

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009763.D
 Acq On : 28 Jul 2022 19:57
 Operator : KP/MD
 Sample : N3881-03
 Misc : 9.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2

Quant Time: Jul 29 02:58:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

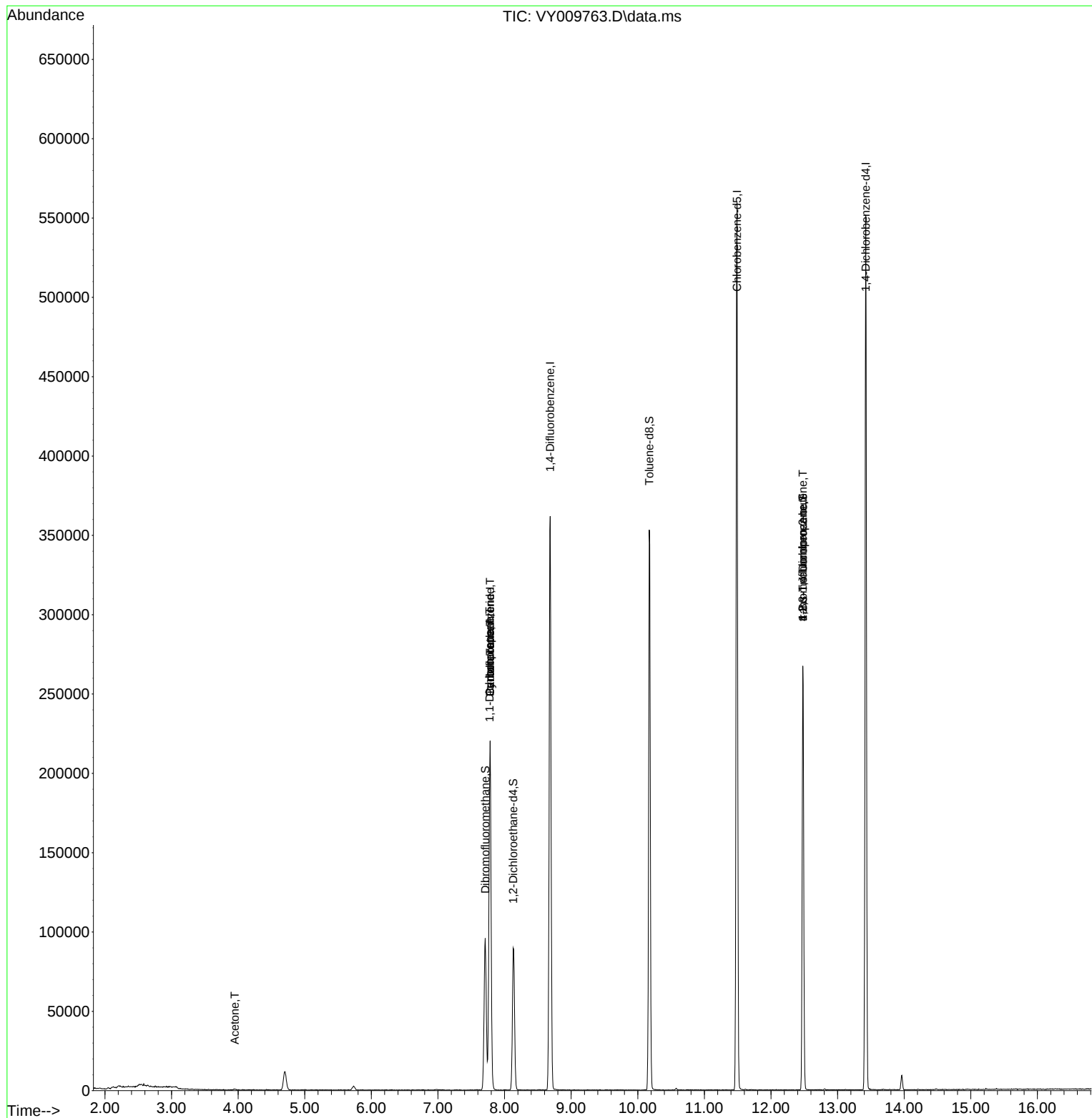
Internal Standards						
1) Pentafluorobenzene	7.783	168	179764	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	321717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	311674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	69438	58.959	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.920%	
35) Dibromofluoromethane	7.710	113	66302	37.893	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 75.780%	
50) Toluene-d8	10.173	98	238068	46.414	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 92.820%	
62) 4-Bromofluorobenzene	12.477	95	73480	31.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 63.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	69	Below Cal	#	77
16) Acetone	3.948	43	875	2.036	ug/l	95
18) Methyl Acetate	4.460	43	196	Below Cal	#	56
20) Methylene Chloride	4.704	84	9179	Below Cal	#	81
31) Cyclohexane	7.783	56	3158	1.104	ug/l	# 1
36) 1,1-Dichloropropene	7.777	75	11983	4.209	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	16293	5.341	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	37471	27.919	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	37471	55.652	ug/l	# 7

