

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019053.D
 Acq On : 14 Aug 2024 12:58
 Operator : SY/MD
 Sample : P3579-01
 Misc : 4.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 14 21:45:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

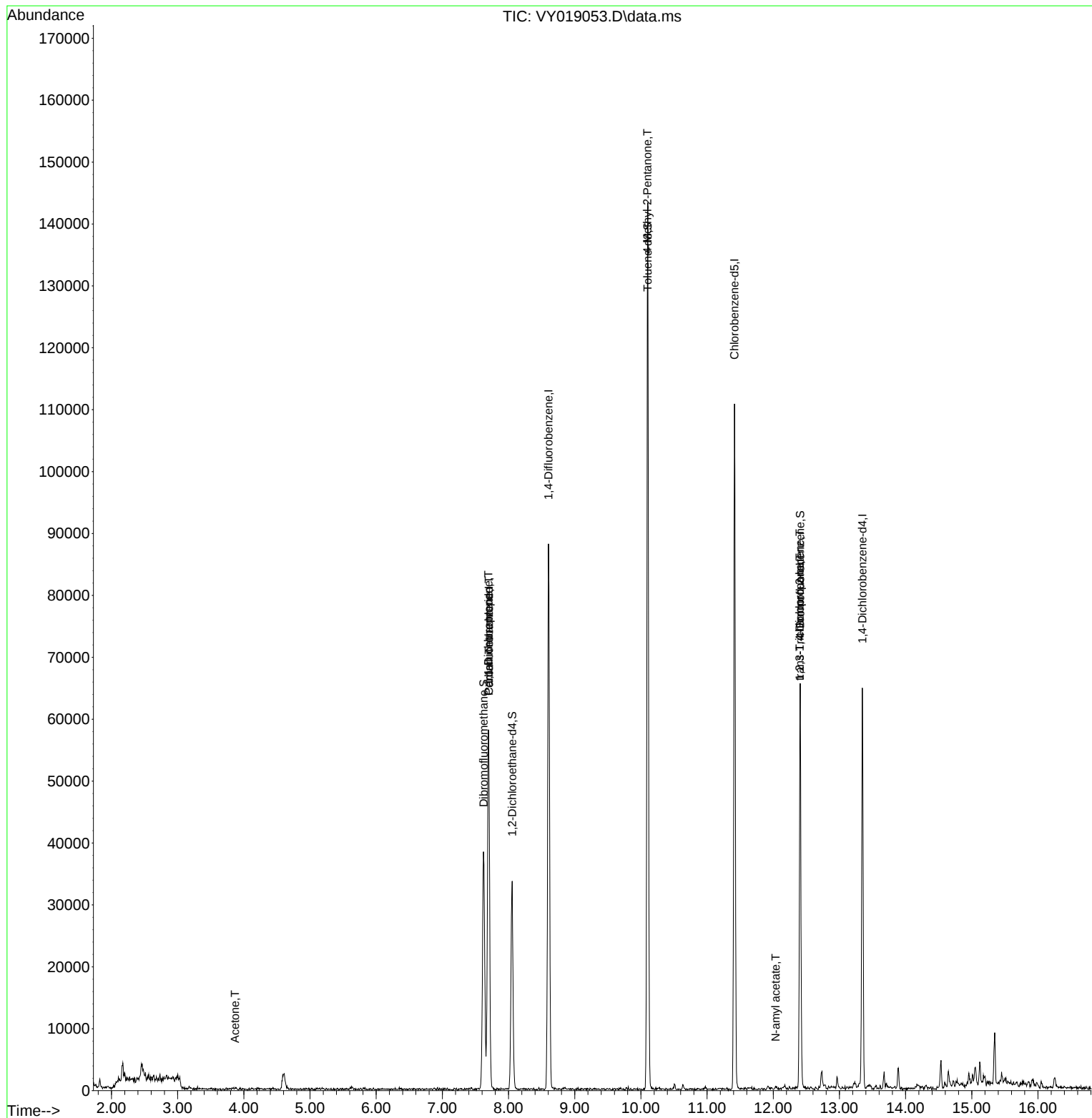
Internal Standards						
1) Pentafluorobenzene	7.701	168	46176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	75661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	55325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	15022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	19474	48.034	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.060%
35) Dibromofluoromethane	7.622	113	25025	51.786	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.580%
50) Toluene-d8	10.103	98	84420	45.482	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.960%
62) 4-Bromofluorobenzene	12.408	95	15194	27.591	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	55.180%
Target Compounds						
					Qvalue	
3) Chloromethane	2.062	50	55	Below Cal	#	43
16) Acetone	3.866	43	325	15.470	ug/l #	36
20) Methylene Chloride	4.610	84	1713	Below Cal		95
31) Cyclohexane	7.707	56	1145	Below Cal	#	68
36) 1,1-Dichloropropene	7.695	75	3364	5.186	ug/l #	44
38) Carbon Tetrachloride	7.701	117	4422	5.945	ug/l #	15
41) Methacrylonitrile	7.244	41	24	Below Cal	#	32
51) 4-Methyl-2-Pentanone	10.097	43	457	1.470	ug/l #	1
74) N-amyl acetate	12.036	43	263	1.045	ug/l #	42
76) 1,2,3-Trichloropropane	12.402	75	8851	79.089	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	8851	162.971	ug/l #	16

