

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009803.D
 Acq On : 01 Aug 2022 17:49
 Operator : KP/MD
 Sample : N3976-05
 Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP3-0729

Quant Time: Aug 02 01:41:34 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)

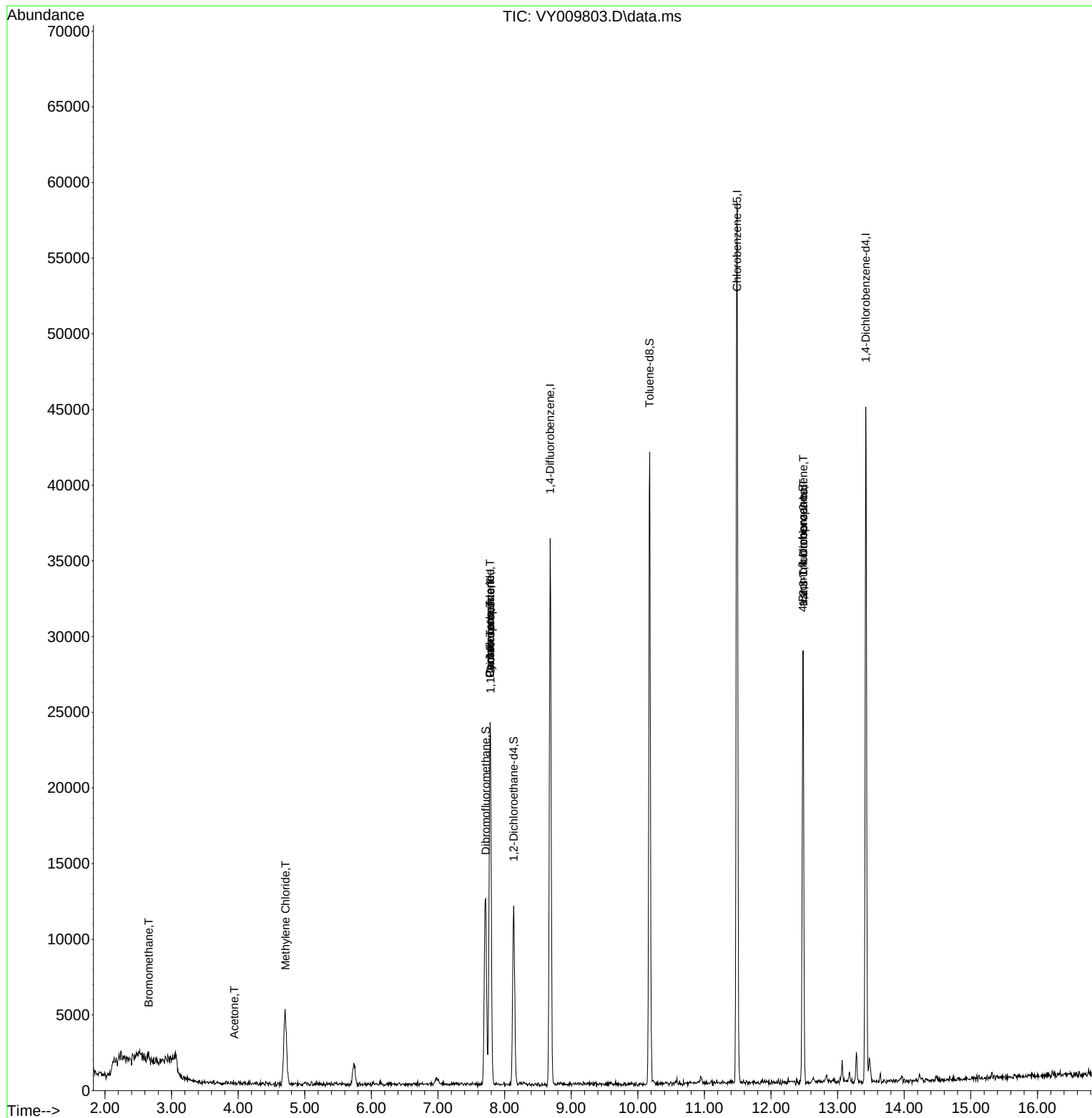
Internal Standards						
1) Pentafluorobenzene	7.783	168	20298	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	31198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	33859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	12336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8810	66.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.920%	
35) Dibromofluoromethane	7.716	113	8905	52.482	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.960%	
50) Toluene-d8	10.179	98	28131	57.569	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 115.140%	
62) 4-Bromofluorobenzene	12.477	95	8362	37.166	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 74.340%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	235	1.373	ug/l	# 54
16) Acetone	3.942	43	51	1.051	ug/l	# 47
20) Methylene Chloride	4.710	84	3821	8.331	ug/l	# 72
31) Cyclohexane	7.783	56	353	1.093	ug/l	# 40
36) 1,1-Dichloropropene	7.789	75	1417	5.132	ug/l	# 42
38) Carbon Tetrachloride	7.783	117	1640	5.543	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	4111	35.878	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	4111	71.515	ug/l	# 7