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

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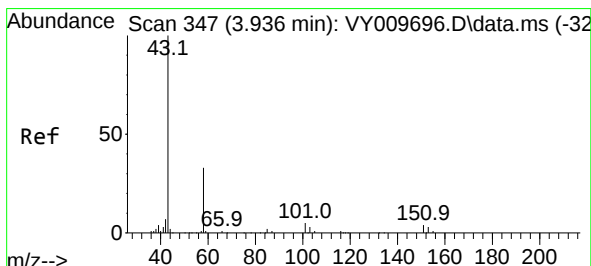
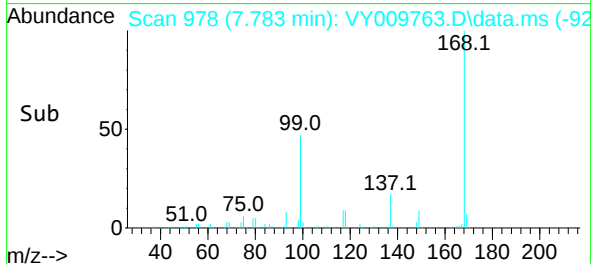
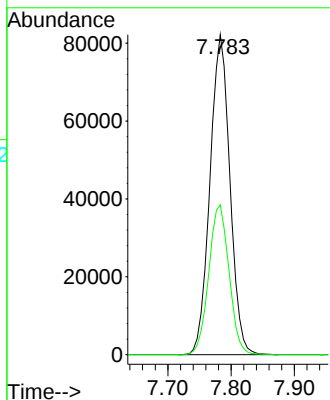
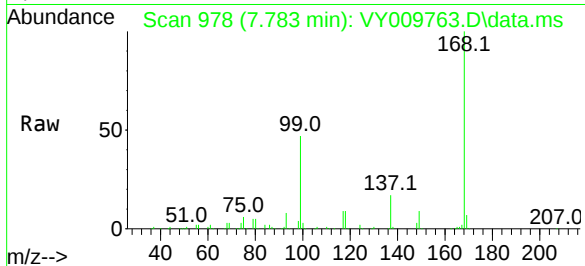




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009763.D
Acq: 28 Jul 2022 19:57

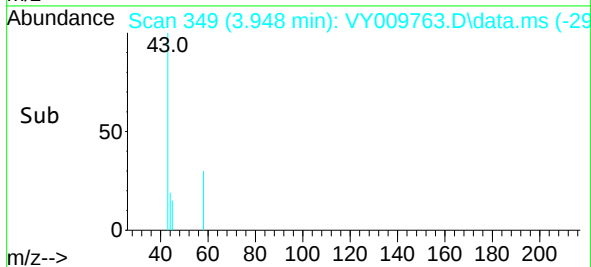
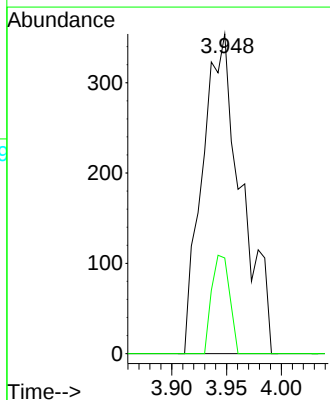
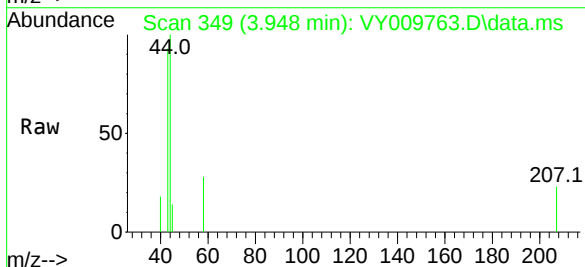
Instrument :
MSVOA_Y
ClientSampleId :
TP2

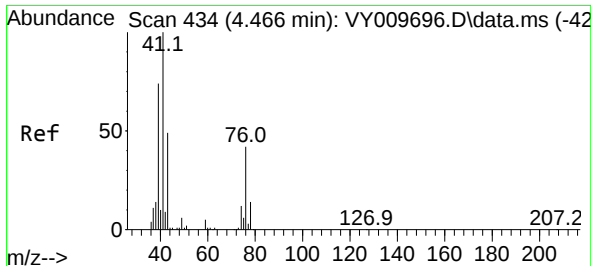
Tgt Ion:168 Resp: 179764
Ion Ratio Lower Upper
168 100
99 46.9 46.9 70.3#



#16
Acetone
Concen: 2.036 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009763.D
Acq: 28 Jul 2022 19:57