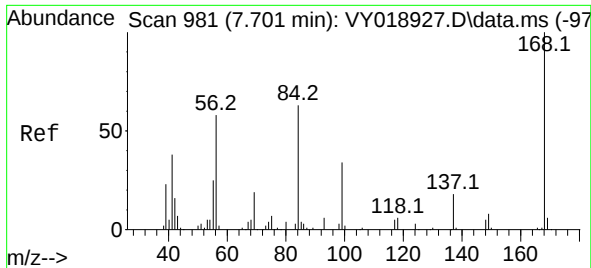
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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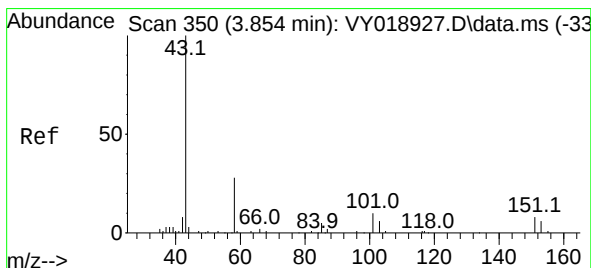
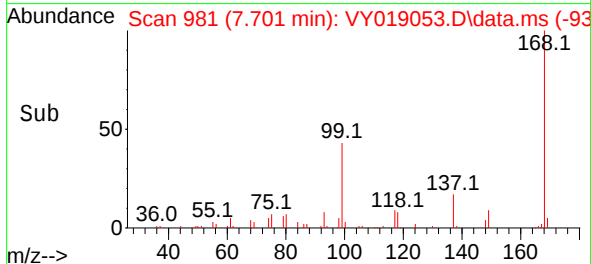
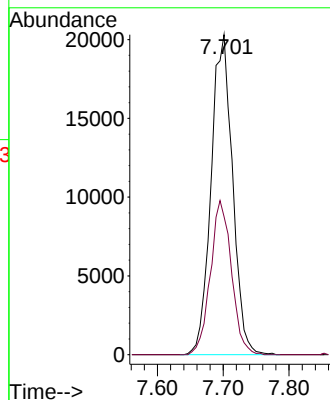
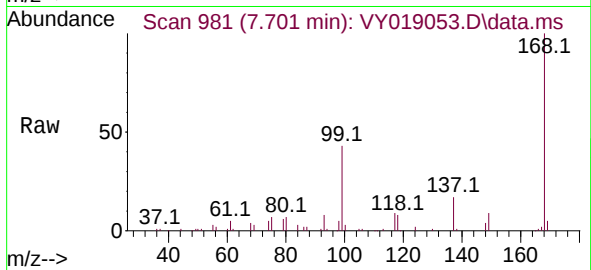




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019053.D
Acq: 14 Aug 2024 12:58

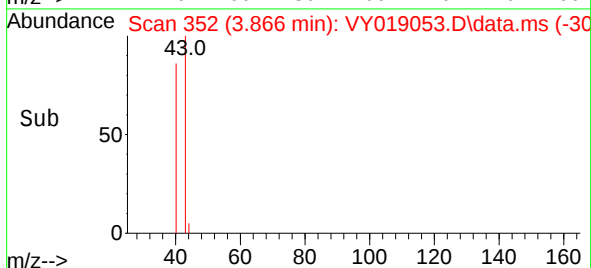
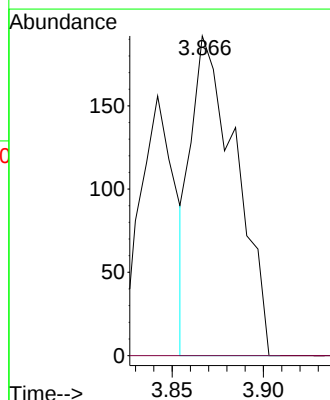
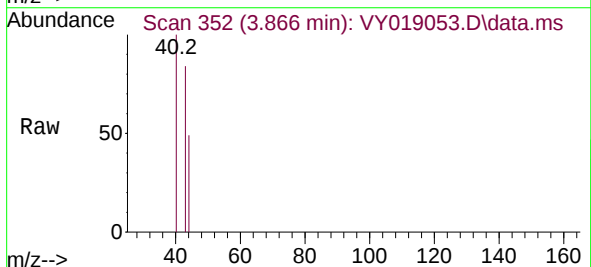
Instrument :
MSVOA_Y
ClientSampleId :

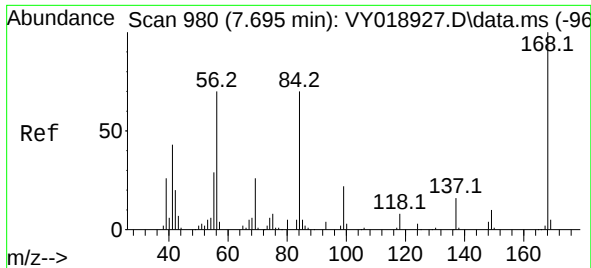
Tgt Ion:168 Resp: 46176
Ion Ratio Lower Upper
168 100
99 43.1 39.1 58.7