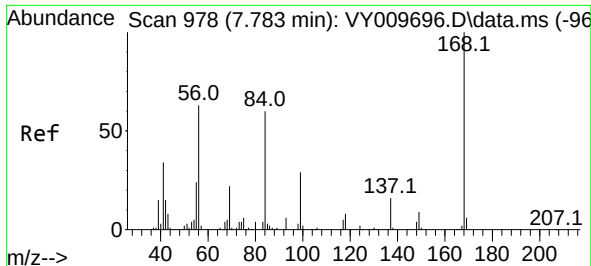
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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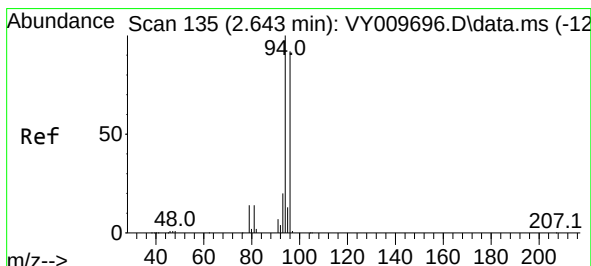
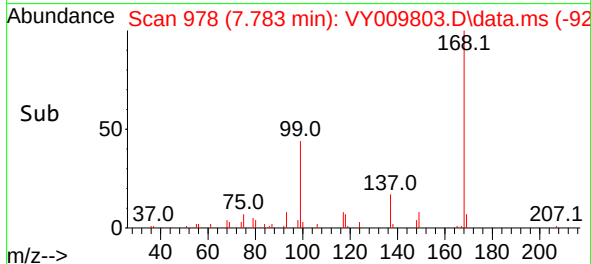
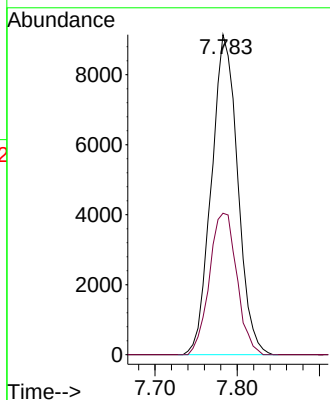
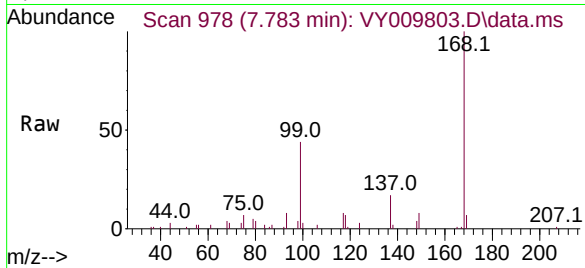




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009803.D
Acq: 01 Aug 2022 17:49

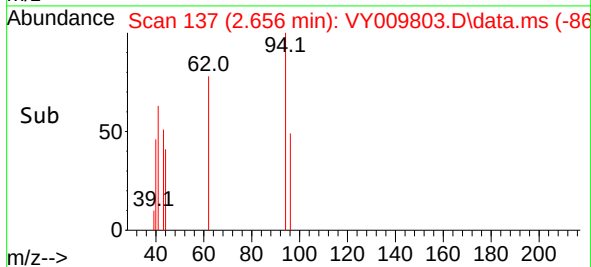
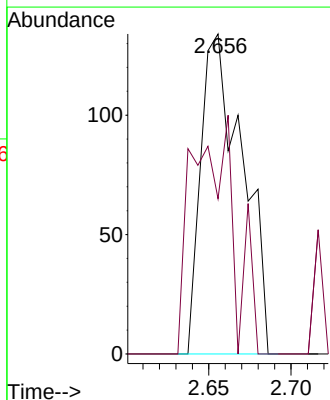
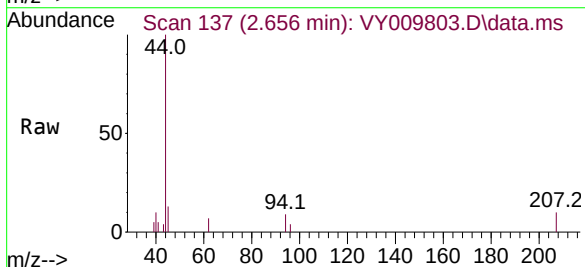
Instrument :
MSVOA_Y
ClientSampleId :
TP3-0729

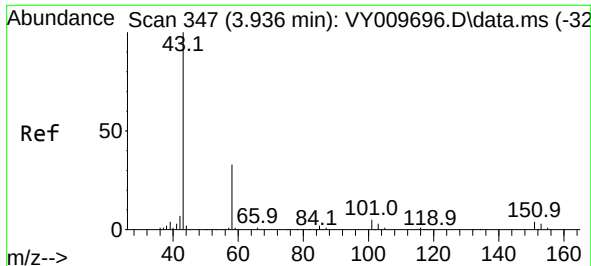
Tgt Ion:168 Resp: 20298
Ion Ratio Lower Upper
168 100
99 44.2 46.9 70.3#



#5
Bromomethane
Concen: 1.373 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.013 min
Lab File: VY009803.D
Acq: 01 Aug 2022 17:49

