

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010523\
 Data File : VY012079.D
 Acq On : 05 Jan 2023 16:51
 Operator : KP/MD
 Sample : 01030-01
 Misc : 5.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Quant Time: Jan 05 23:20:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

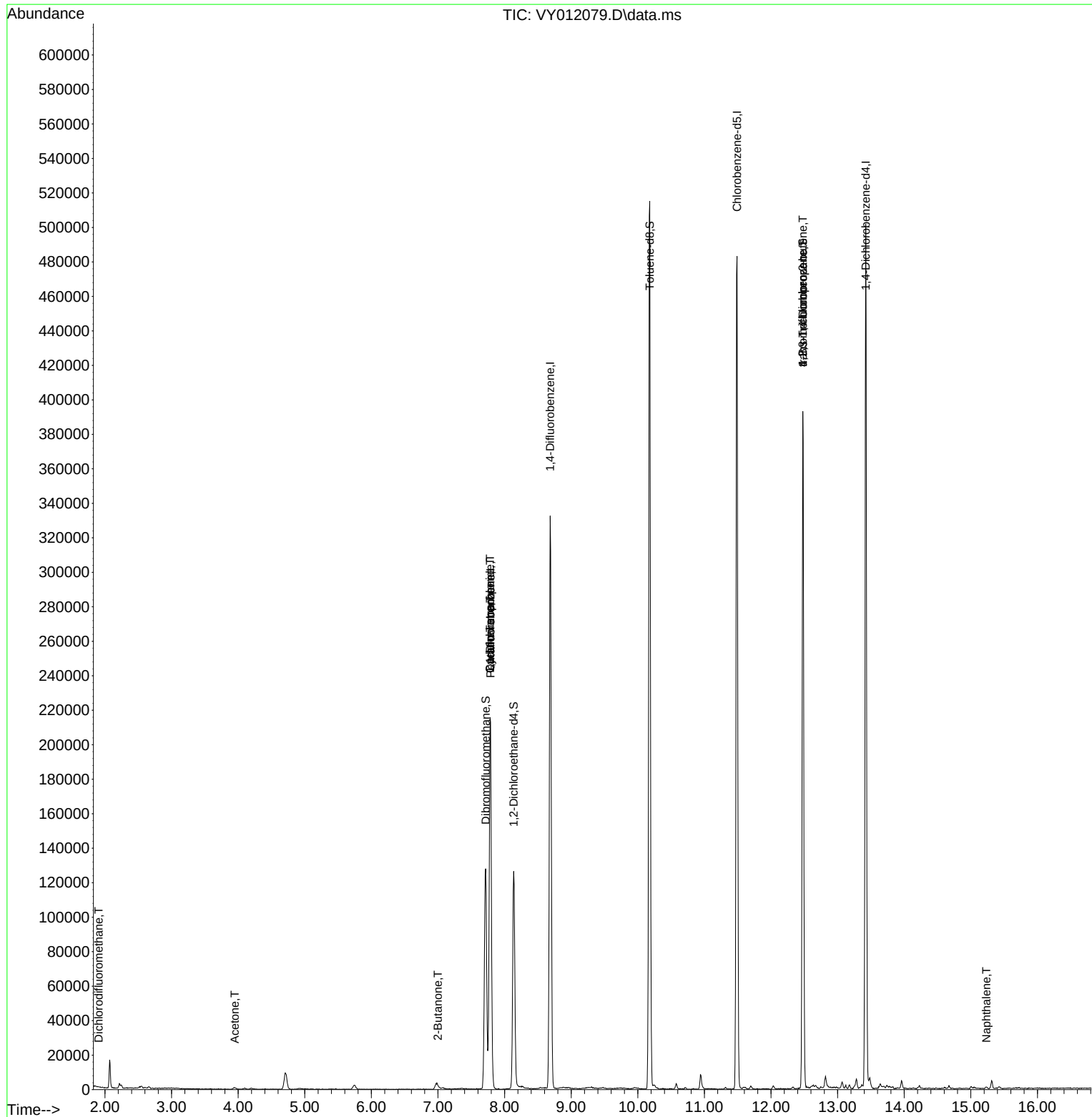
Internal Standards						
1) Pentafluorobenzene	7.789	168	169631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	293941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	104449	61.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.240%	
35) Dibromofluoromethane	7.716	113	91332	51.611	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.220%	
50) Toluene-d8	10.179	98	353224	49.198	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.400%	
62) 4-Bromofluorobenzene	12.477	95	118609	49.120	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	58	2.508	ug/l #	41
11) Tert butyl alcohol	4.911	59	313	Below Cal	#	74
16) Acetone	3.948	43	1746	8.230	ug/l	89
20) Methylene Chloride	4.710	84	7929	Below Cal	#	88
25) 2-Butanone	6.996	43	1081	1.899	ug/l	92
31) Cyclohexane	7.783	56	3238	1.125	ug/l #	10
36) 1,1-Dichloropropene	7.783	75	11930	4.203	ug/l #	50
38) Carbon Tetrachloride	7.783	117	16936	5.166	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	61990	37.872	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	61990	103.714	ug/l #	13
95) Naphthalene	15.233	128	1128	2.998	ug/l #	92