#16
Acetone
Concen: 15.470 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY019053.D
Acq: 14 Aug 2024 12:58

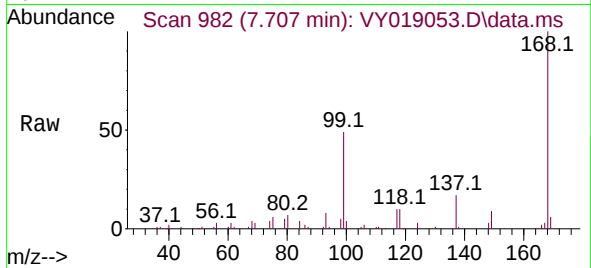
Tgt Ion: 43 Resp: 325
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



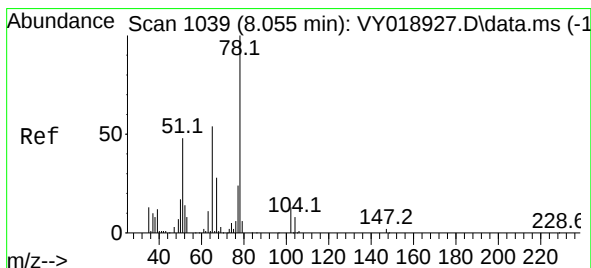
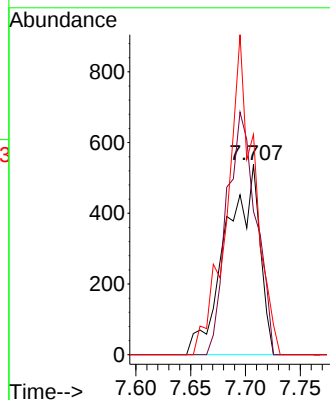
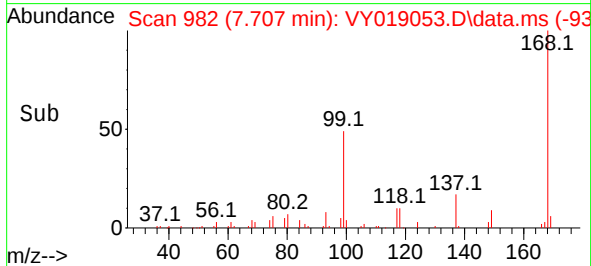


#31
Cyclohexane
Concen: Below Cal
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019053.D
Acq: 14 Aug 2024 12:58

Instrument :
MSVOA_Y
ClientSampleId :

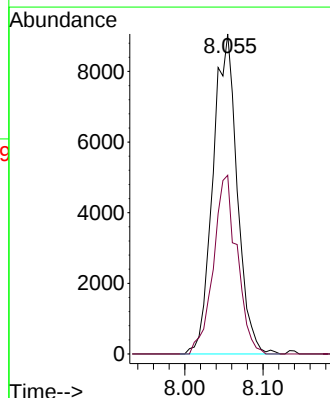
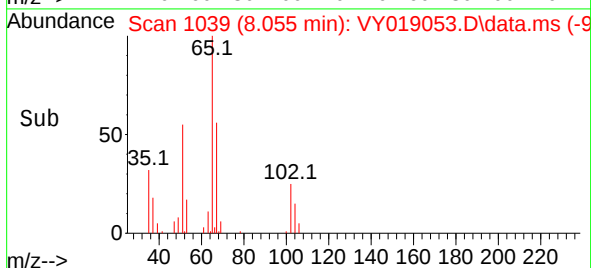
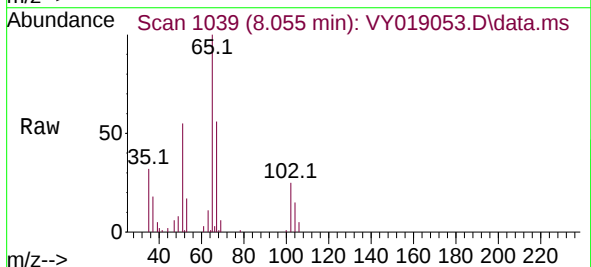


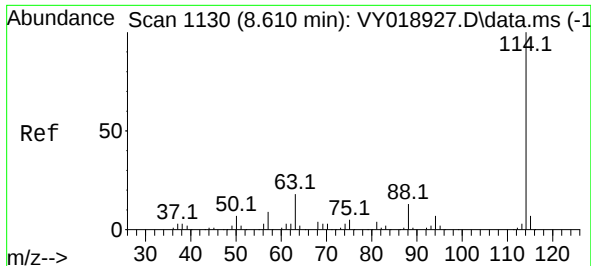
Tgt Ion: 56 Resp: 1145
Ion Ratio Lower Upper
56 100
69 75.3 28.7 43.1#
84 115.8 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 48.034 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019053.D
Acq: 14 Aug 2024 12:58

Tgt Ion: 65 Resp: 19474
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019053.D