Tgt Ion: 94 Resp: 235
Ion Ratio Lower Upper
94 100
96 48.5 73.5 110.3#





#16

Acetone

Concen: 1.051 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY009803.D

Acq: 01 Aug 2022 17:49

Instrument :

MSVOA_Y

ClientSampleId :

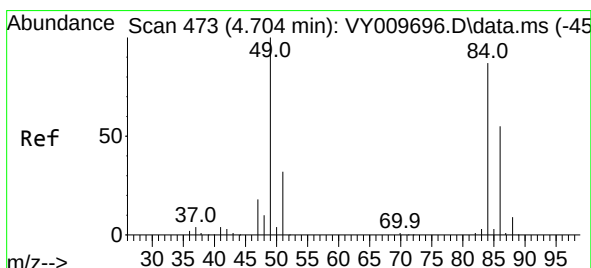
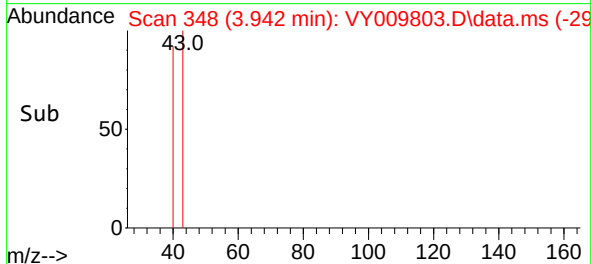
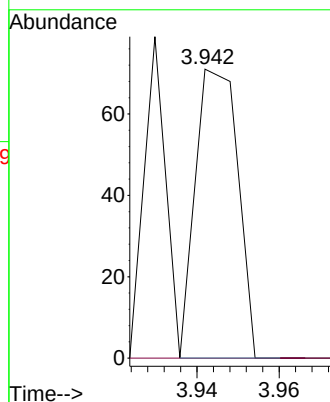
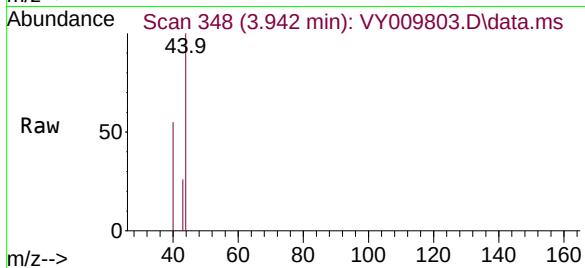
TP3-0729

Tgt Ion: 43 Resp: 51

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#



#20

Methylene Chloride

Concen: 8.331 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY009803.D

Acq: 01 Aug 2022 17:49

Tgt Ion: 84 Resp: 3821

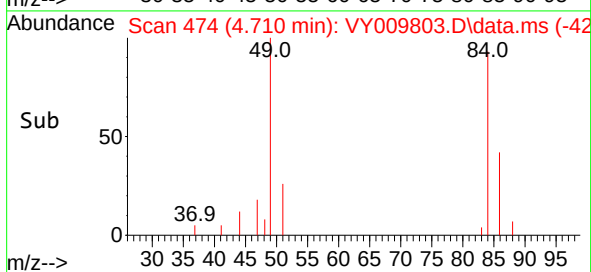
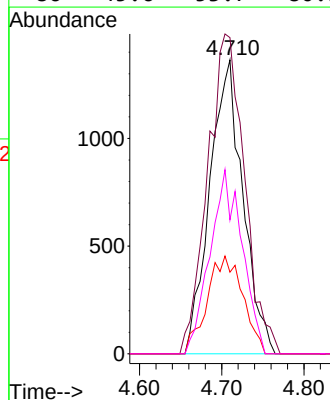
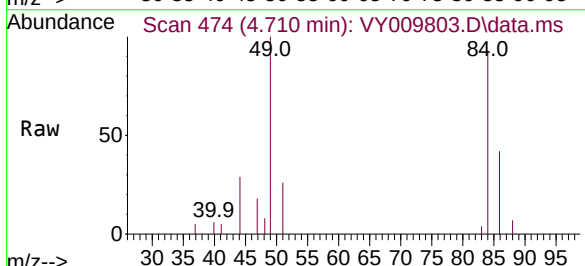
Ion Ratio Lower Upper