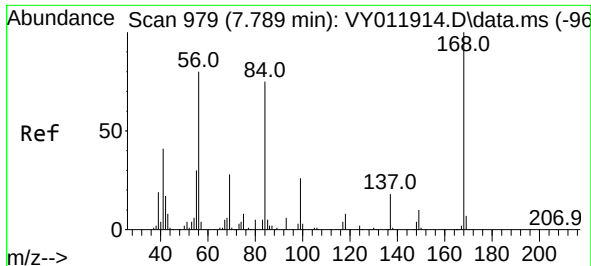
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010523\
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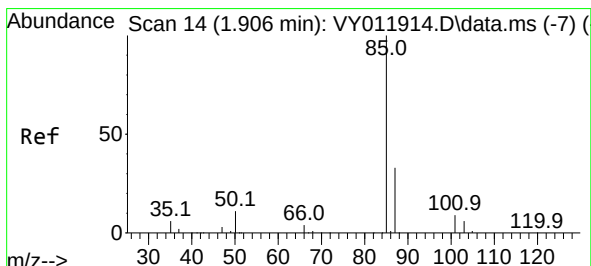
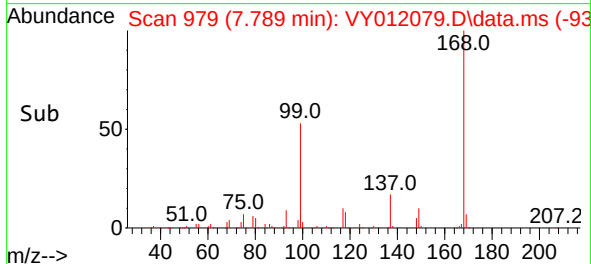
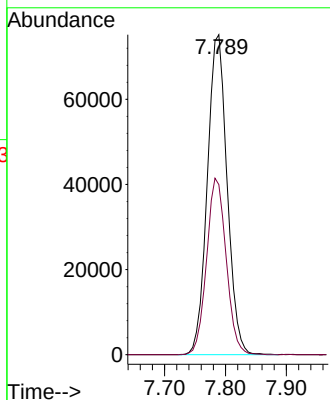
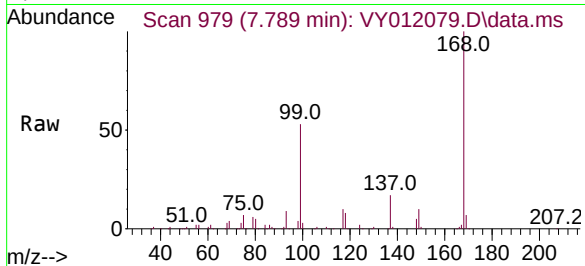




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012079.D
Acq: 05 Jan 2023 16:51

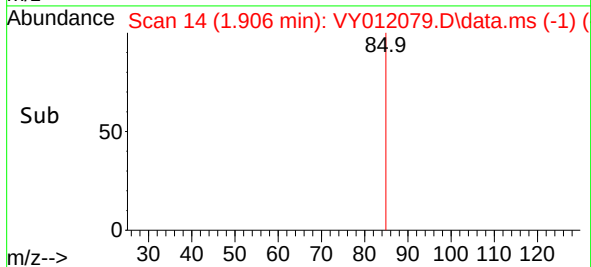
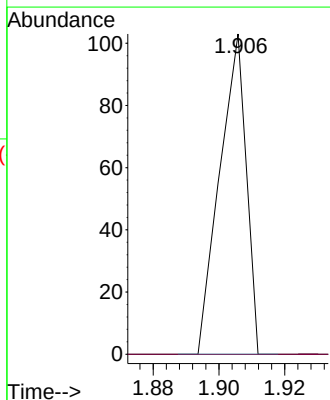
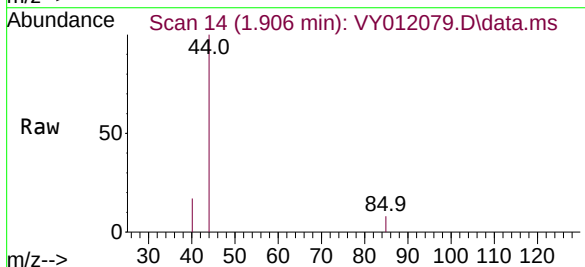
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

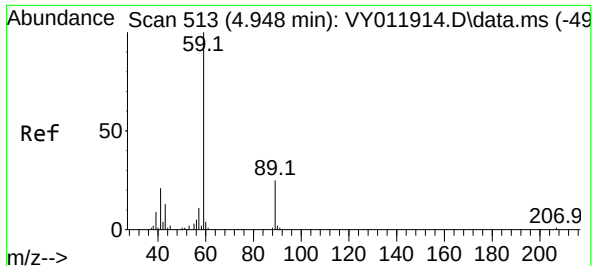
Tgt Ion:168 Resp: 169631
Ion Ratio Lower Upper
168 100
99 53.1 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 2.508 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012079.D
Acq: 05 Jan 2023 16:51

Tgt Ion: 85 Resp: 58
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.911 min Scan# 50

Delta R.T. -0.037 min

Lab File: VY012079.D

Acq: 05 Jan 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

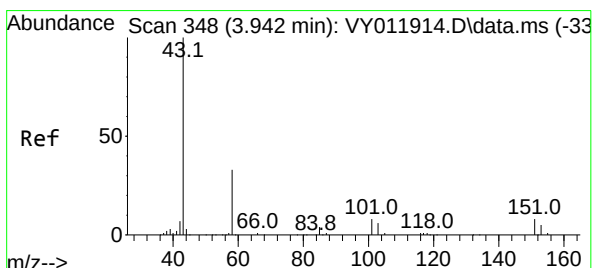
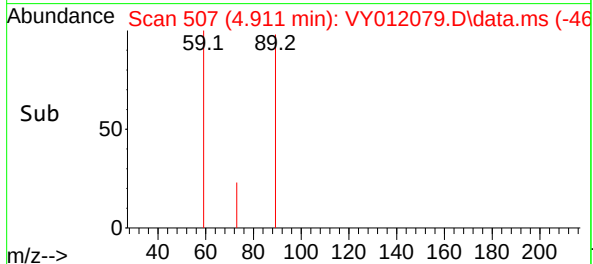
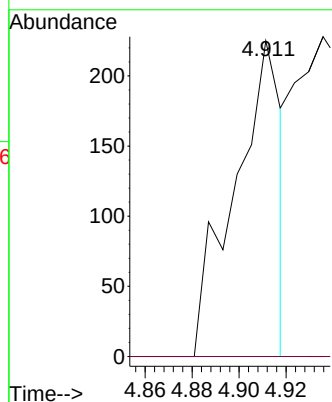
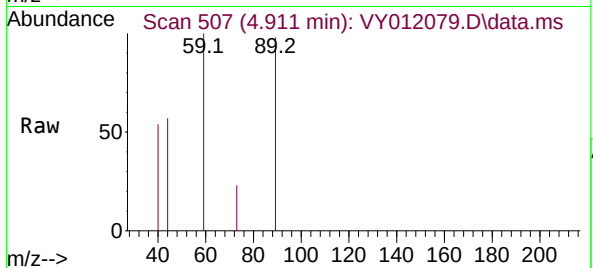
TP-5