Acq: 14 Aug 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

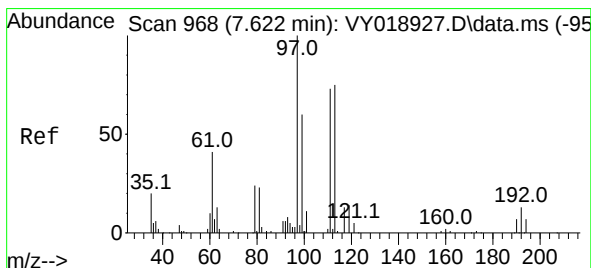
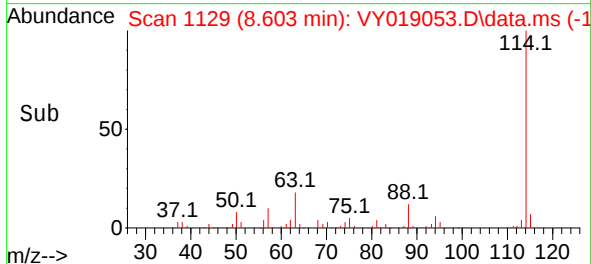
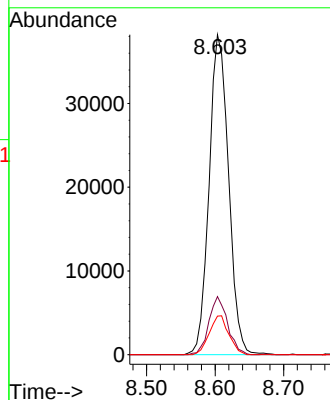
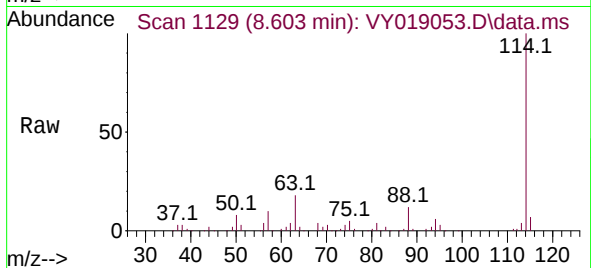
Tgt Ion:114 Resp: 75661

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 12.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.786 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019053.D

Acq: 14 Aug 2024 12:58

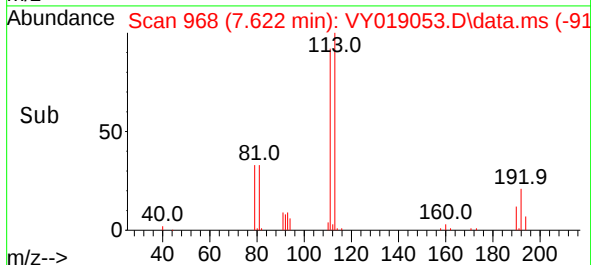
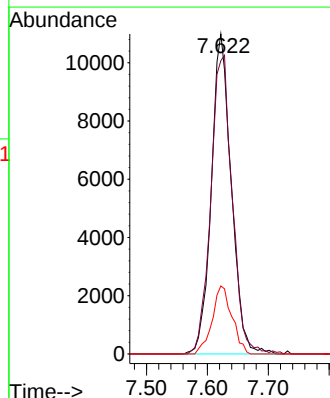
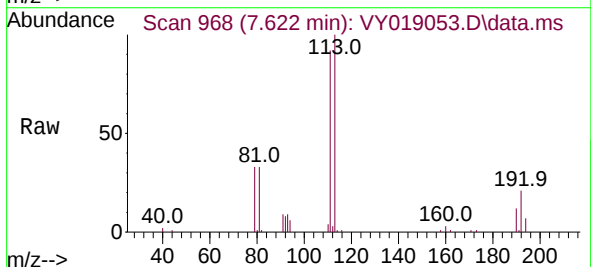
Tgt Ion:113 Resp: 25025