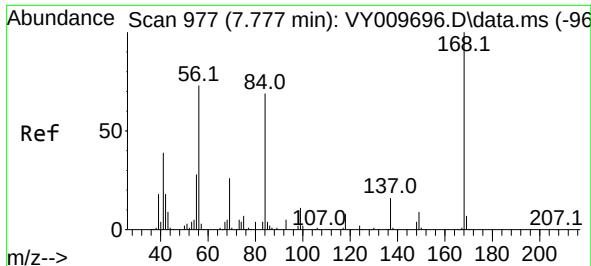
84 100

49 107.5 114.4 171.6#

51 27.8 35.3 52.9#

86 45.6 53.7 80.5#

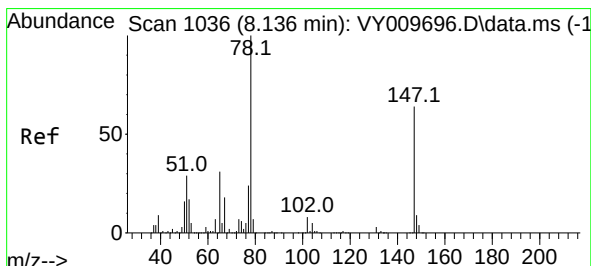
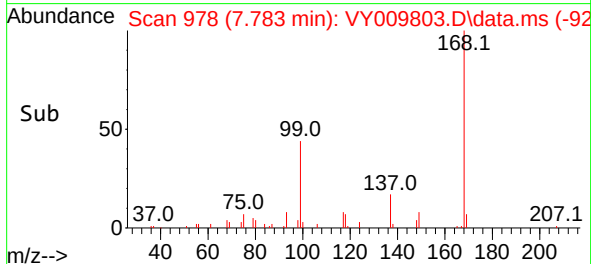
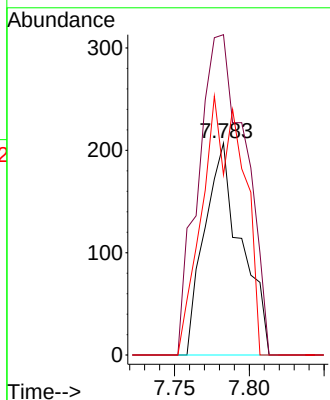
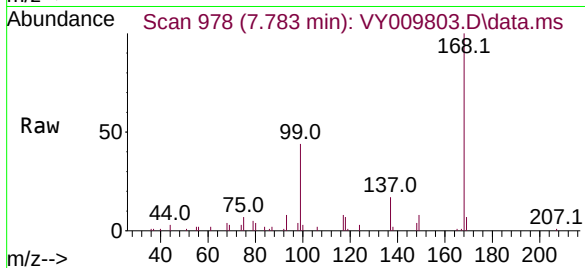




#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009803.D
Acq: 01 Aug 2022 17:49

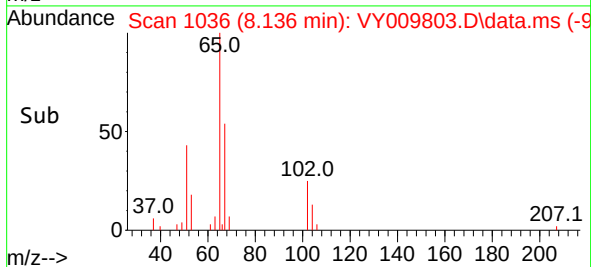
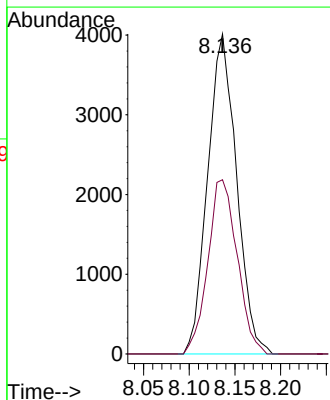
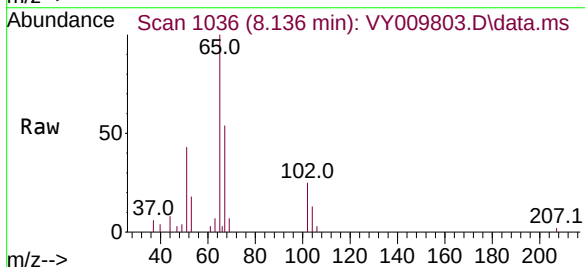
Instrument :
MSVOA_Y
ClientSampleId :
TP3-0729

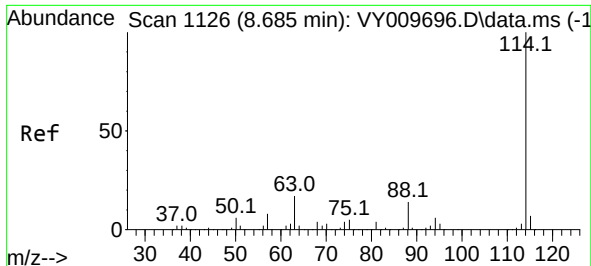
Tgt Ion: 56 Resp: 353
Ion Ratio Lower Upper
56 100
69 151.2 26.7 40.1#
84 85.0 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 66.960 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009803.D
Acq: 01 Aug 2022 17:49

Tgt Ion: 65 Resp: 8810
Ion Ratio Lower Upper
65 100
67 55.4 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: VY009803.D

Acq: 01 Aug 2022 17:49

Instrument :

MSVOA_Y

ClientSampleId :