Tgt Ion: 59 Resp: 313

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 8.230 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY012079.D

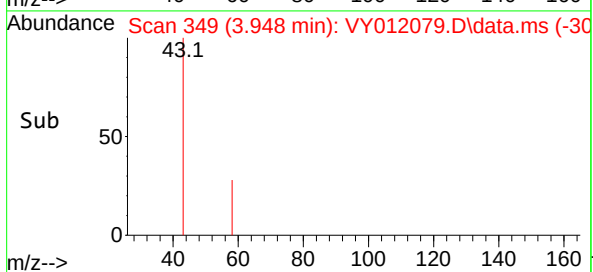
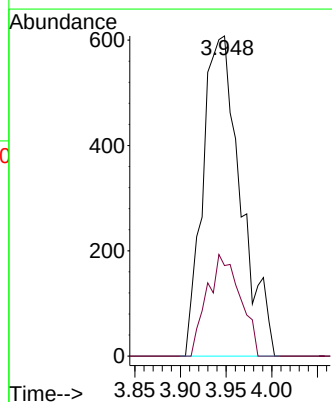
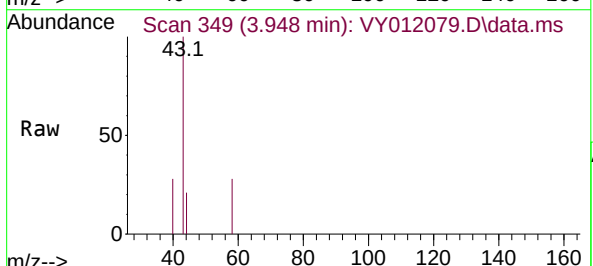
Acq: 05 Jan 2023 16:51

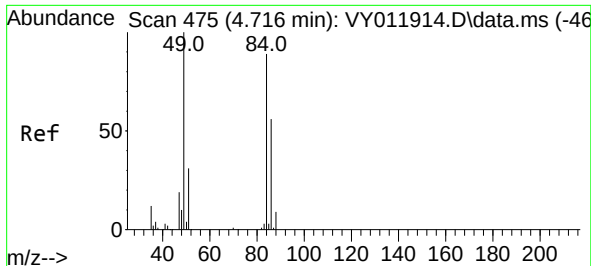
Tgt Ion: 43 Resp: 1746

Ion Ratio Lower Upper

43 100

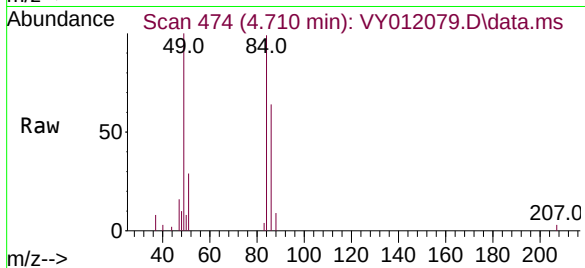
58 28.3 27.9 41.9





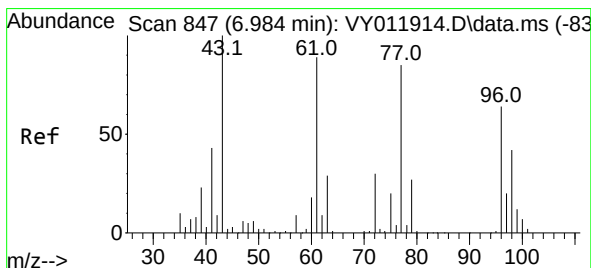
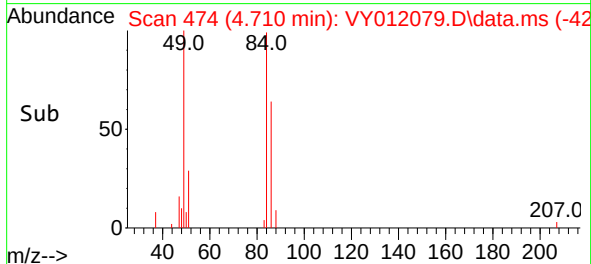
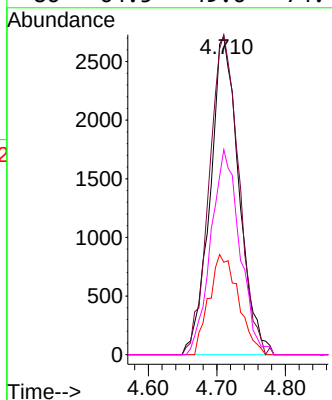
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY012079.D
Acq: 05 Jan 2023 16:51

