

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008956.D
 Acq On : 21 May 2022 17:47
 Operator : KP/MD
 Sample : N2919-21
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-2430-01

Quant Time: May 21 21:31:29 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)

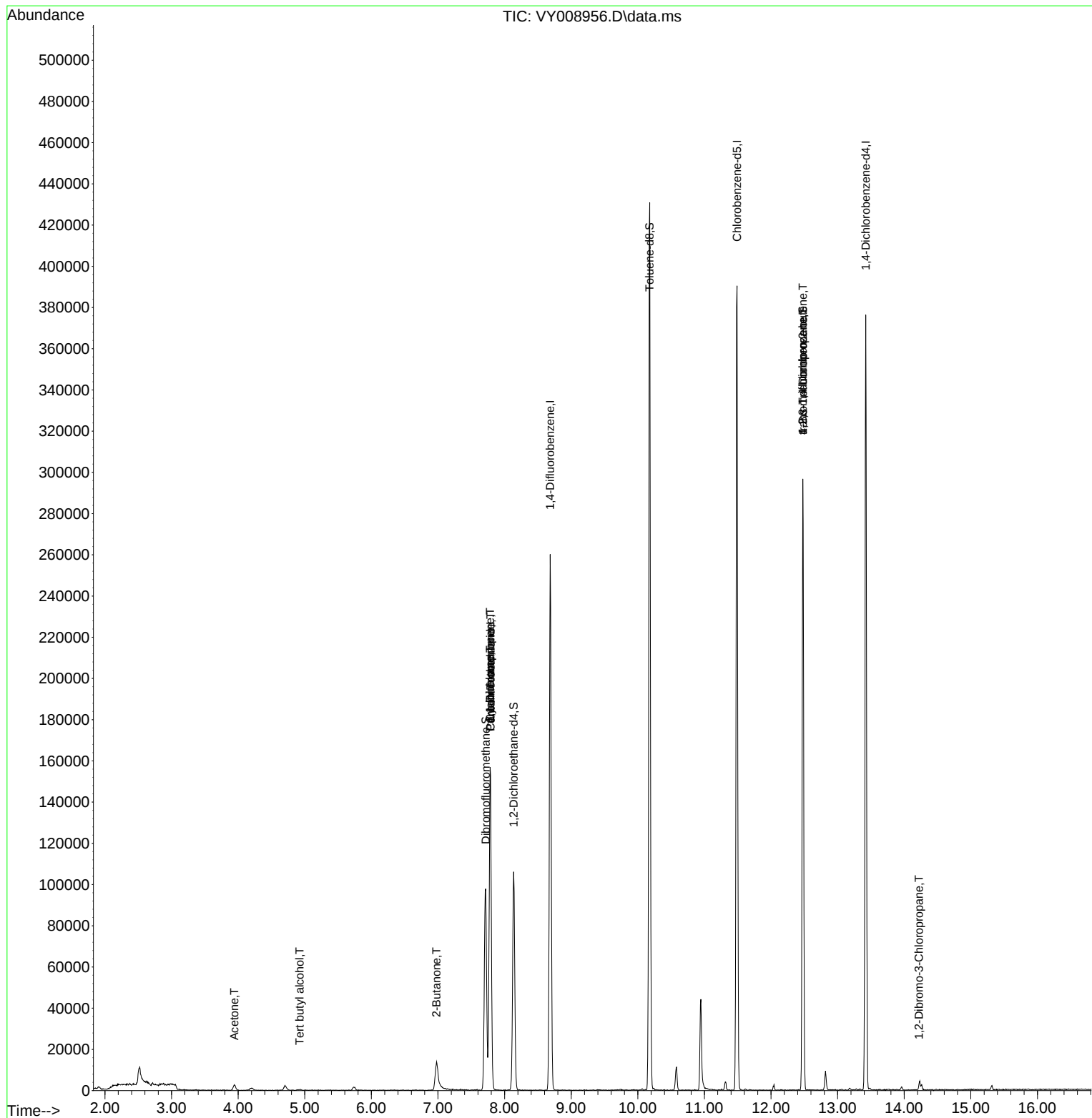
Internal Standards						
1) Pentafluorobenzene	7.789	168	118476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	215534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	204551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77197	63.311	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.620%	
35) Dibromofluoromethane	7.716	113	68219	50.899	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.800%	
50) Toluene-d8	10.179	98	266855	53.970	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.940%	
62) 4-Bromofluorobenzene	12.477	95	77896	39.054	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	471	3.808	ug/l #	77
16) Acetone	3.942	43	4602	18.131	ug/l	100
20) Methylene Chloride	4.704	84	1655	Below Cal	#	82
25) 2-Butanone	6.978	43	1030	2.272	ug/l	94
31) Cyclohexane	7.783	56	3099	1.299	ug/l #	8
36) 1,1-Dichloropropene	7.783	75	10910	4.783	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12051	5.051	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	45128	45.877	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	45128	94.162	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.221	75	452	2.063	ug/l #	6