TP3-0729

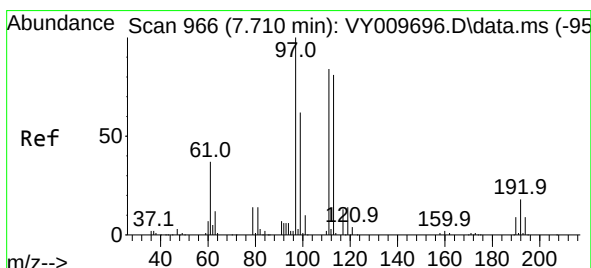
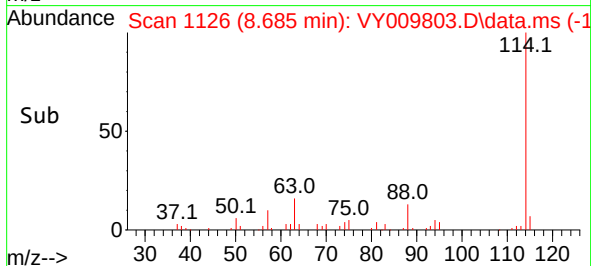
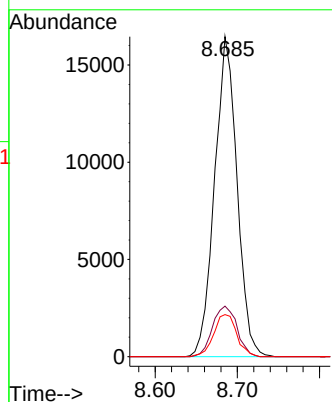
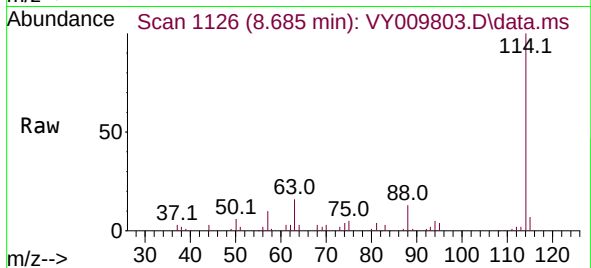
Tgt Ion:114 Resp: 31198

Ion Ratio Lower Upper

114 100

63 15.8 0.0 43.2

88 13.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.482 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009803.D

Acq: 01 Aug 2022 17:49

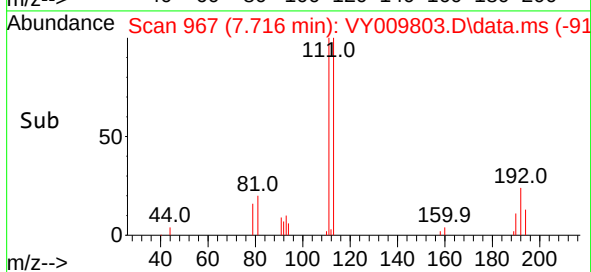
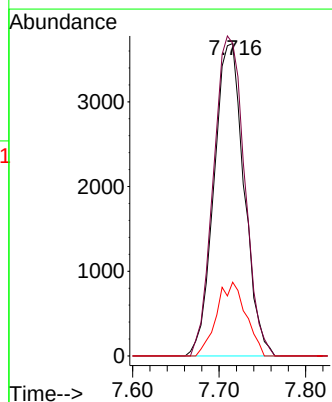
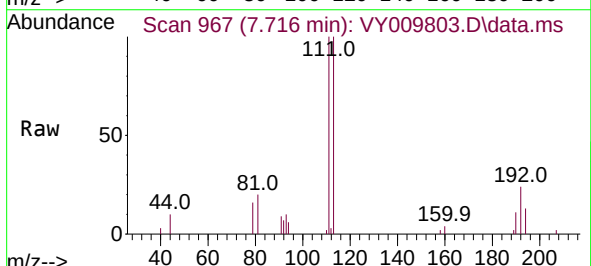
Tgt Ion:113 Resp: 8905

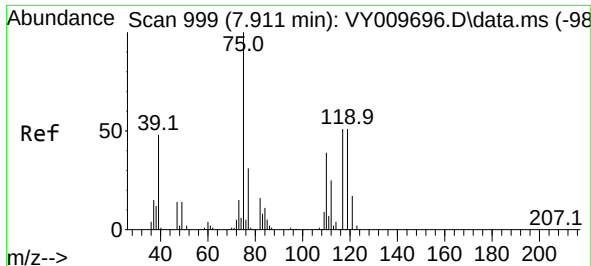
Ion Ratio Lower Upper

113 100

111 105.6 82.6 124.0

192 22.9 17.6 26.4

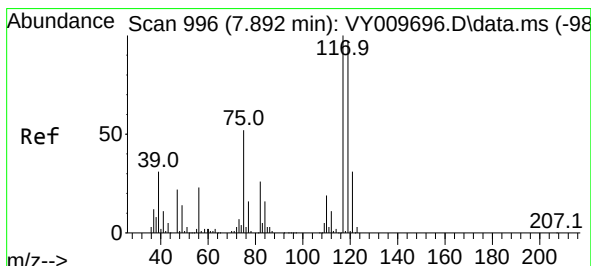
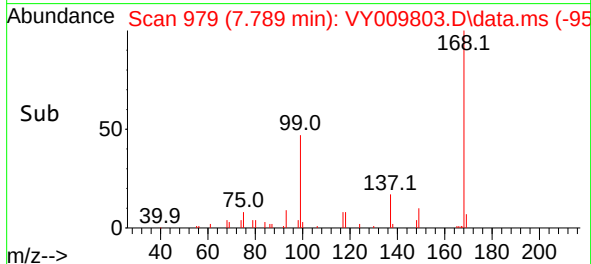
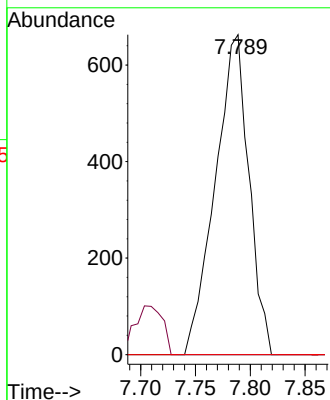
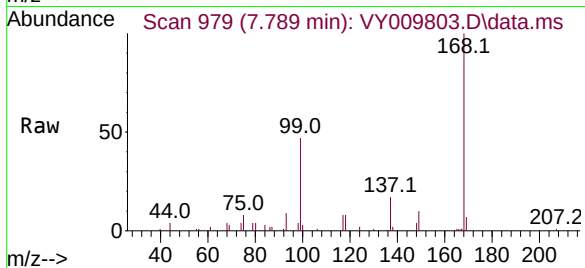