Instrument :
MSVOA_Y
ClientSampleId :
TP-5



Tgt Ion: 84 Resp: 7929

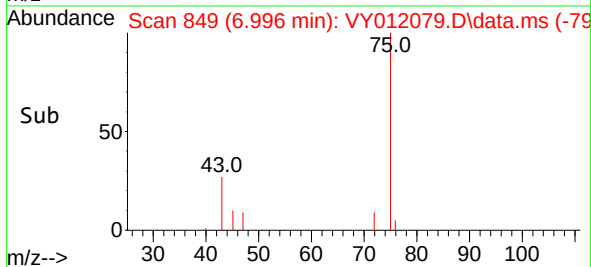
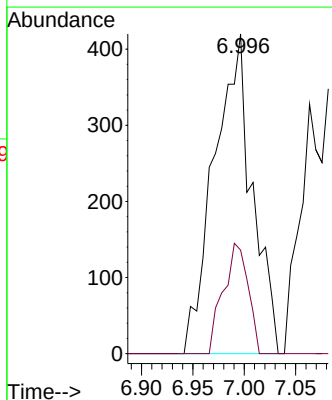
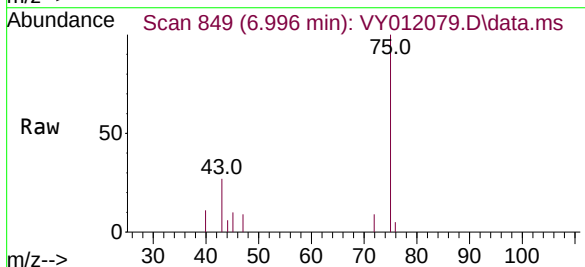
Ion	Ratio	Lower	Upper
84	100		
49	100.7	95.4	143.2
51	29.1	29.9	44.9#
86	64.5	49.6	74.4

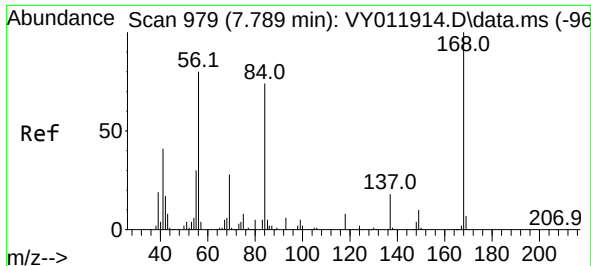


#25
2-Butanone
Concen: 1.899 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY012079.D
Acq: 05 Jan 2023 16:51

Tgt Ion: 43 Resp: 1081

Ion	Ratio	Lower	Upper
43	100		
72	32.4	22.6	34.0

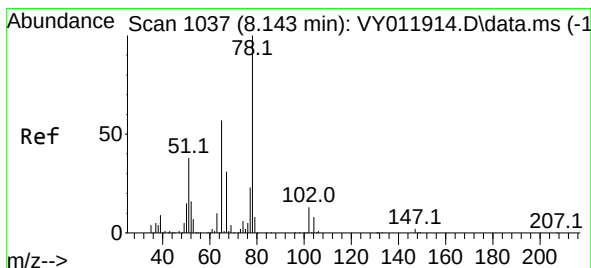
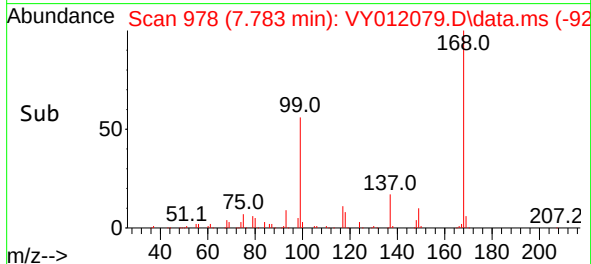
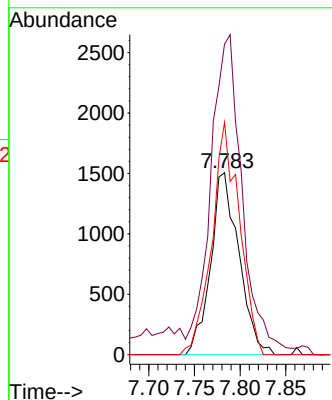
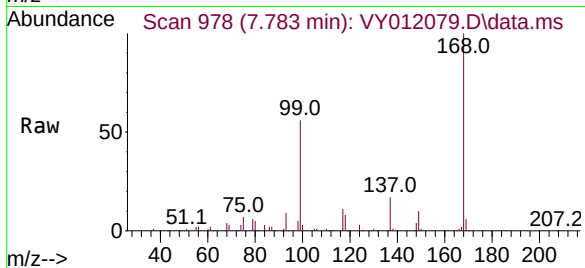




#31
Cyclohexane
Concen: 1.125 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012079.D
Acq: 05 Jan 2023 16:51

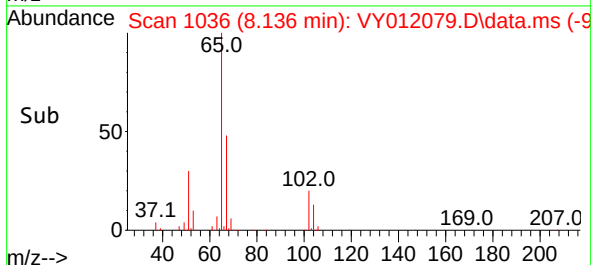
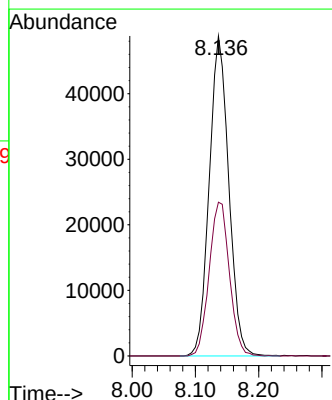
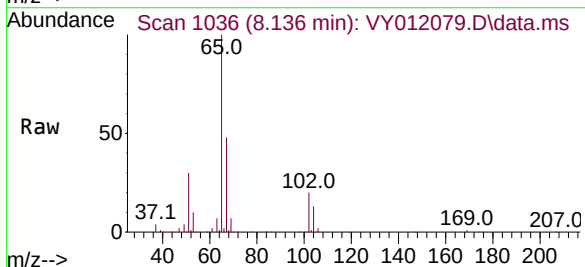
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

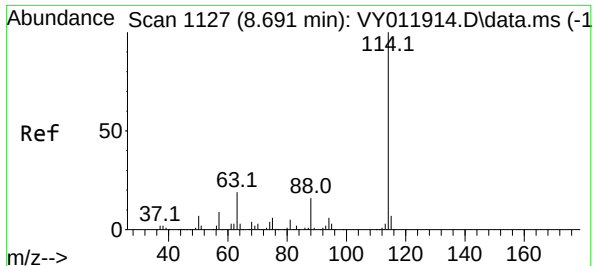
Tgt Ion: 56 Resp: 3238
Ion Ratio Lower Upper
56 100
69 164.6 29.2 43.8#
84 127.6 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 61.117 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012079.D
Acq: 05 Jan 2023 16:51