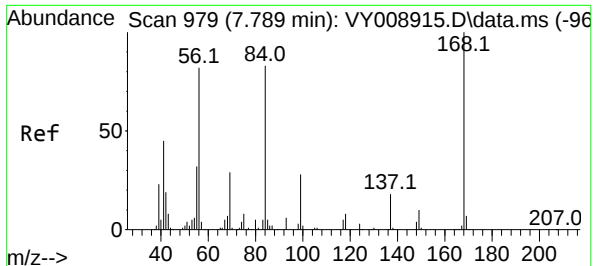
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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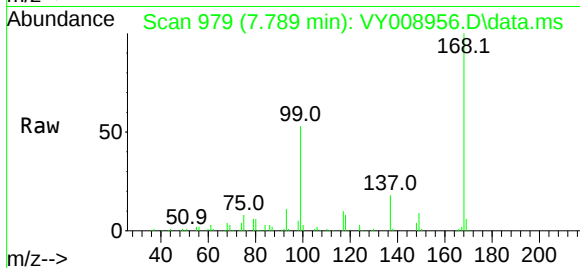
Quant Time: May 21 21:31:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
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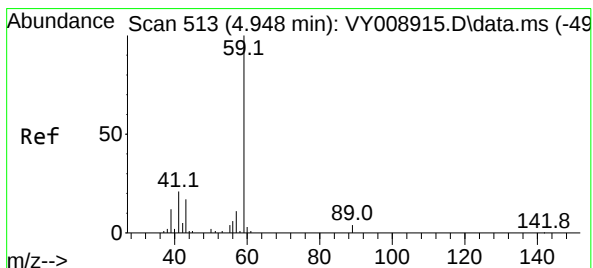
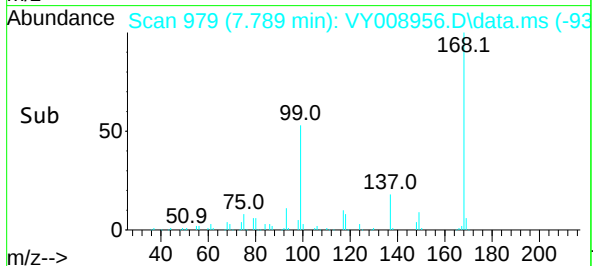
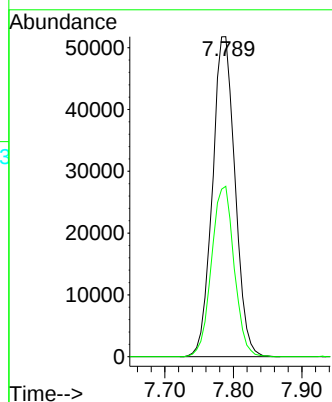


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008956.D
Acq: 21 May 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-2430-01

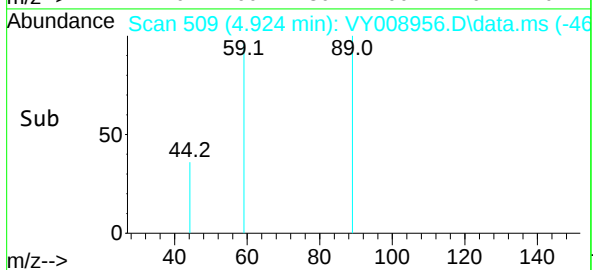
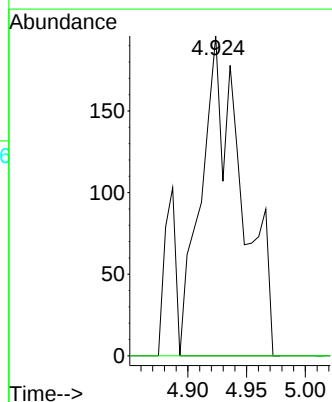
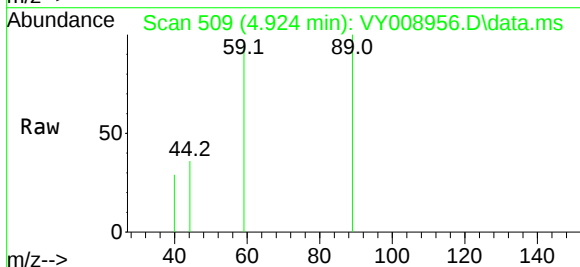


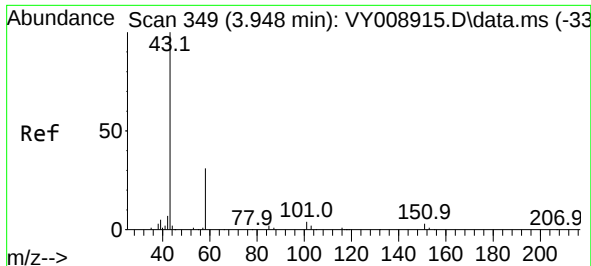
Tgt Ion:168 Resp: 118476
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.808 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY008956.D
Acq: 21 May 2022 17:47

Tgt Ion: 59 Resp: 471
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

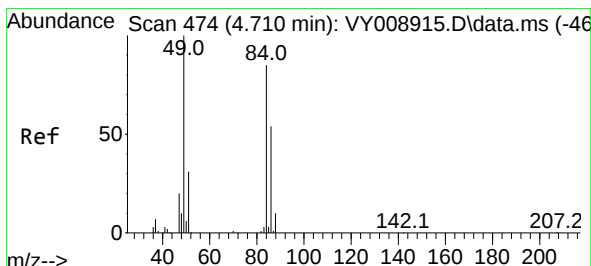
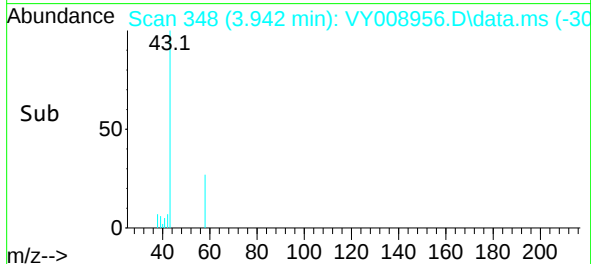
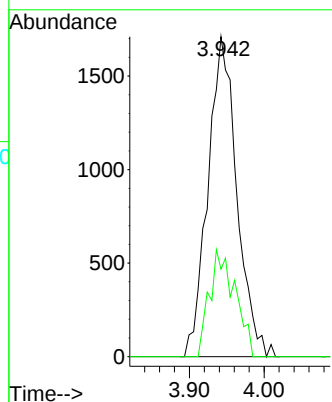
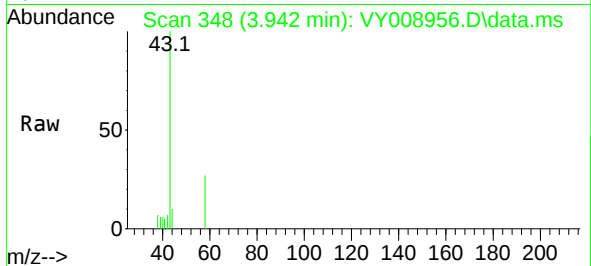