#36
 1,1-Dichloropropene
 Concen: 5.132 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY009803.D
 Acq: 01 Aug 2022 17:49

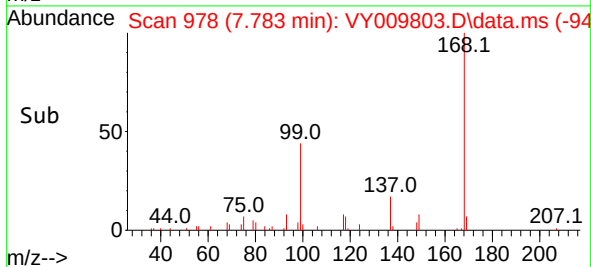
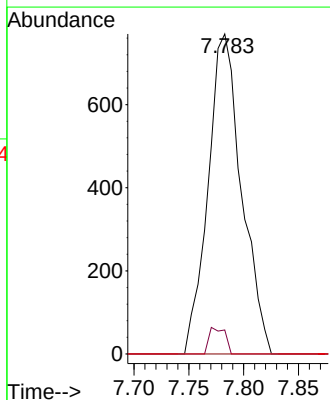
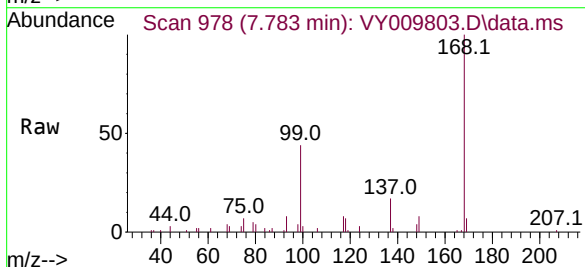
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP3-0729

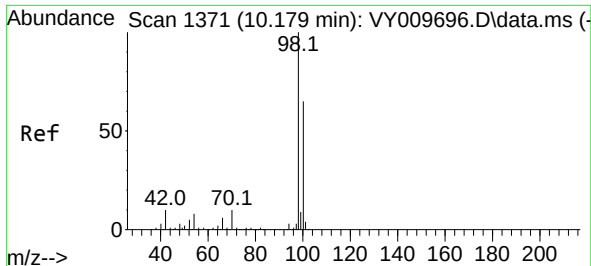
Tgt Ion: 75 Resp: 1417
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.543 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.109 min
 Lab File: VY009803.D
 Acq: 01 Aug 2022 17:49

Tgt Ion: 117 Resp: 1640
 Ion Ratio Lower Upper
 117 100
 119 7.5 77.9 116.9#
 121 0.0 24.8 37.2#

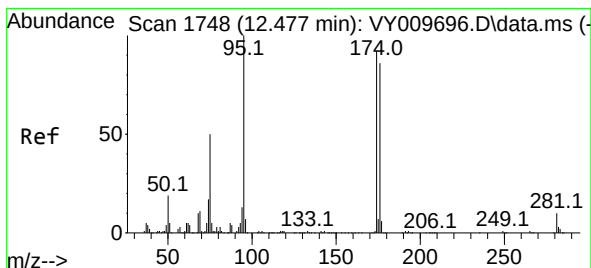
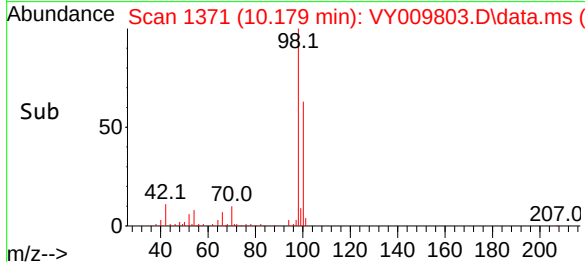
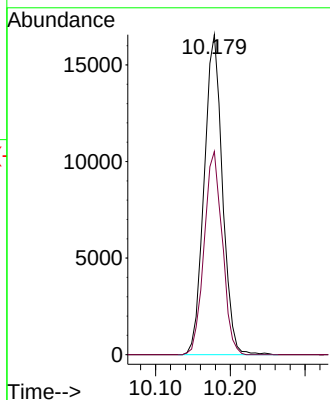
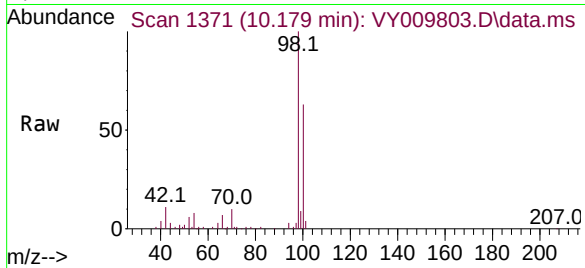