Tgt Ion: 65 Resp: 104449
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012079.D

Acq: 05 Jan 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

TP-5

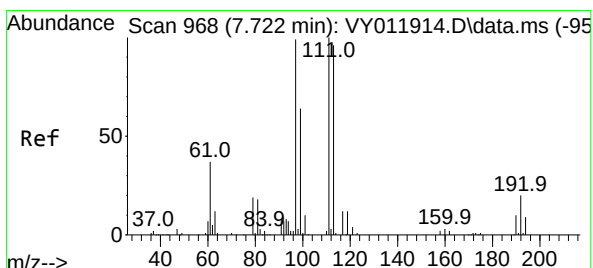
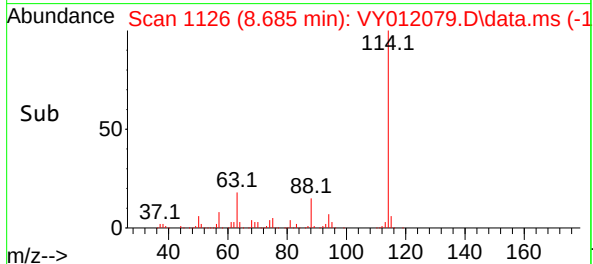
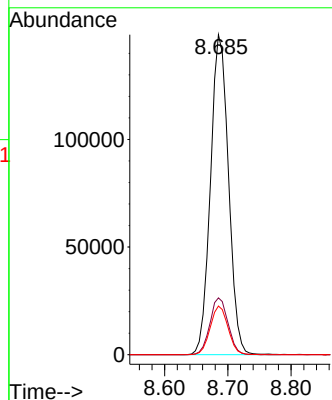
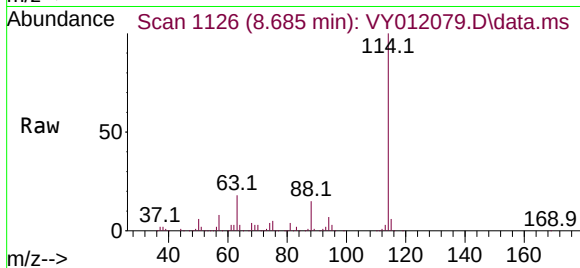
Tgt Ion:114 Resp: 293941

Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 51.611 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012079.D

Acq: 05 Jan 2023 16:51

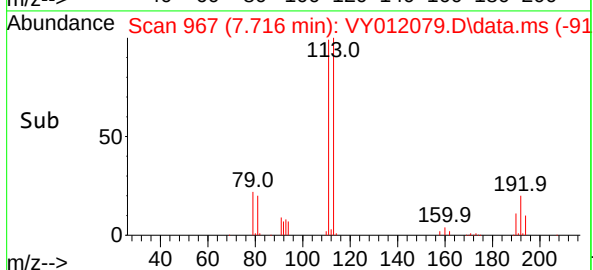
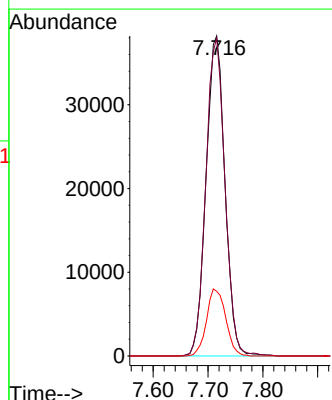
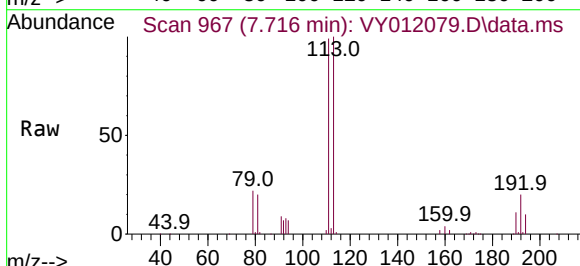
Tgt Ion:113 Resp: 91332

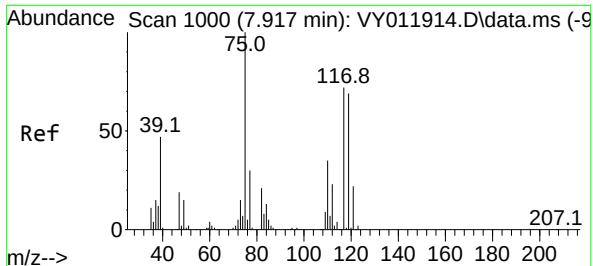
Ion Ratio Lower Upper

113 100

111 100.4 83.0 124.4

192 21.2 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.203 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY012079.D