Tgt Ion: 43 Resp: 875
Ion Ratio Lower Upper
43 100
58 29.9 22.0 33.0

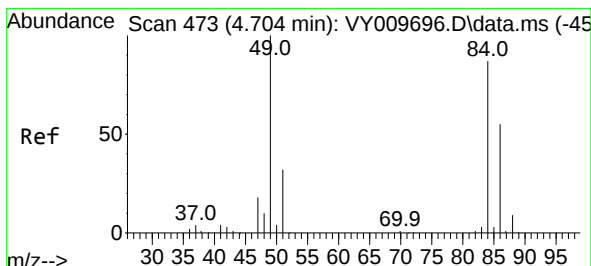
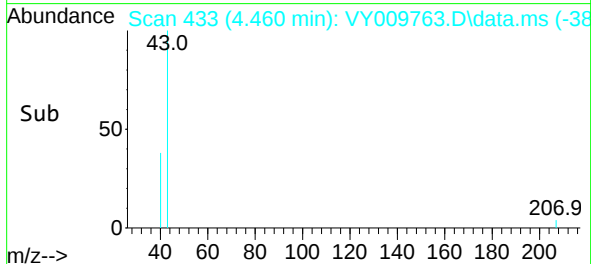
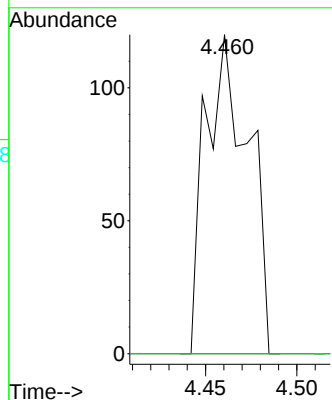
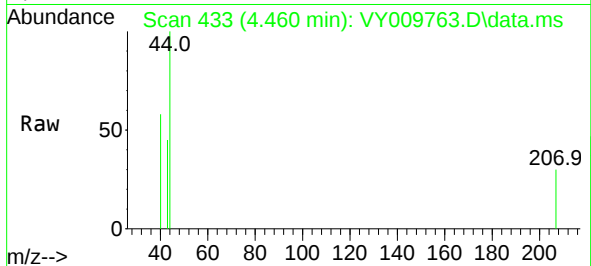




#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009763.D
Acq: 28 Jul 2022 19:57

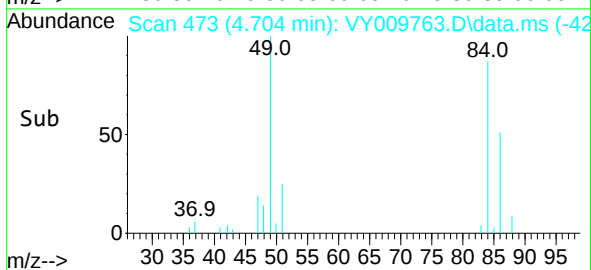
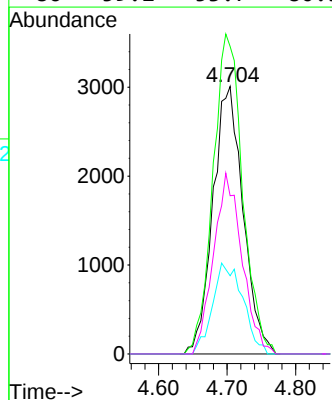
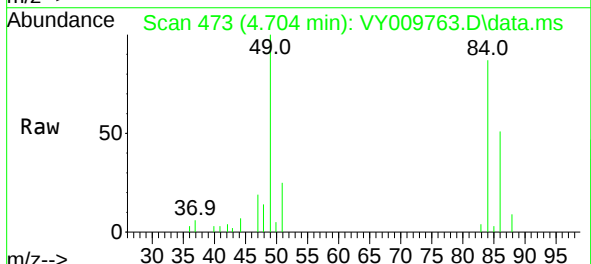
Instrument :
MSVOA_Y
ClientSampleId :
TP2

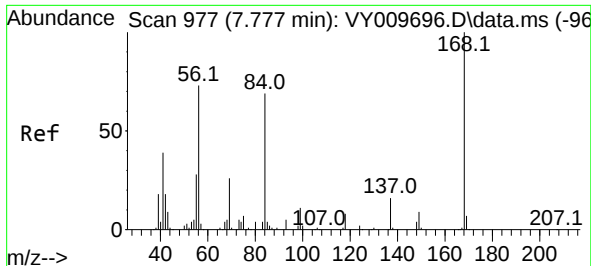
Tgt Ion: 43 Resp: 196
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009763.D
Acq: 28 Jul 2022 19:57

Tgt Ion: 84 Resp: 9179
Ion Ratio Lower Upper
84 100
49 115.0 114.4 171.6
51 29.3 35.3 52.9#
86 59.2 53.7 80.5