#16
Acetone
Concen: 18.131 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY008956.D
Acq: 21 May 2022 17:47

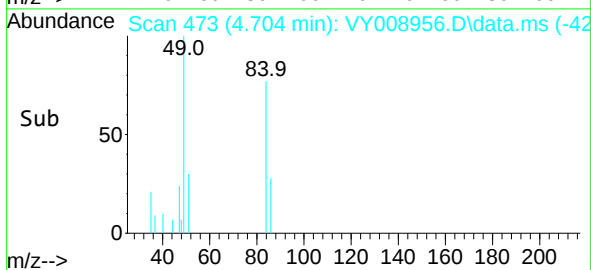
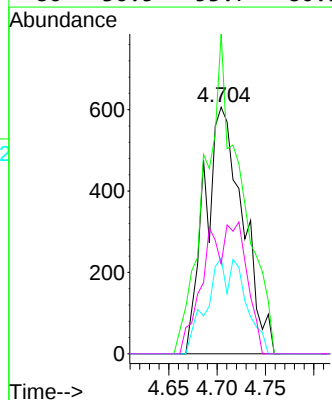
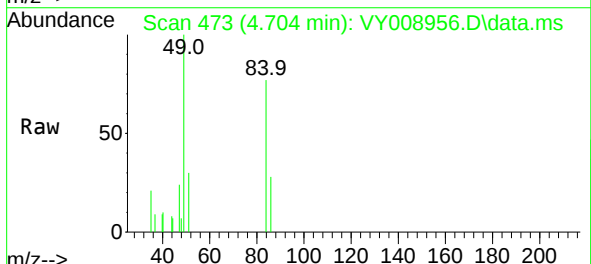
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-2430-01

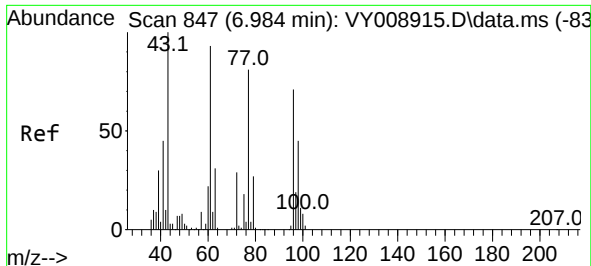
Tgt Ion: 43 Resp: 4602
Ion Ratio Lower Upper
43 100
58 27.4 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY008956.D
Acq: 21 May 2022 17:47

Tgt Ion: 84 Resp: 1655
Ion Ratio Lower Upper
84 100
49 129.7 114.4 171.6
51 38.8 35.3 52.9
86 36.5 53.7 80.5#

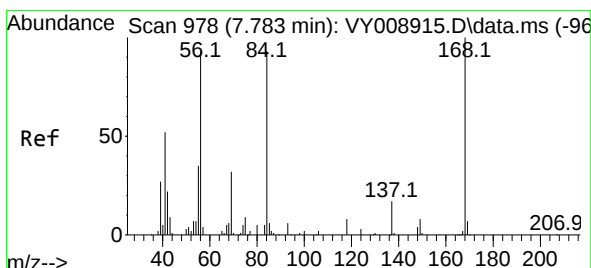
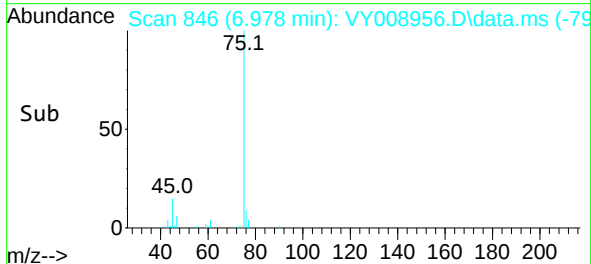
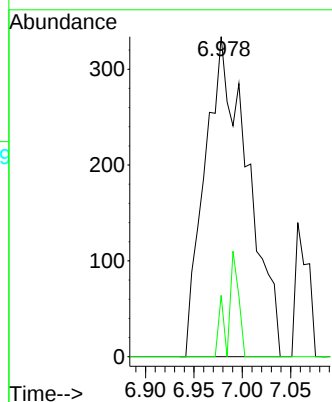
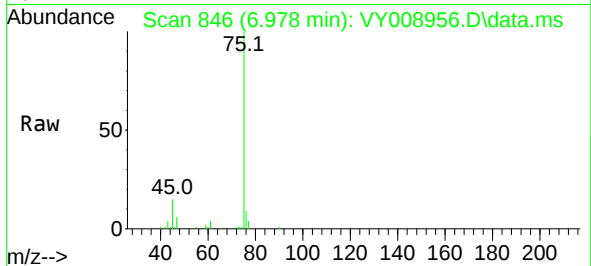