Acq: 05 Jan 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

TP-5

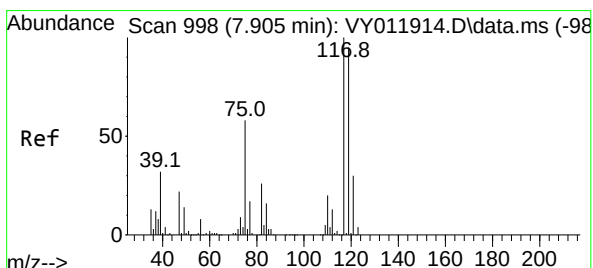
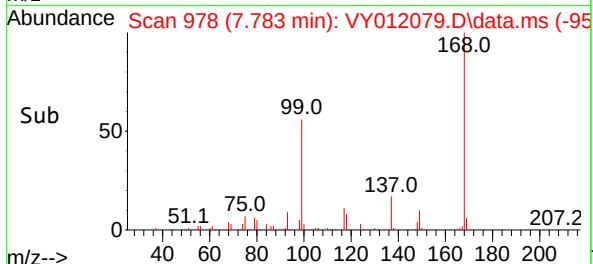
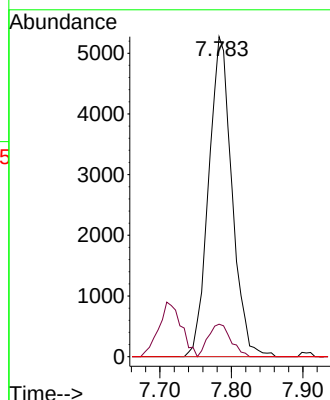
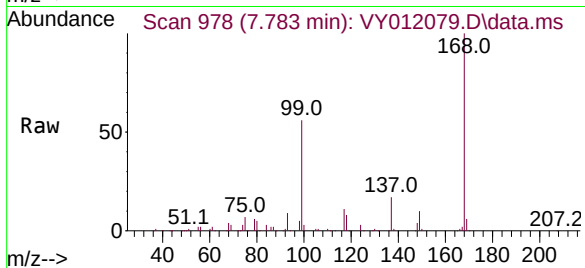
Tgt Ion: 75 Resp: 11930

Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.166 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.122 min

Lab File: VY012079.D

Acq: 05 Jan 2023 16:51

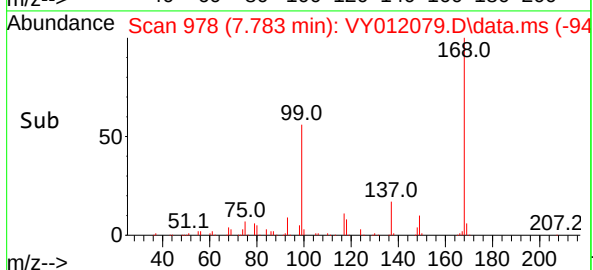
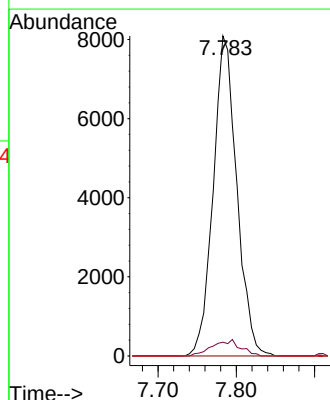
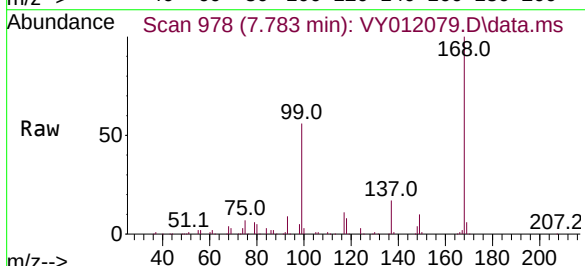
Tgt Ion: 117 Resp: 16936

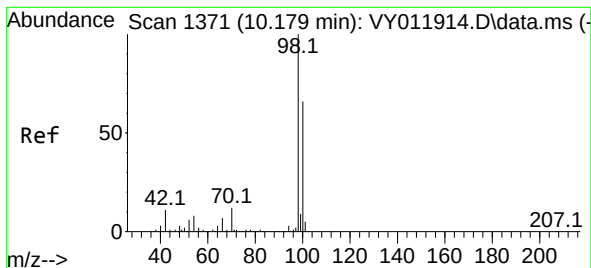
Ion Ratio Lower Upper

117 100

119 4.3 73.8 110.8#

121 0.0 25.2 37.8#

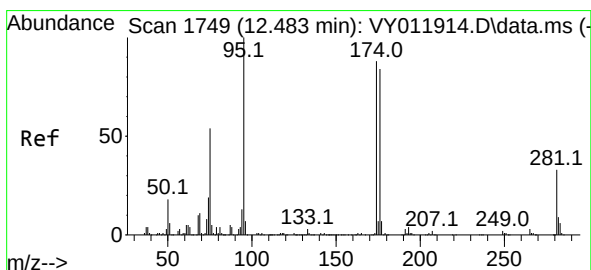
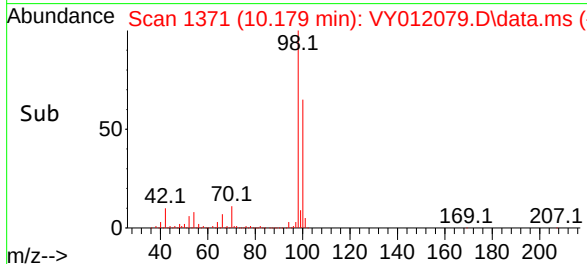
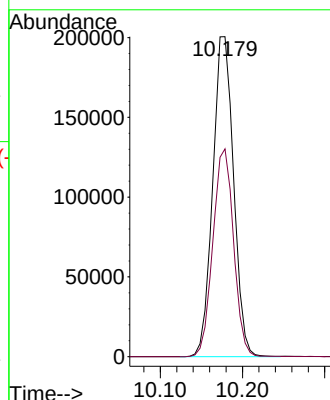
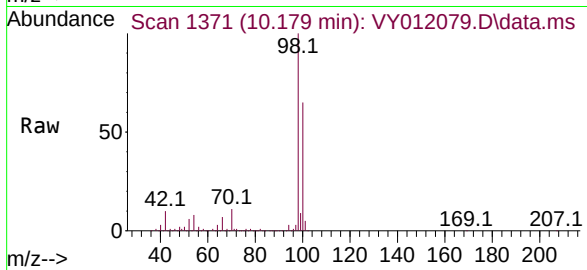




#50
Toluene-d8
Concen: 49.198 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012079.D
Acq: 05 Jan 2023 16:51