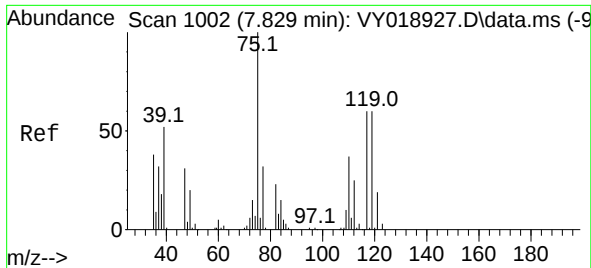
Ion Ratio Lower Upper

113 100

111 99.6 82.2 123.4

192 21.0 15.9 23.9

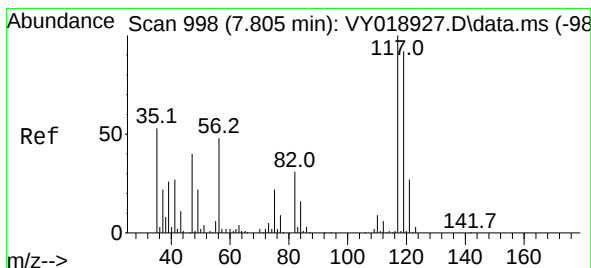
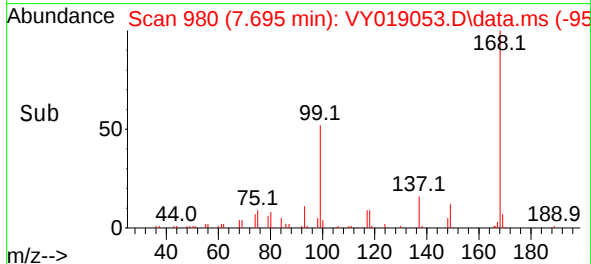
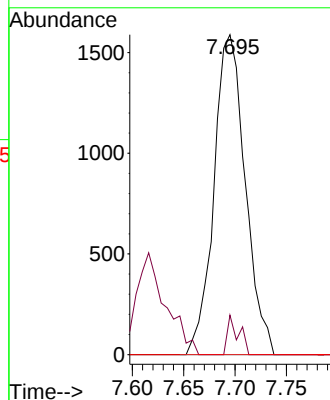
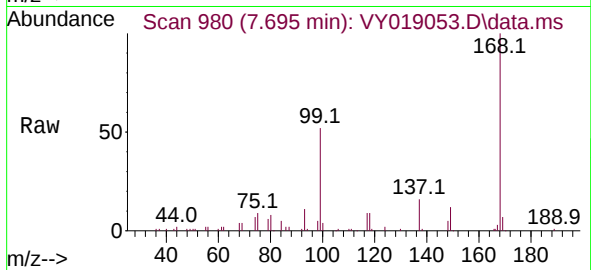




#36
1,1-Dichloropropene
Concen: 5.186 ug/l
RT: 7.695 min Scan# 90
Delta R.T. -0.134 min
Lab File: VY019053.D
Acq: 14 Aug 2024 12:58

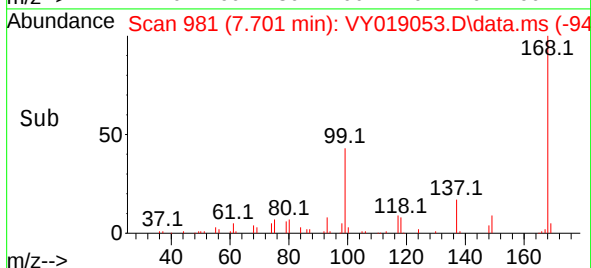
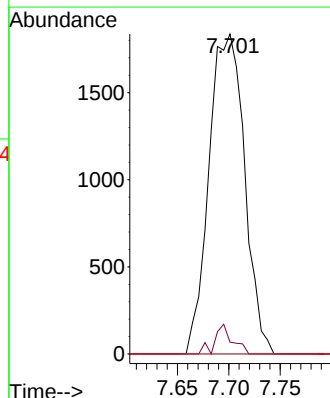
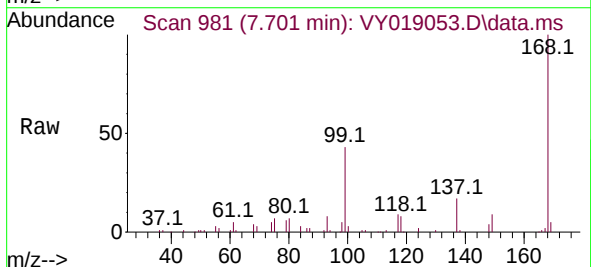
Instrument :
MSVOA_Y
ClientSampleId :

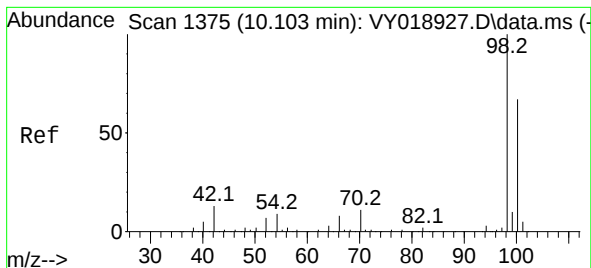
Tgt Ion: 75 Resp: 3364
Ion Ratio Lower Upper
75 100
110 4.4 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.945 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY019053.D
Acq: 14 Aug 2024 12:58

Tgt Ion:117 Resp: 4422
Ion Ratio Lower Upper
117 100
119 3.7 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 45.482 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019053.D

Acq: 14 Aug 2024 12:58

Instrument :

MSVOA_Y

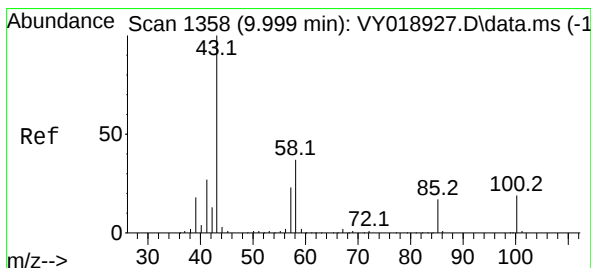
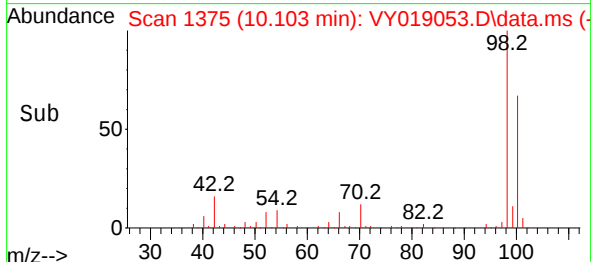
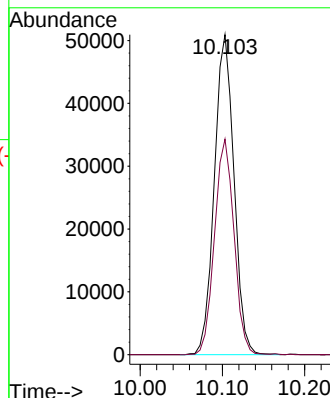
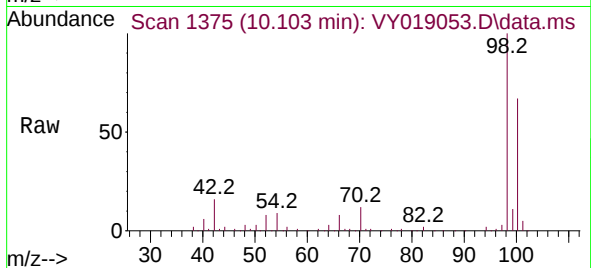
ClientSampleId :