#25
2-Butanone
Concen: 2.272 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY008956.D
Acq: 21 May 2022 17:47

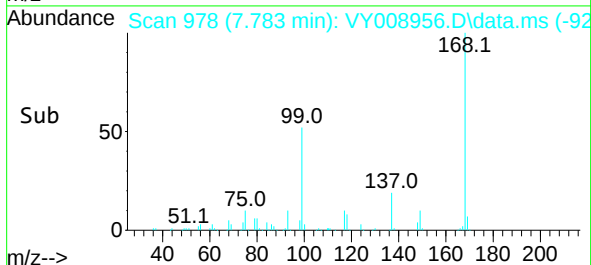
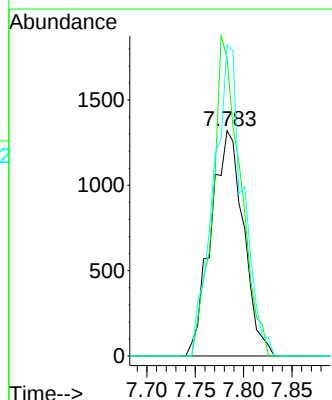
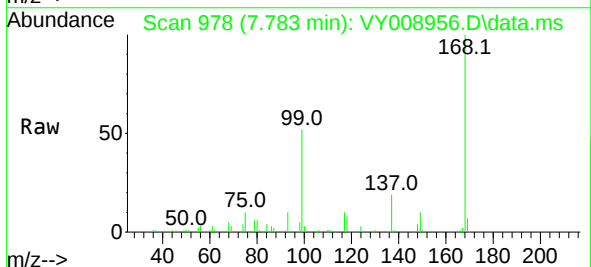
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-2430-01

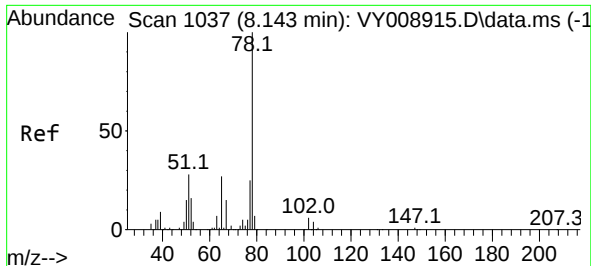
Tgt Ion: 43 Resp: 1030
Ion Ratio Lower Upper
43 100
72 19.2 17.7 26.5



#31
Cyclohexane
Concen: 1.299 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008956.D
Acq: 21 May 2022 17:47

Tgt Ion: 56 Resp: 3099
Ion Ratio Lower Upper
56 100
69 132.3 26.7 40.1#
84 138.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 63.311 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY008956.D

Acq: 21 May 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

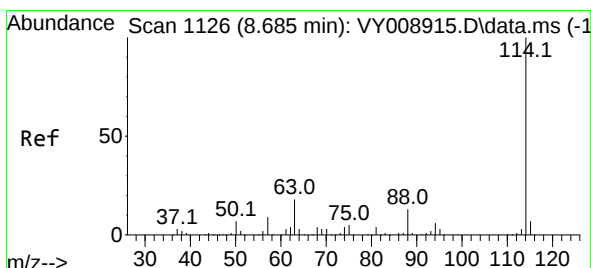
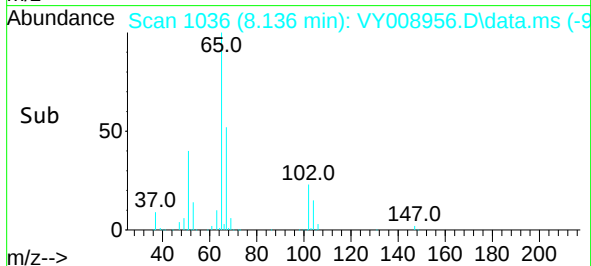
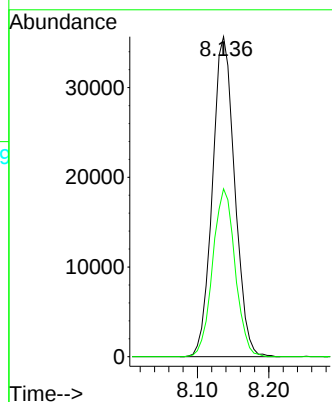
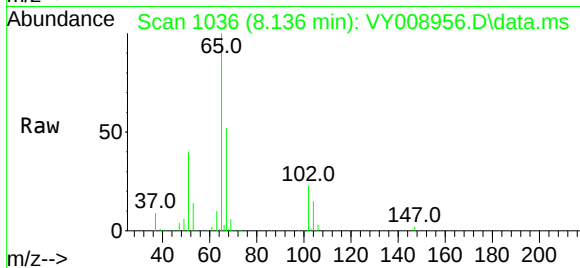
P015-SS002-2430-01