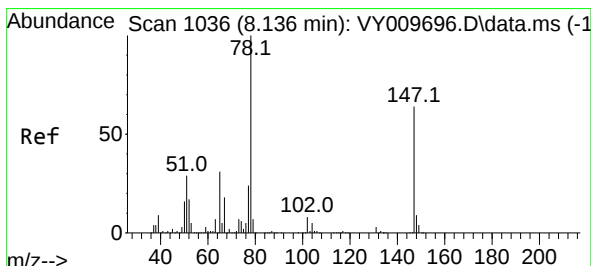
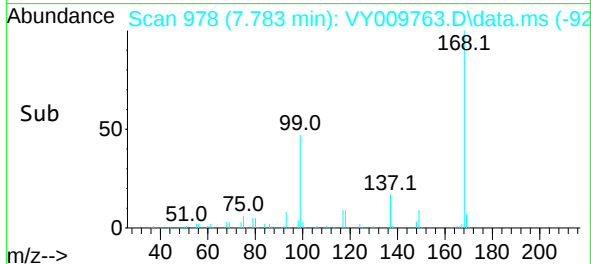
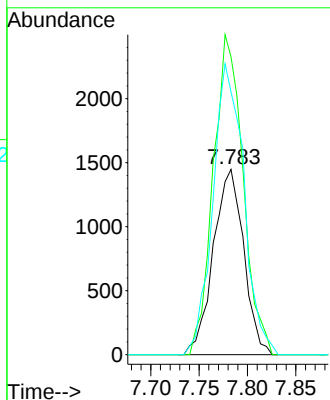
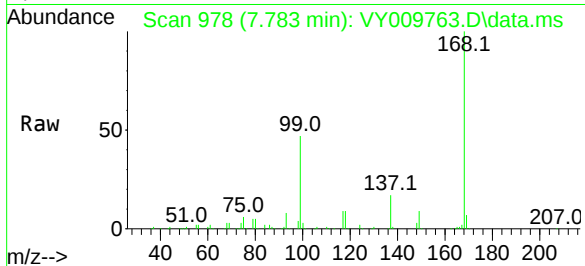




#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009763.D
Acq: 28 Jul 2022 19:57

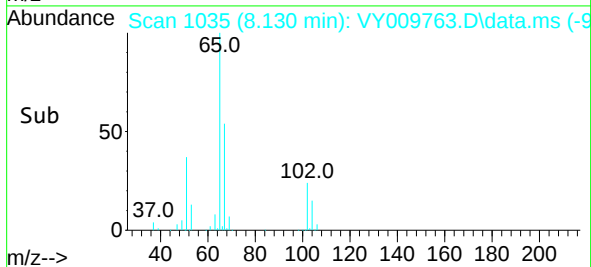
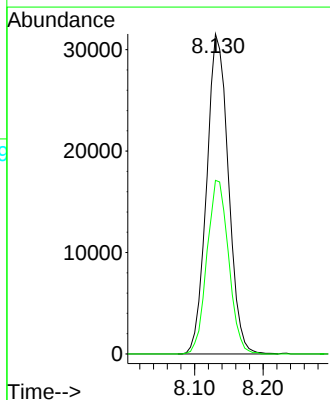
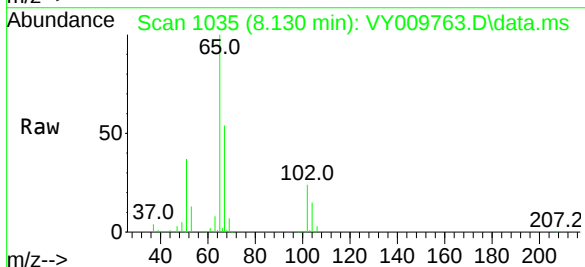
Instrument :
MSVOA_Y
ClientSampleId :
TP2

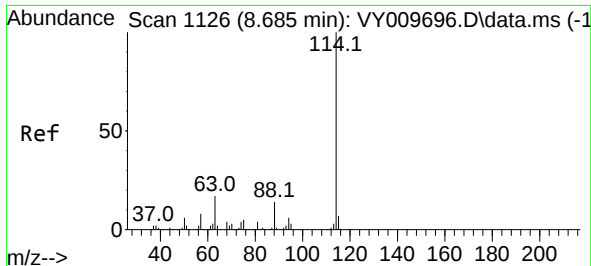
Tgt Ion: 56 Resp: 3158
Ion Ratio Lower Upper
56 100
69 160.8 26.7 40.1#
84 141.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.959 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009763.D
Acq: 28 Jul 2022 19:57

Tgt Ion: 65 Resp: 69438
Ion Ratio Lower Upper
65 100
67 54.2 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: VY009763.D

Acq: 28 Jul 2022 19:57

Instrument :

MSVOA_Y

ClientSampleId :