Tgt Ion: 98 Resp: 84420

Ion Ratio Lower Upper

98 100

100 66.9 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.470 ug/l

RT: 10.097 min Scan# 1374

Delta R.T. 0.098 min

Lab File: VY019053.D

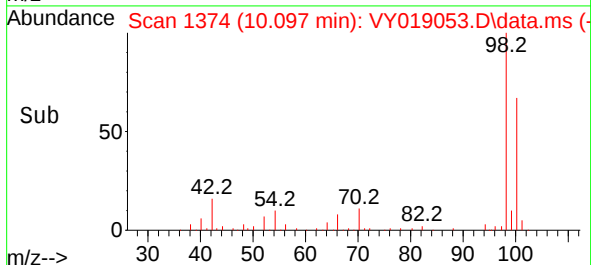
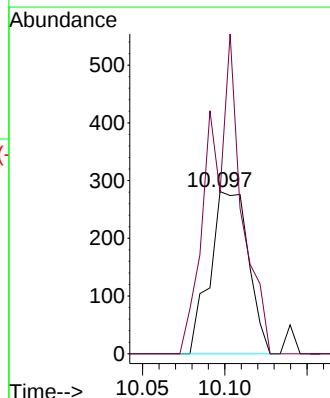
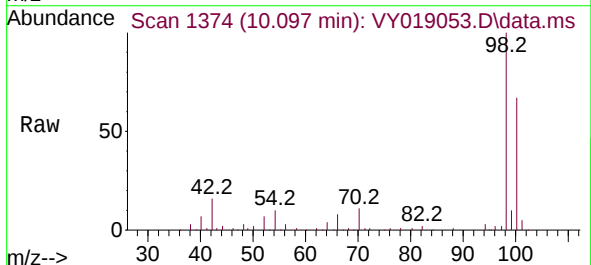
Acq: 14 Aug 2024 12:58

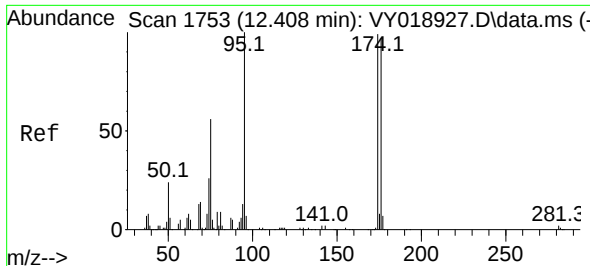
Tgt Ion: 43 Resp: 457

Ion Ratio Lower Upper

43 100

58 162.6 35.7 53.5#





#62

4-Bromofluorobenzene

Concen: 27.591 ug/l

RT: 12.408 min Scan# 1

Delta R.T. -0.000 min

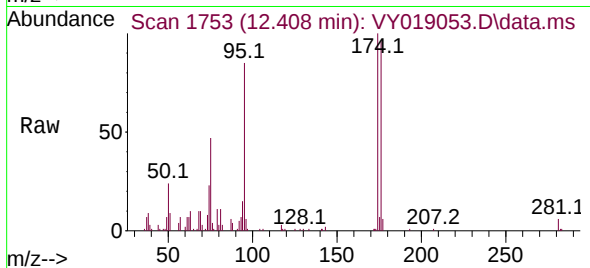
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Acq: 14 Aug 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :



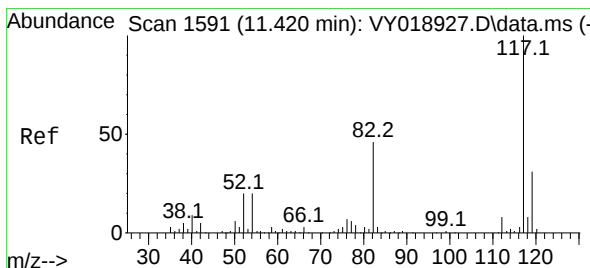
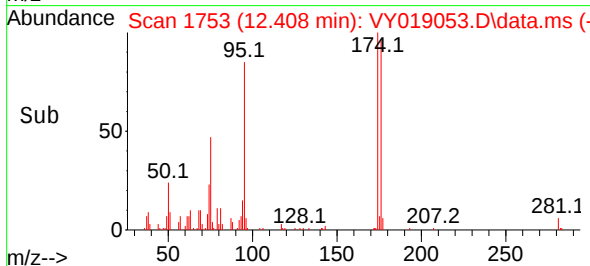
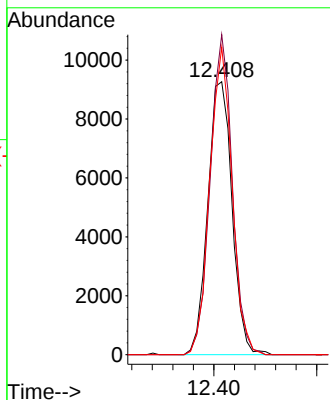
Tgt Ion: 95 Resp: 15194