#50
Toluene-d8
Concen: 57.569 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009803.D
Acq: 01 Aug 2022 17:49

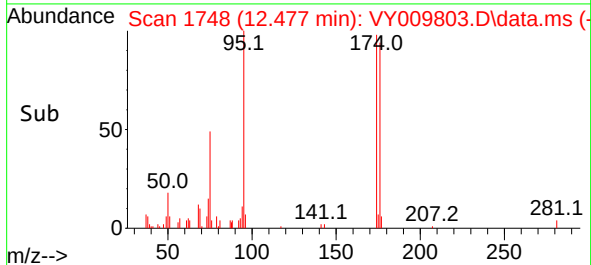
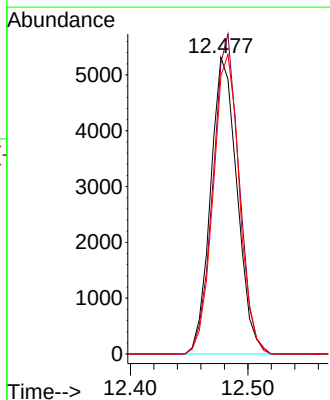
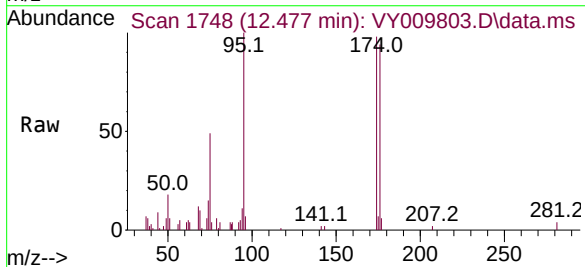
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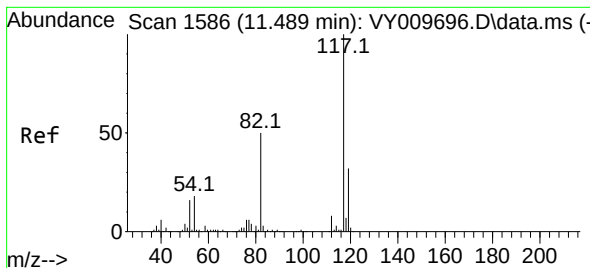
Tgt Ion: 98 Resp: 28131
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.166 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009803.D
Acq: 01 Aug 2022 17:49

Tgt Ion: 95 Resp: 8362
Ion Ratio Lower Upper
95 100
174 105.0 0.0 177.0
176 99.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009803.D

Acq: 01 Aug 2022 17:49

Instrument :

MSVOA_Y

ClientSampleId :

TP3-0729

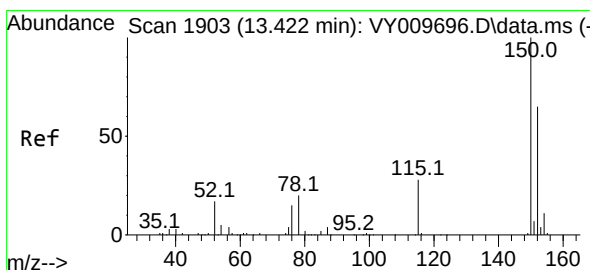
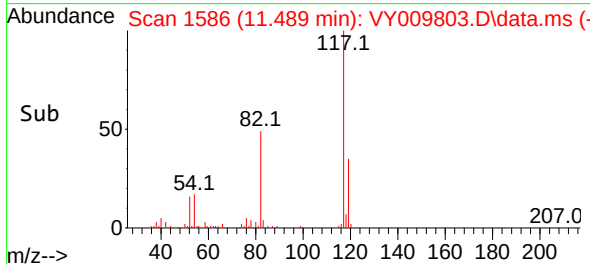
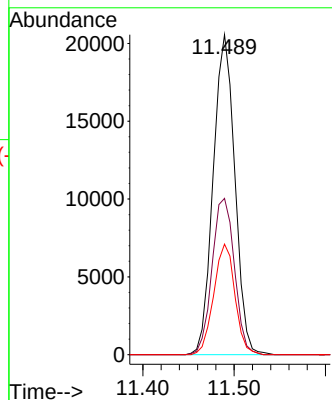
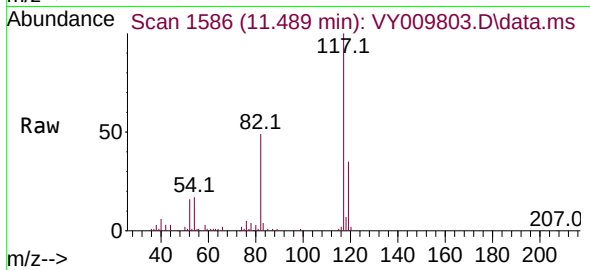
Tgt Ion:117 Resp: 33859