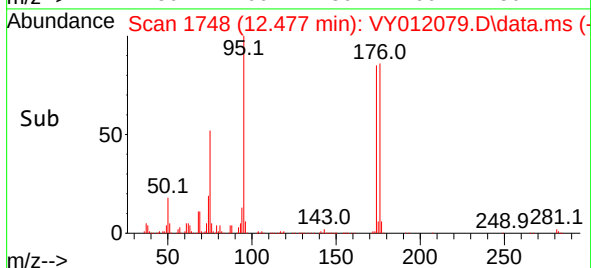
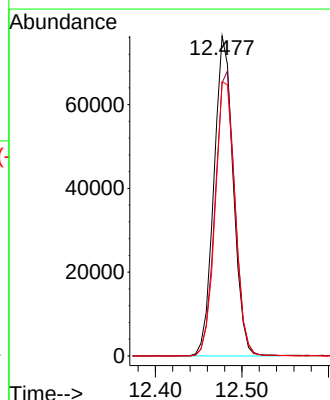
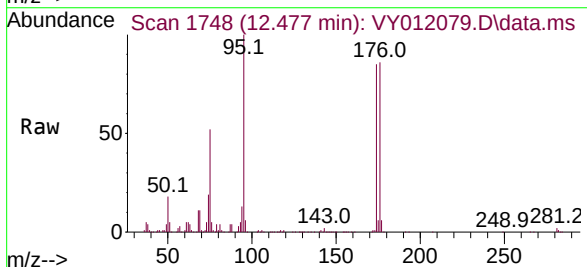
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

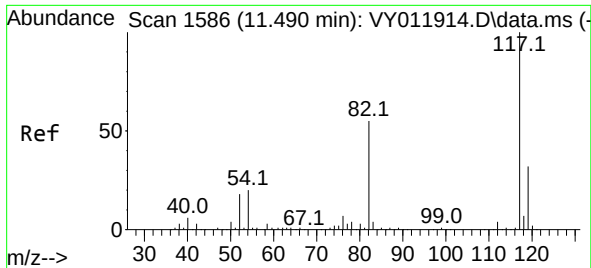
Tgt Ion: 98 Resp: 353224
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.120 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012079.D
Acq: 05 Jan 2023 16:51

Tgt Ion: 95 Resp: 118609
Ion Ratio Lower Upper
95 100
174 90.6 0.0 172.0
176 88.3 0.0 167.6

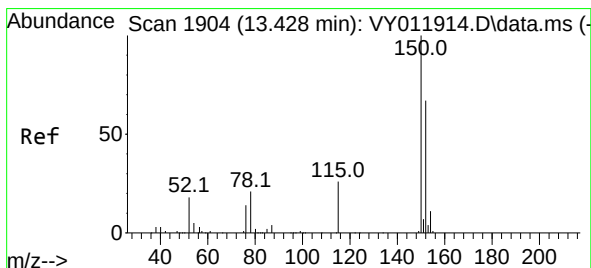
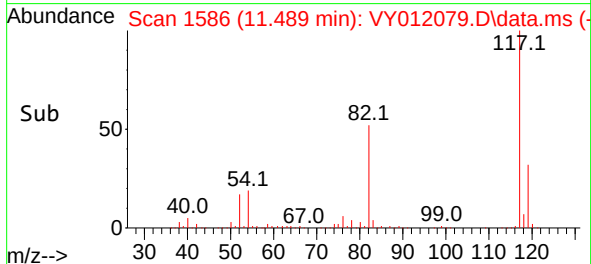
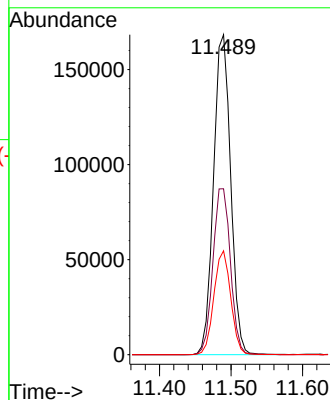
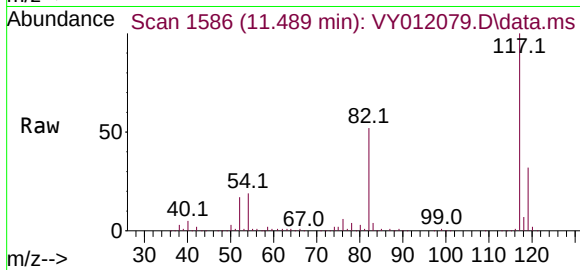




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012079.D
Acq: 05 Jan 2023 16:51

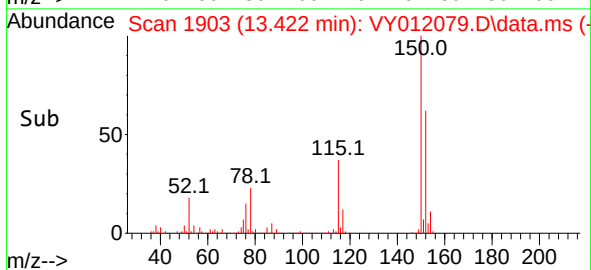
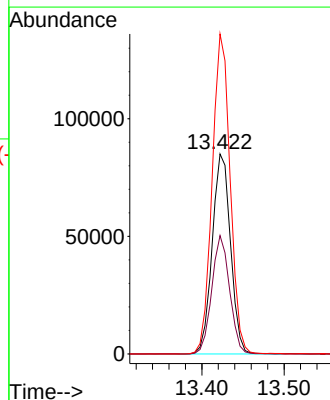
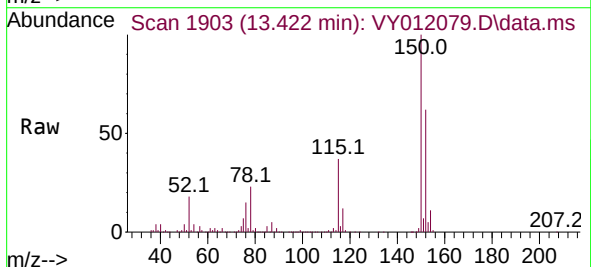
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