Ion Ratio Lower Upper

95 100

174 106.8 0.0 175.6

176 103.8 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY019053.D

Acq: 14 Aug 2024 12:58

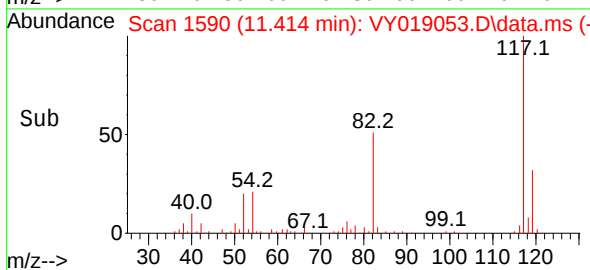
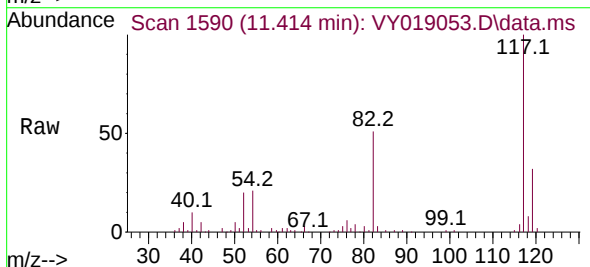
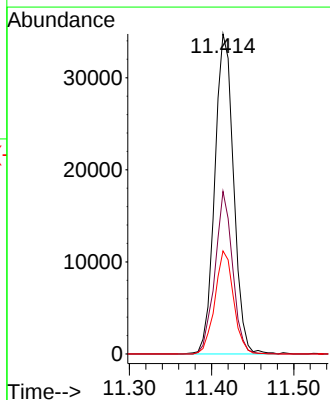
Tgt Ion: 117 Resp: 55325

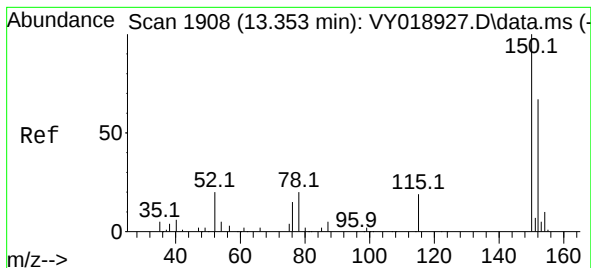
Ion Ratio Lower Upper

117 100

82 50.8 42.4 63.6

119 32.2 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019053.D

Acq: 14 Aug 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

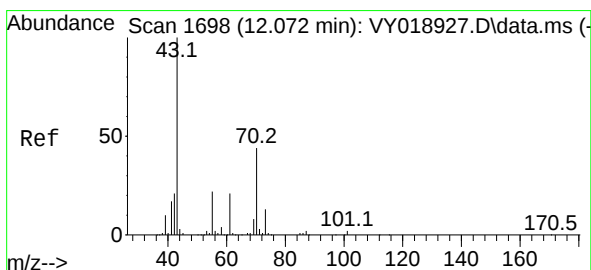
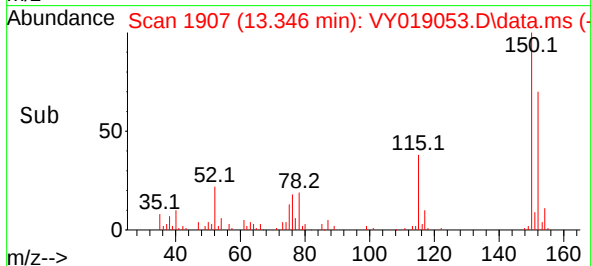
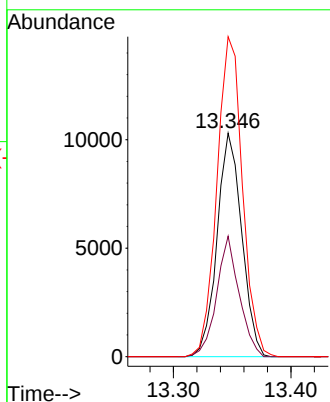
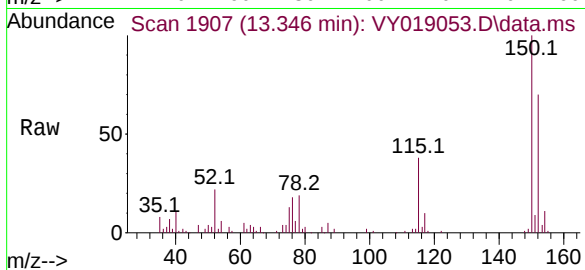
Tgt Ion:152 Resp: 15022