Tgt Ion: 65 Resp: 77197

Ion Ratio Lower Upper

65 100

67 52.8 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: VY008956.D

Acq: 21 May 2022 17:47

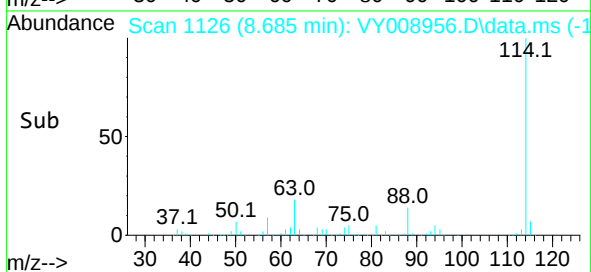
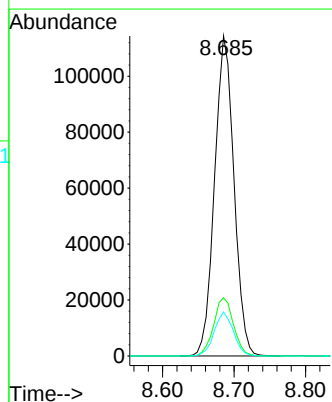
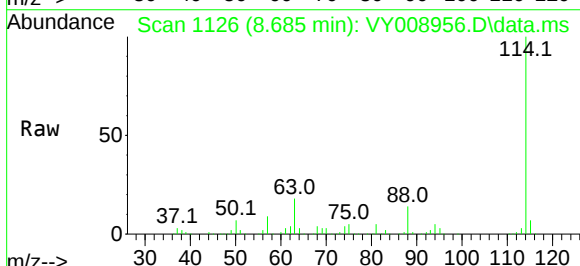
Tgt Ion: 114 Resp: 215534

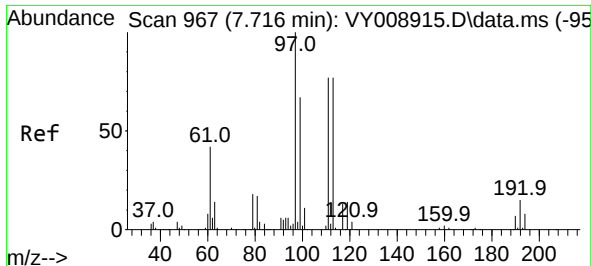
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 13.7 0.0 31.8

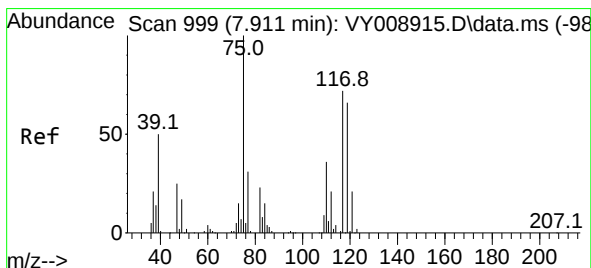
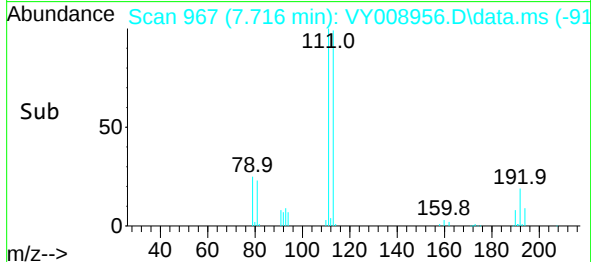
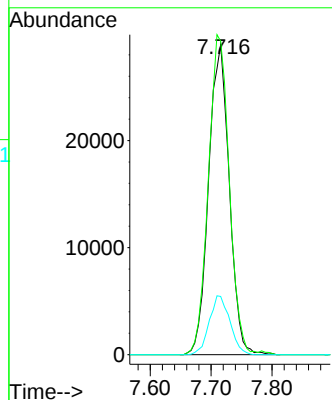
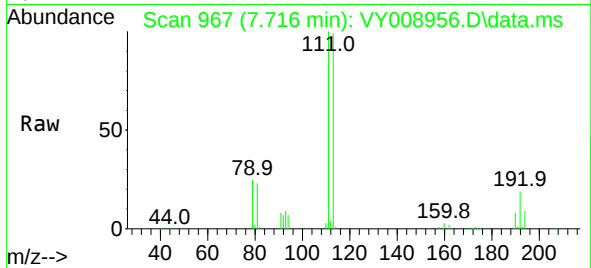




#35
Dibromofluoromethane
Concen: 50.899 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008956.D
Acq: 21 May 2022 17:47

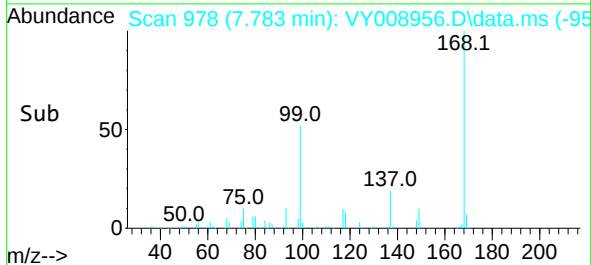
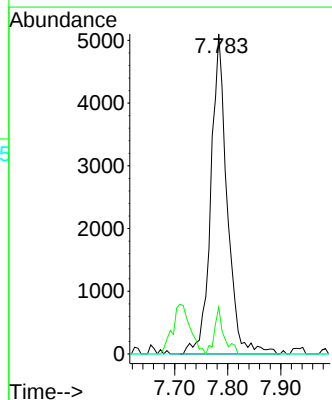
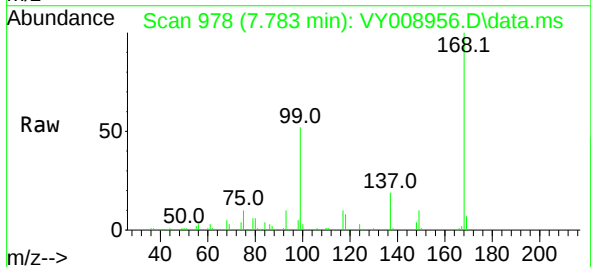
Instrument :
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ClientSampleId :
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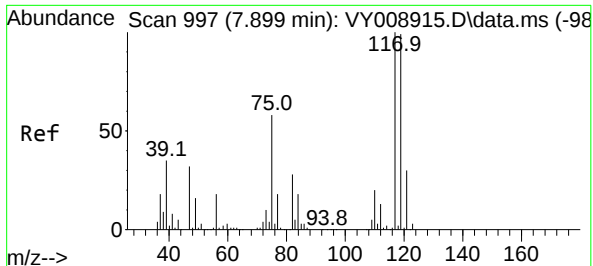
Tgt Ion:113 Resp: 68219
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 19.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.783 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY008956.D
Acq: 21 May 2022 17:47

