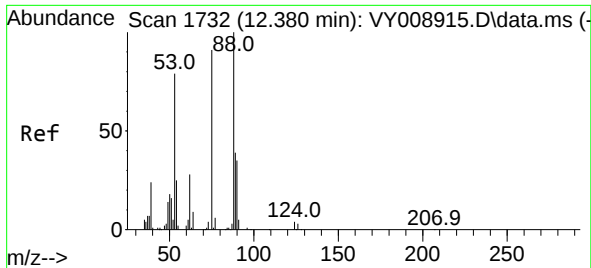
Tgt Ion:152 Resp: 97697
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 159.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 48.273 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY008946.D
Acq: 21 May 2022 13:53

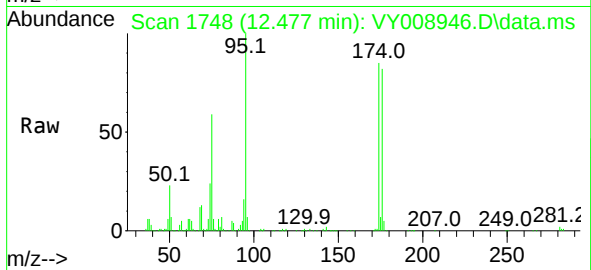
Tgt Ion: 75 Resp: 50646
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.081 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY008946.D
 Acq: 21 May 2022 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS002-1218-01



Tgt Ion: 75 Resp: 50646
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.2 37.0 55.4#