Ion Ratio Lower Upper

152 100

115 49.3 28.2 84.7

150 148.3 0.0 345.6



#74

N-ethyl acetate

Concen: 1.045 ug/l

RT: 12.036 min Scan# 1692

Delta R.T. -0.037 min

Lab File: VY019053.D

Acq: 14 Aug 2024 12:58

Tgt Ion: 43 Resp: 263

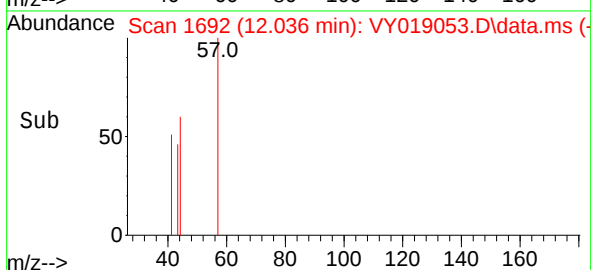
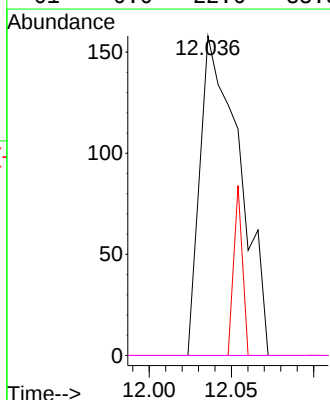
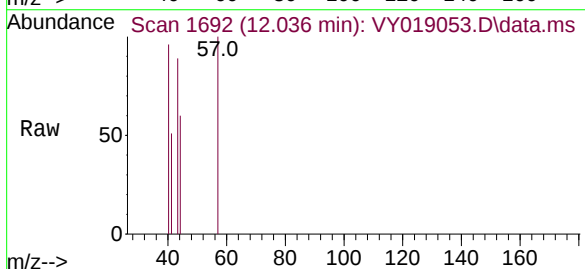
Ion Ratio Lower Upper

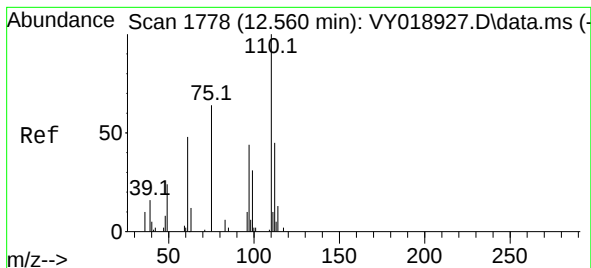
43 100

70 0.0 41.4 62.2#

55 11.8 23.3 34.9#

61 0.0 22.6 33.8#





#76

1,2,3-Trichloropropane

Concen: 79.089 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.159 min

Lab File: VY019053.D

Acq: 14 Aug 2024 12:58

Instrument :

MSVOA_Y

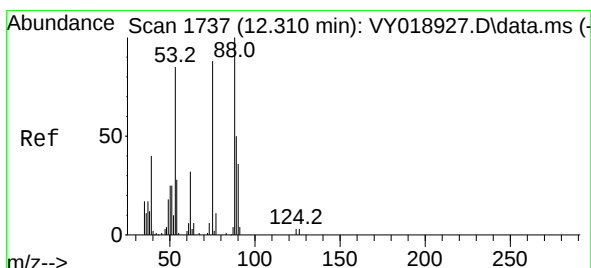
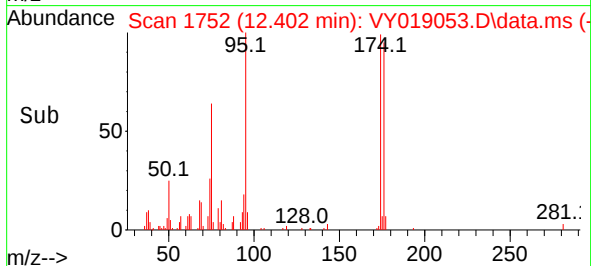
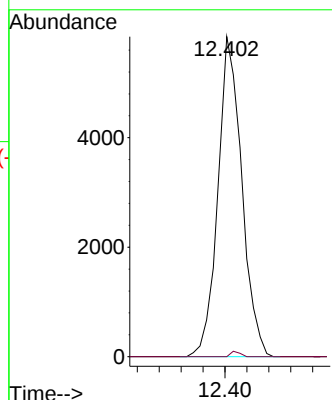
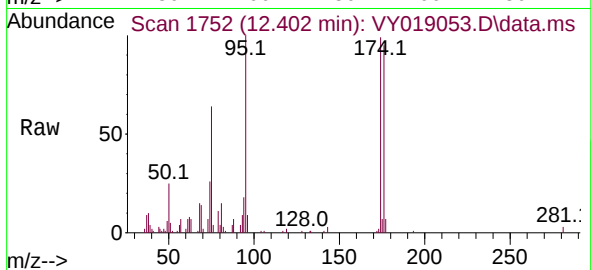
ClientSampleId :

Tgt Ion: 75 Resp: 8851

Ion Ratio Lower Upper

75 100

77 0.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 162.971 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.091 min

Lab File: VY019053.D

Acq: 14 Aug 2024 12:58

Tgt Ion: 75 Resp: 8851

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