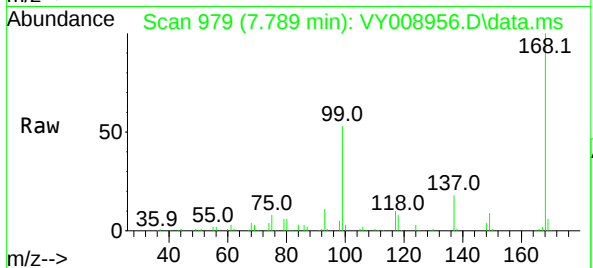
Tgt Ion: 75 Resp: 10910
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#



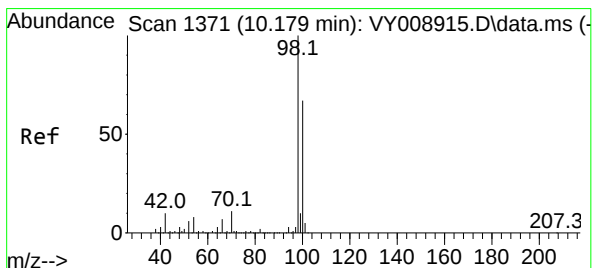
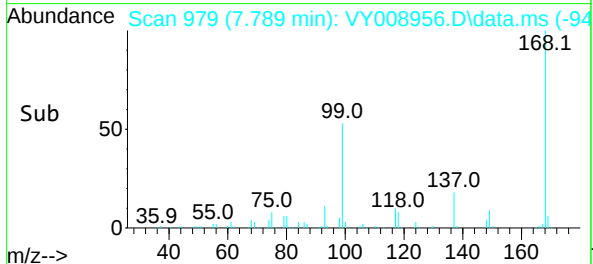
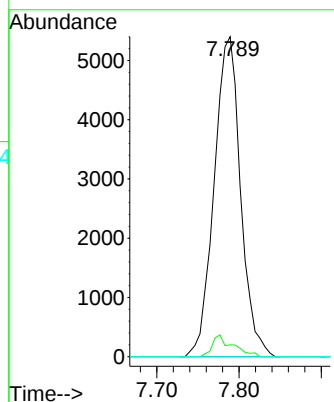


#38
Carbon Tetrachloride
Concen: 5.051 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008956.D
Acq: 21 May 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-2430-01

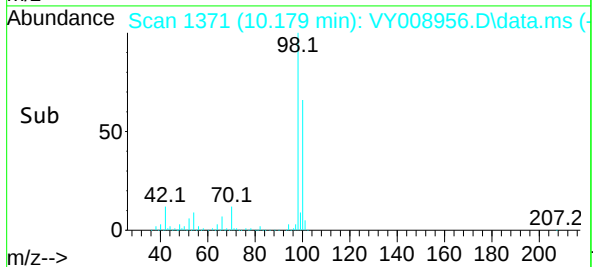
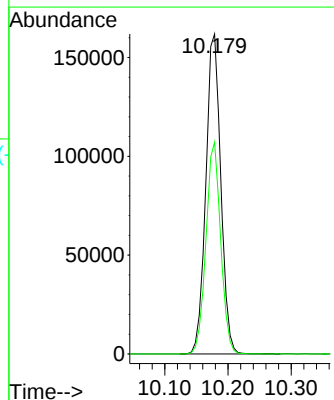
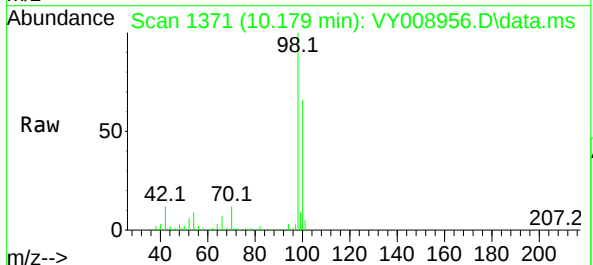


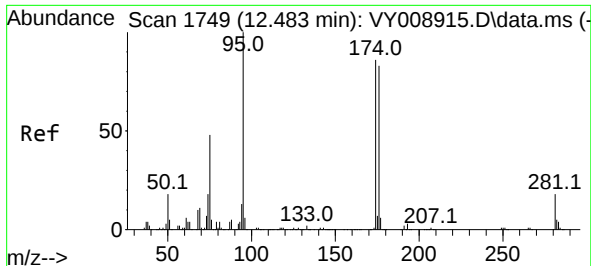
Tgt Ion:117 Resp: 12051
Ion Ratio Lower Upper
117 100
119 3.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.970 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008956.D
Acq: 21 May 2022 17:47