Ion Ratio Lower Upper

117 100

82 48.9 43.0 64.4

119 34.5 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: VY009803.D

Acq: 01 Aug 2022 17:49

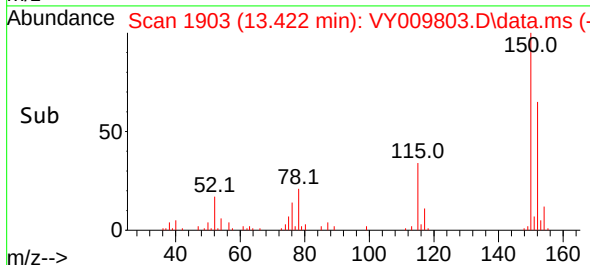
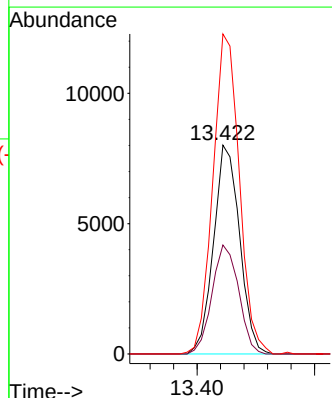
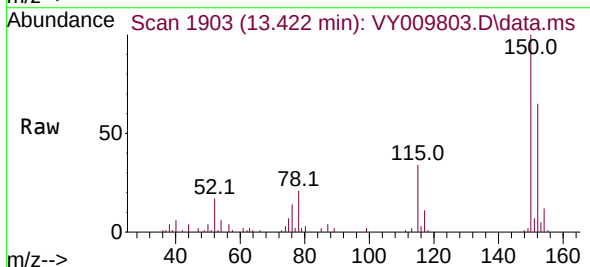
Tgt Ion:152 Resp: 12336

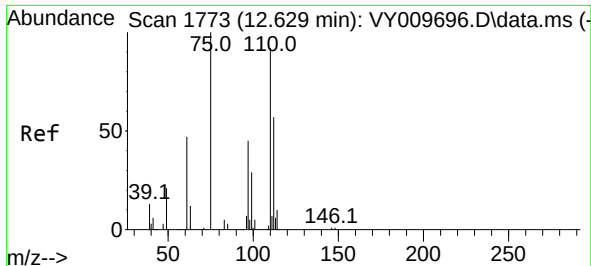
Ion Ratio Lower Upper

152 100

115 53.2 28.2 84.7

150 155.5 0.0 347.6

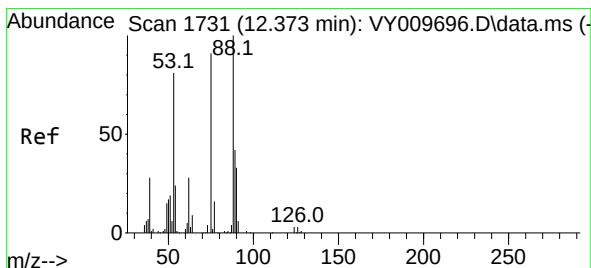
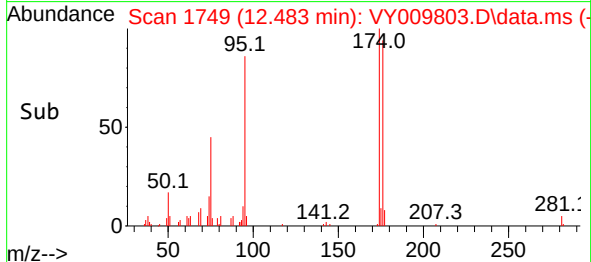
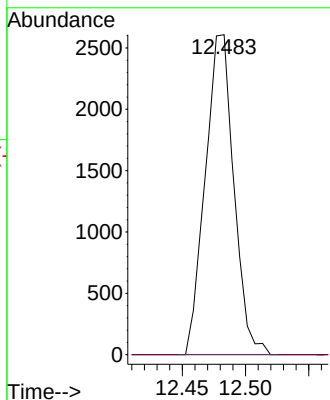
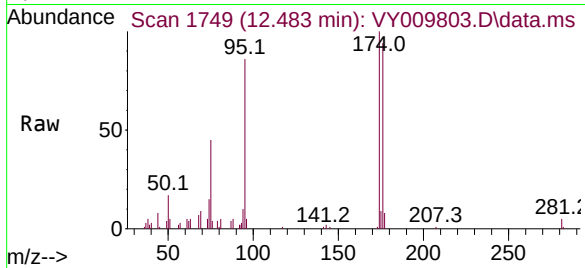




#76
1,2,3-Trichloropropane
Concen: 35.878 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY009803.D
Acq: 01 Aug 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :
TP3-0729

Tgt Ion: 75 Resp: 4111
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 71.515 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY009803.D
Acq: 01 Aug 2022 17:49

Tgt Ion: 75 Resp: 4111
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