TP2

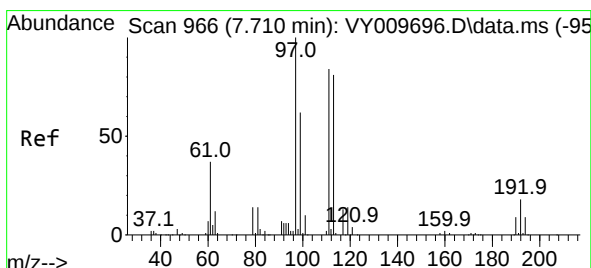
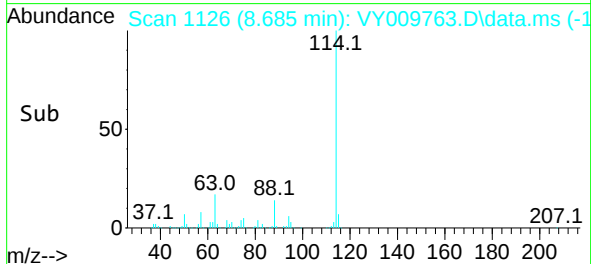
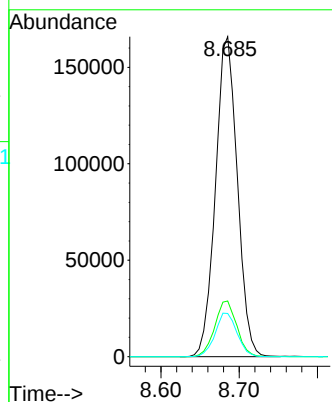
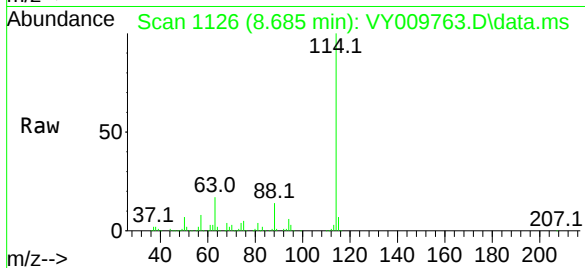
Tgt Ion:114 Resp: 321717

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 13.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 37.893 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009763.D

Acq: 28 Jul 2022 19:57

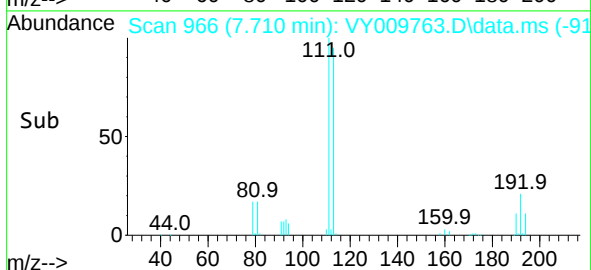
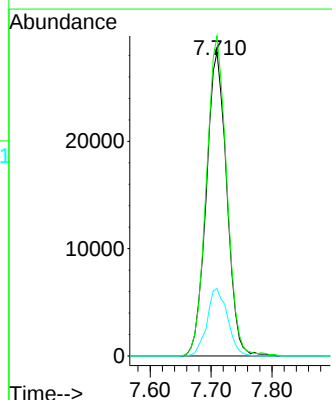
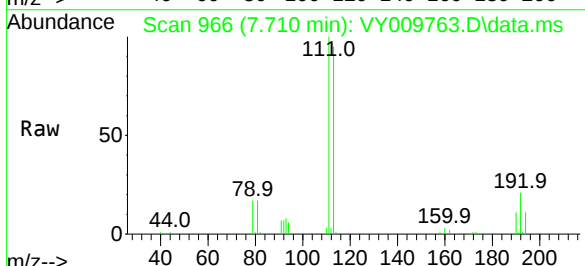
Tgt Ion:113 Resp: 66302

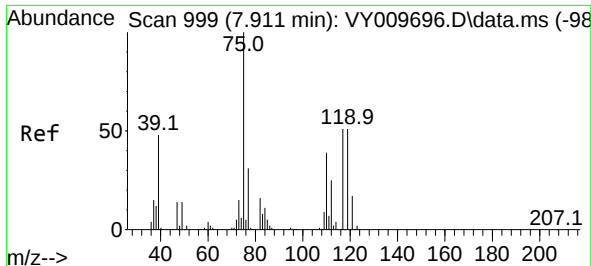
Ion Ratio Lower Upper

113 100

111 104.9 82.6 124.0

192 22.1 17.6 26.4

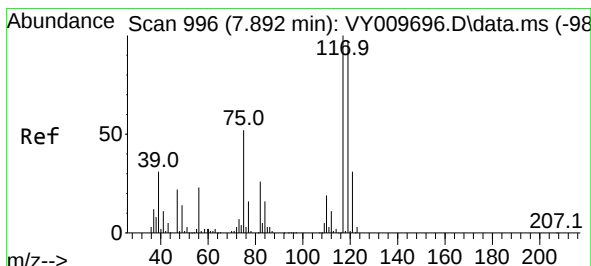
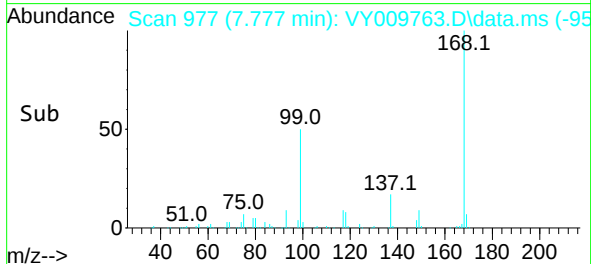
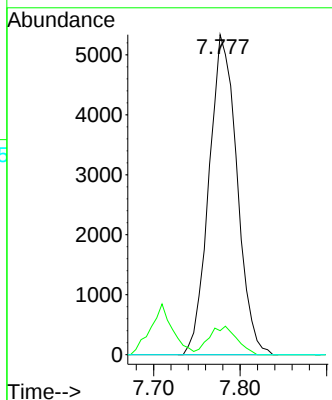
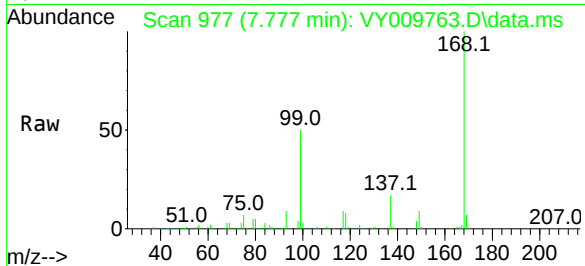