Tgt Ion: 98 Resp: 266855
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

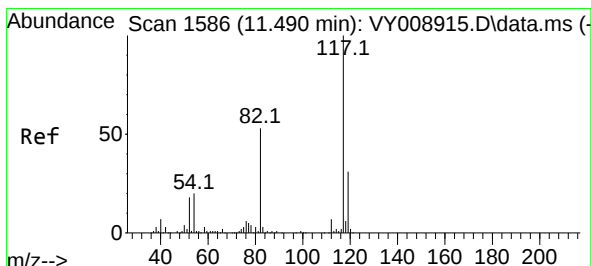
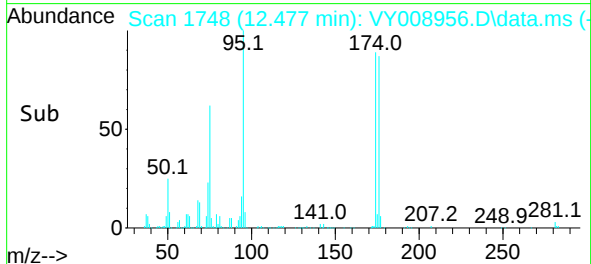
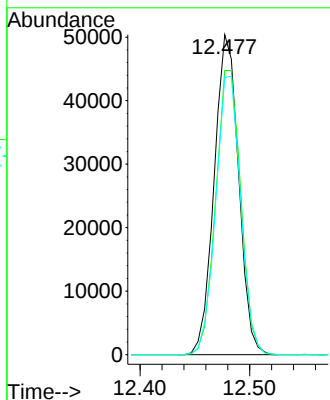
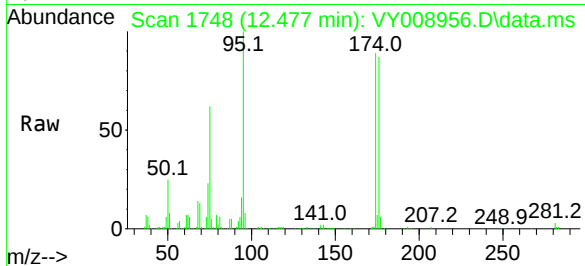




#62
4-Bromofluorobenzene
Concen: 39.054 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008956.D
Acq: 21 May 2022 17:47

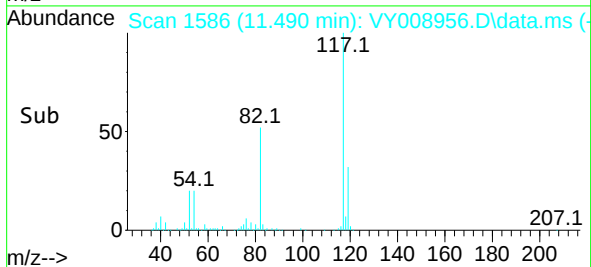
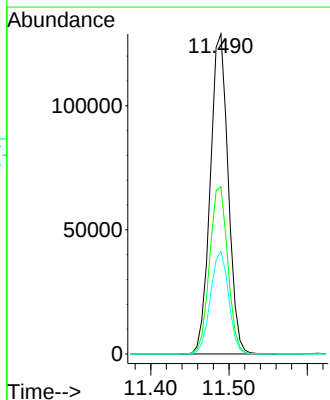
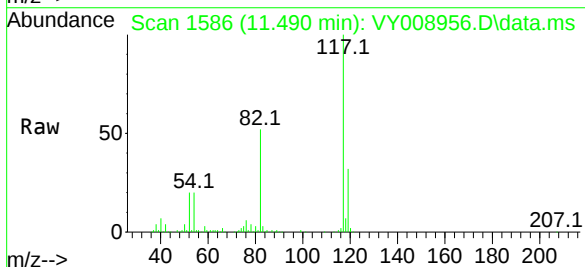
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-2430-01

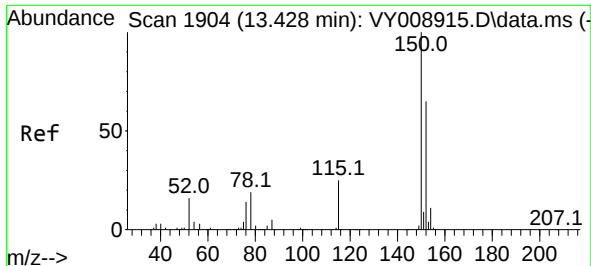
Tgt Ion: 95 Resp: 77896
Ion Ratio Lower Upper
95 100
174 91.4 0.0 177.0
176 88.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008956.D
Acq: 21 May 2022 17:47

Tgt Ion: 117 Resp: 204551
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.1 25.4 38.0

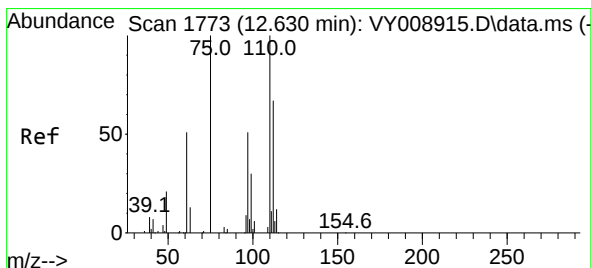
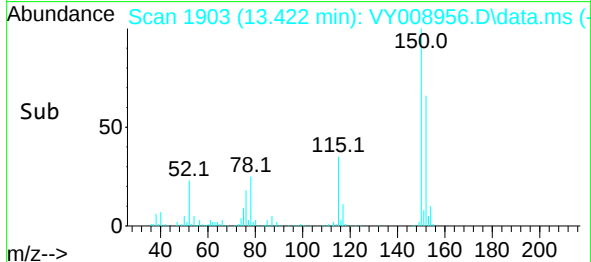
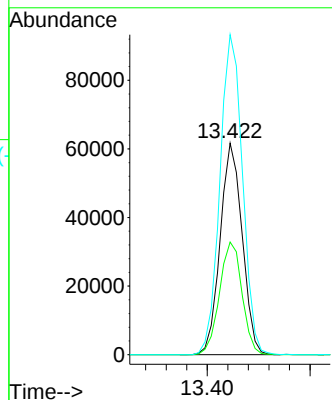
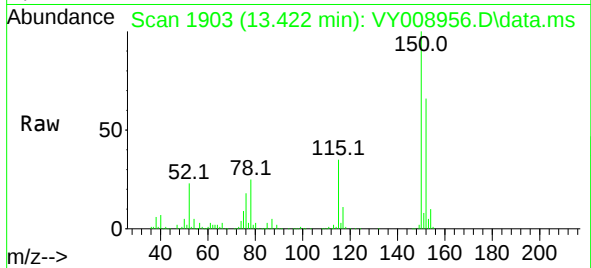