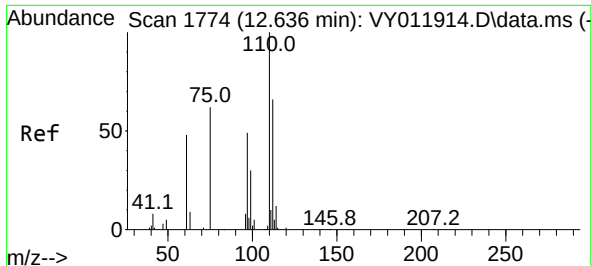
Tgt Ion:117 Resp: 279849
Ion Ratio Lower Upper
117 100
82 51.9 44.8 67.2
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012079.D
Acq: 05 Jan 2023 16:51

Tgt Ion:152 Resp: 131541
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.3
150 156.9 0.0 342.6

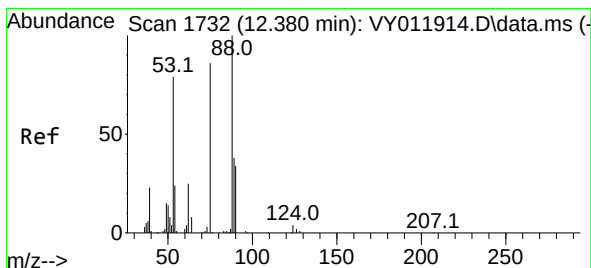
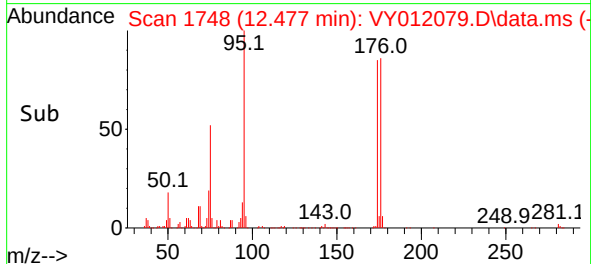
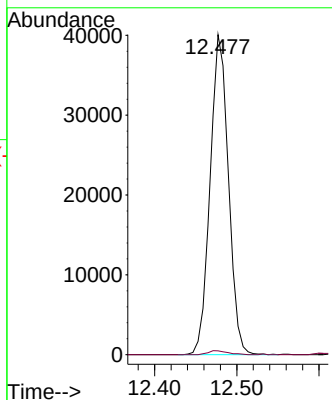
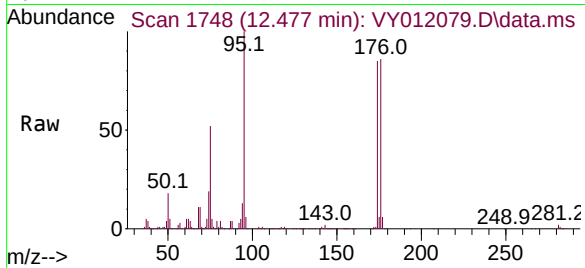




#76
1,2,3-Trichloropropane
Concen: 37.872 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY012079.D
Acq: 05 Jan 2023 16:51

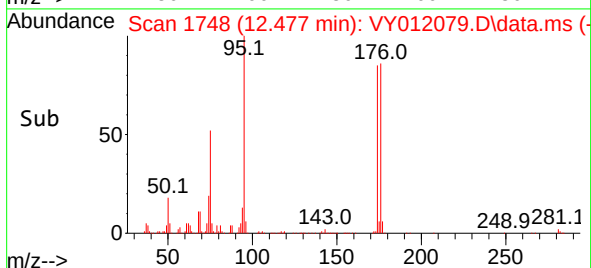
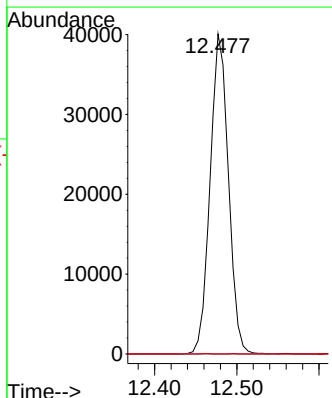
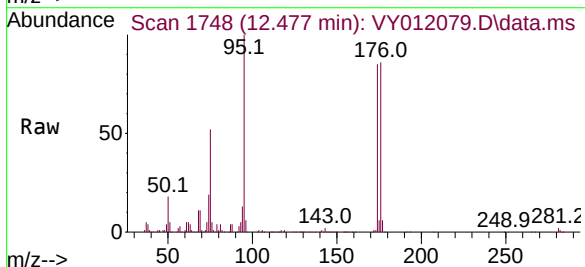
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

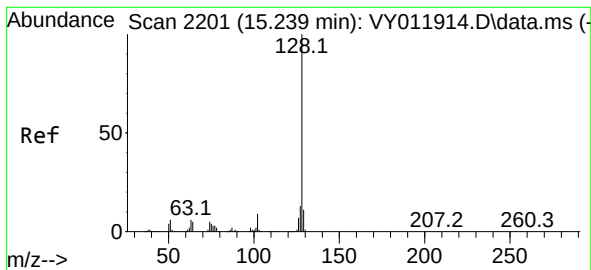
Tgt Ion: 75 Resp: 61990
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.714 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY012079.D
Acq: 05 Jan 2023 16:51

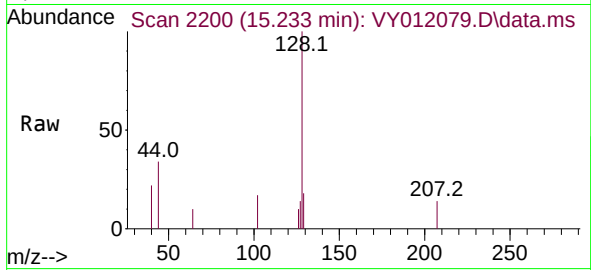
Tgt Ion: 75 Resp: 61990
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 2.998 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY012079.D
Acq: 05 Jan 2023 16:51

Instrument :
MSVOA_Y
ClientSampleId :
TP-5



Tgt Ion:128 Resp: 1128
Ion Ratio Lower Upper
128 100
127 8.1 10.2 15.2#
129 12.5 8.8 13.2