#36
 1,1-Dichloropropene
 Concen: 4.209 ug/l
 RT: 7.777 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY009763.D
 Acq: 28 Jul 2022 19:57

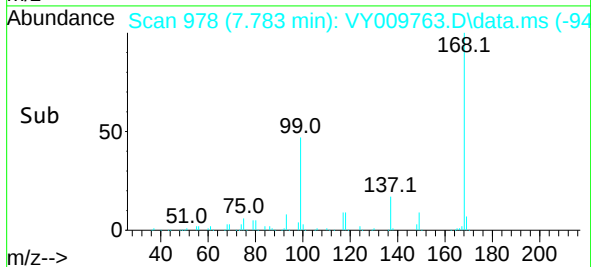
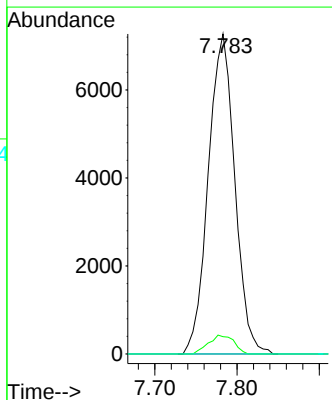
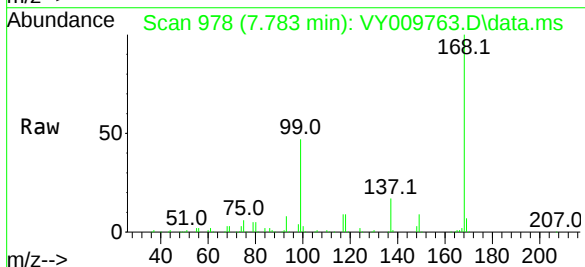
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2

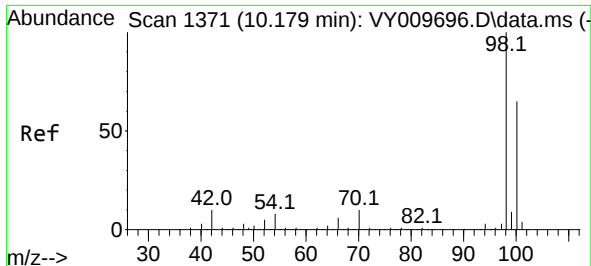
Tgt Ion: 75 Resp: 11983
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.341 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.109 min
 Lab File: VY009763.D
 Acq: 28 Jul 2022 19:57

Tgt Ion: 117 Resp: 16293
 Ion Ratio Lower Upper
 117 100
 119 5.4 77.9 116.9#
 121 0.0 24.8 37.2#

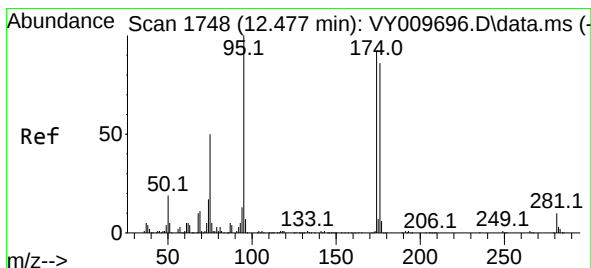
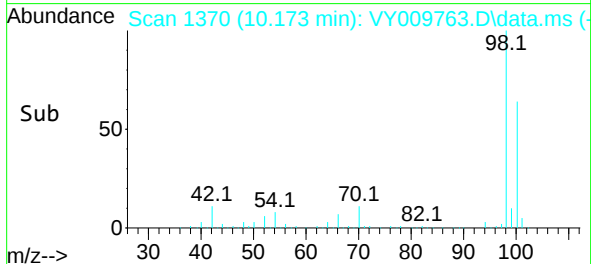
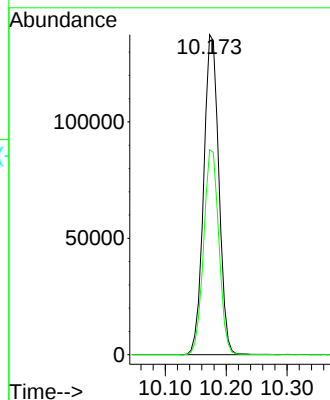
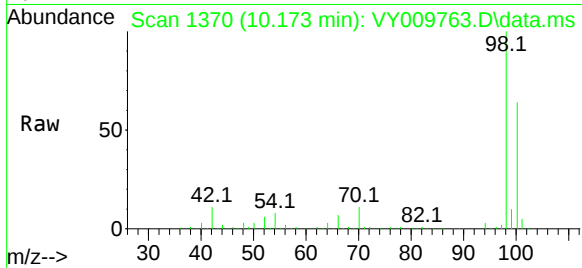