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY008956.D
 Acq: 21 May 2022 17:47

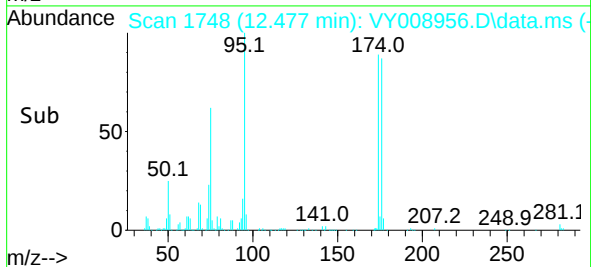
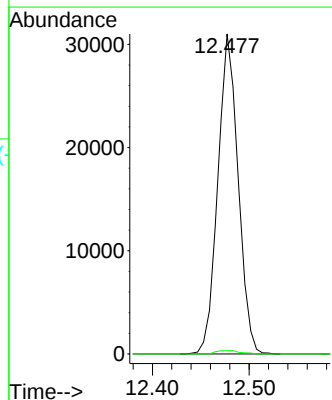
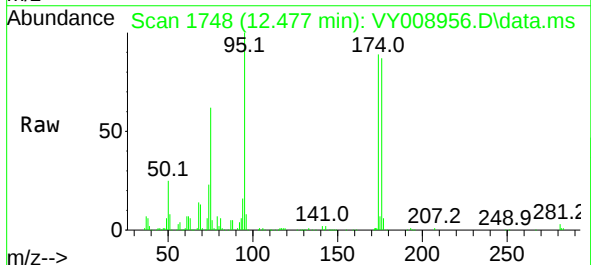
Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-2430-01

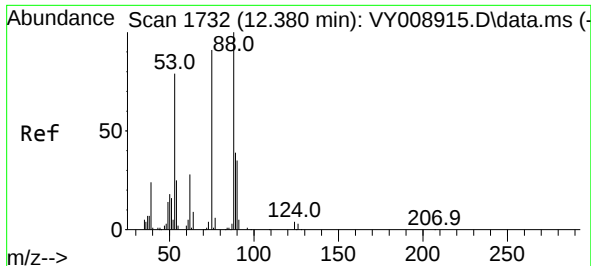
Tgt Ion:152 Resp: 91601
 Ion Ratio Lower Upper
 152 100
 115 54.4 28.2 84.7
 150 155.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.877 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY008956.D
 Acq: 21 May 2022 17:47

Tgt Ion: 75 Resp: 45128
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

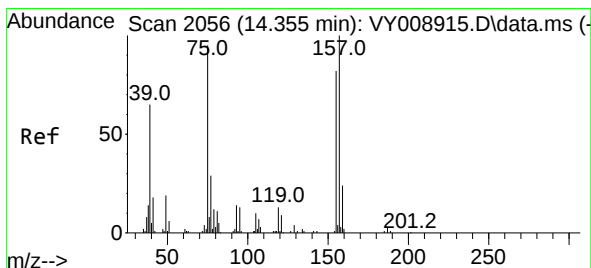
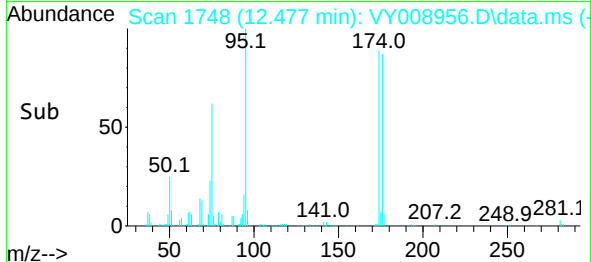
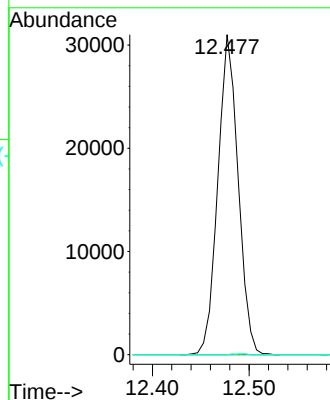
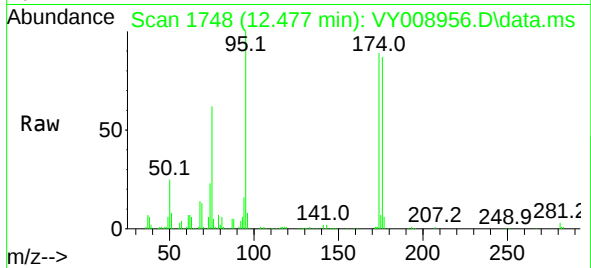




#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.162 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY008956.D
 Acq: 21 May 2022 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-2430-01

Tgt Ion: 75 Resp: 45128
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.063 ug/l
 RT: 14.221 min Scan# 2034
 Delta R.T. -0.134 min
 Lab File: VY008956.D
 Acq: 21 May 2022 17:47

Tgt Ion: 75 Resp: 452
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.0 113.9#
 157 0.0 47.8 143.3#