#50
Toluene-d8
Concen: 46.414 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009763.D
Acq: 28 Jul 2022 19:57

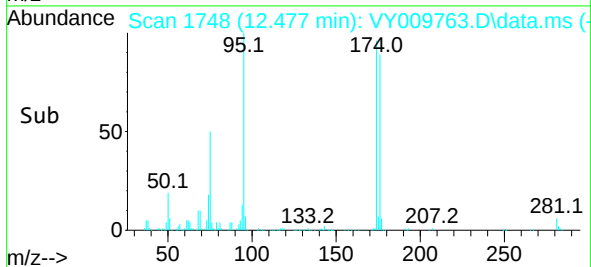
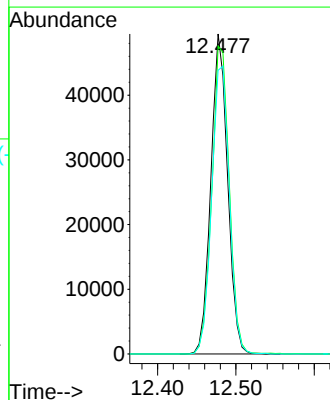
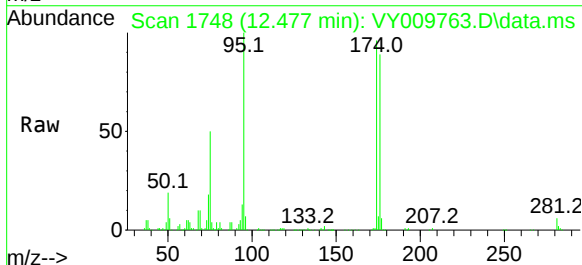
Instrument :
MSVOA_Y
ClientSampleId :
TP2

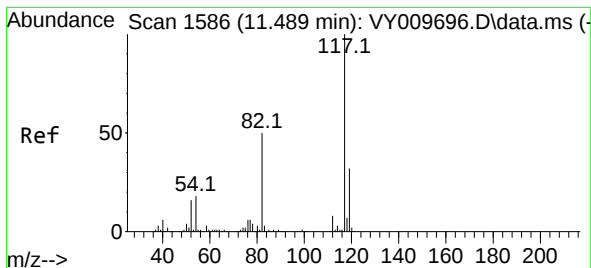
Tgt Ion: 98 Resp: 238068
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.671 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009763.D
Acq: 28 Jul 2022 19:57

Tgt Ion: 95 Resp: 73480
Ion Ratio Lower Upper
95 100
174 100.0 0.0 177.0
176 95.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY009763.D

Acq: 28 Jul 2022 19:57

Instrument :

MSVOA_Y

ClientSampleId :

TP2

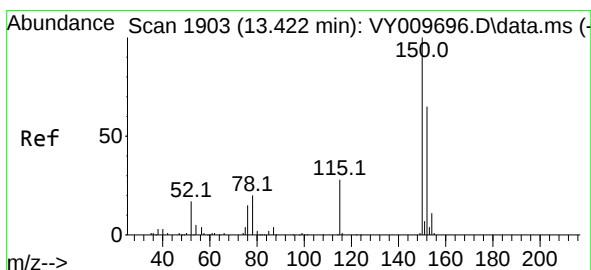
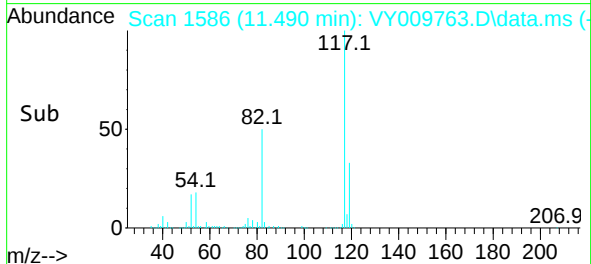
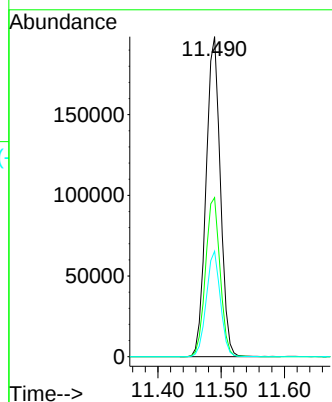
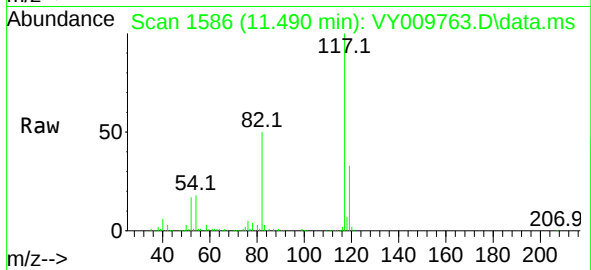
Tgt Ion:117 Resp: 311674

Ion Ratio Lower Upper

117 100

82 49.7 43.0 64.4

119 33.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009763.D

Acq: 28 Jul 2022 19:57

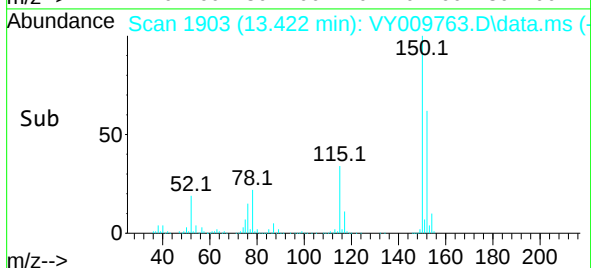
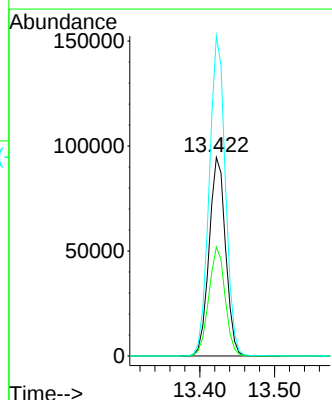
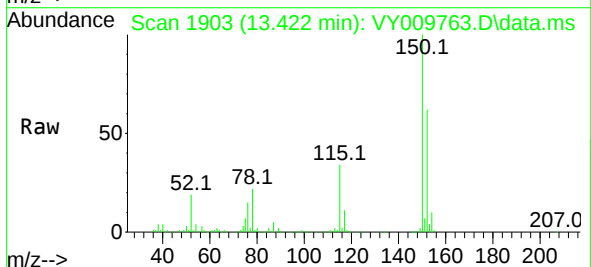
Tgt Ion:152 Resp: 144491

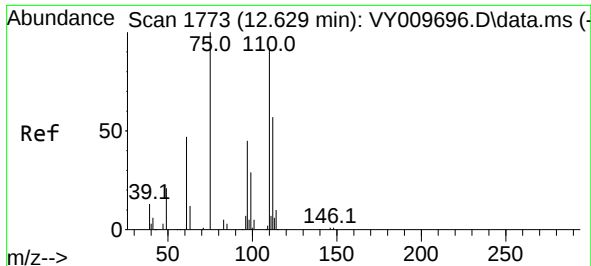
Ion Ratio Lower Upper

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150 158.3 0.0 347.6

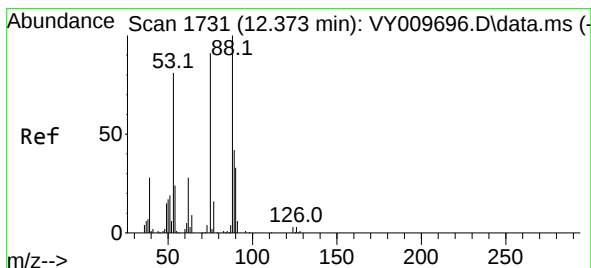
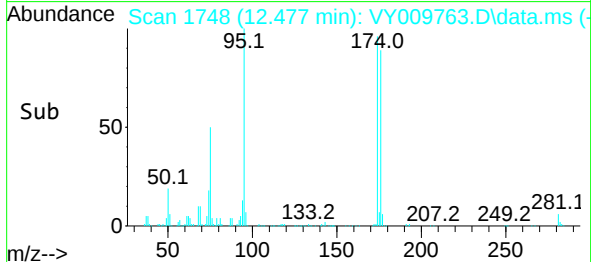
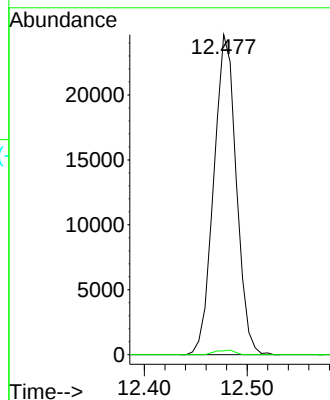
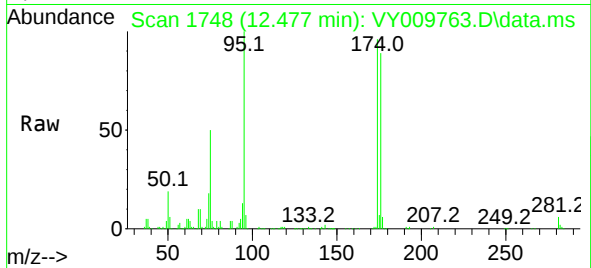




#76
1,2,3-Trichloropropane
Concen: 27.919 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009763.D
Acq: 28 Jul 2022 19:57

Instrument :
MSVOA_Y
ClientSampleId :
TP2

Tgt Ion: 75 Resp: 37471
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.652 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009763.D
Acq: 28 Jul 2022 19:57

Tgt Ion: 75 Resp: 37471
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

