

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019212.D
 Acq On : 22 Aug 2024 11:52
 Operator : SY/MD
 Sample : VY0822SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 01:49:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

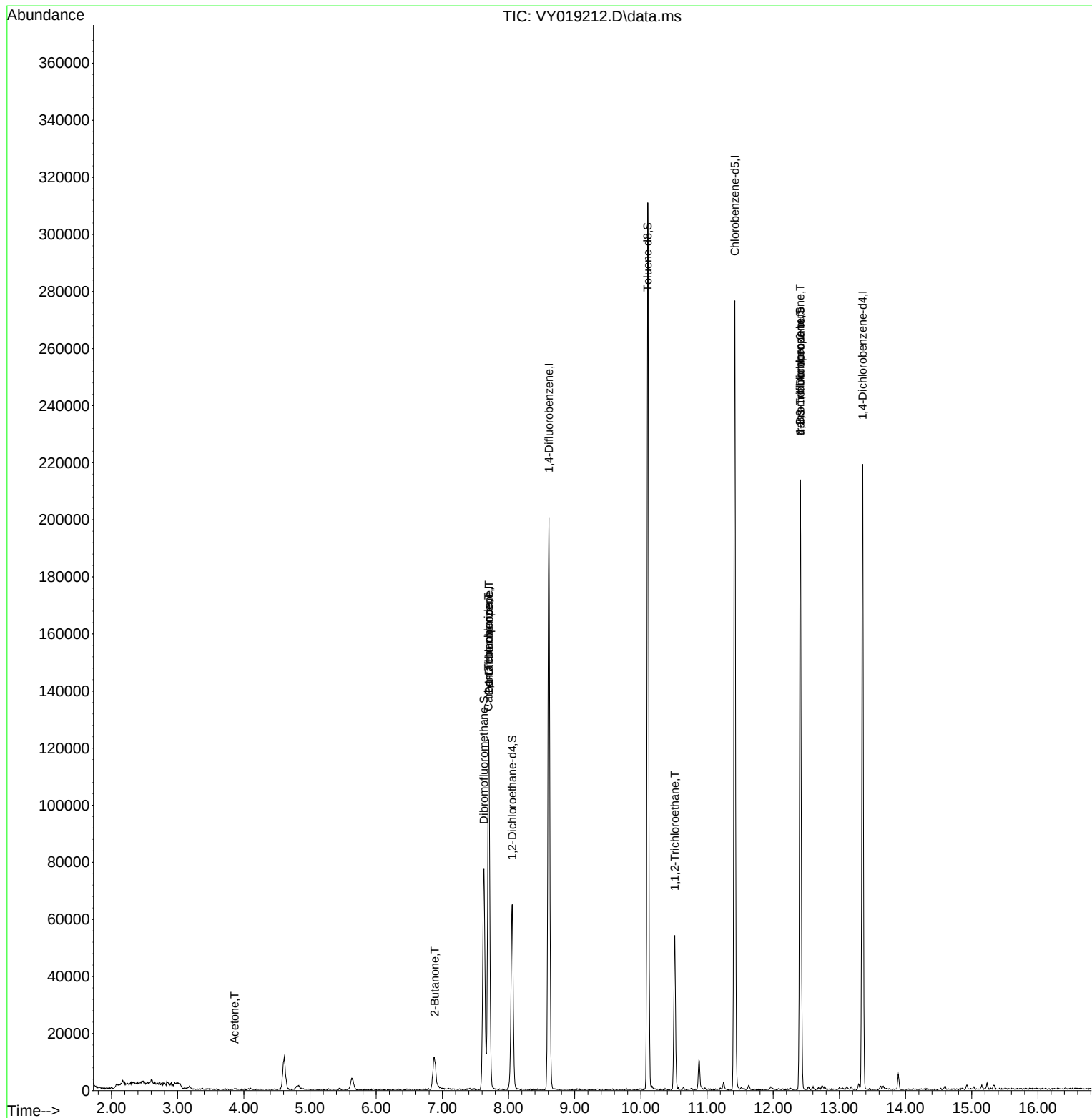
Internal Standards						
1) Pentafluorobenzene	7.701	168	98791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	175566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	153759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	55761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	49487	49.972	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.940%
35) Dibromofluoromethane	7.628	113	55227	48.109	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.220%
50) Toluene-d8	10.103	98	194308	47.035	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.080%
62) 4-Bromofluorobenzene	12.408	95	58505	41.543	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.080%
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	684	Below Cal	#	67
6) Chloroethane	2.848	64	20	Below Cal	#	42
11) Tert butyl alcohol	4.830	59	2014	Below Cal	#	88
13) Acrolein	3.653	56	25	Below Cal	#	15
16) Acetone	3.860	43	211	1.149	ug/l #	36
20) Methylene Chloride	4.610	84	8222	Below Cal		88
25) 2-Butanone	6.884	43	612	2.069	ug/l #	41
31) Cyclohexane	7.701	56	2195	Below Cal	#	54
36) 1,1-Dichloropropene	7.701	75	7569	4.802	ug/l #	49
38) Carbon Tetrachloride	7.695	117	9662	5.289	ug/l #	15
55) 1,1,2-Trichloroethane	10.512	97	1013	1.126	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	30947	56.277	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	30947	138.985	ug/l #	16

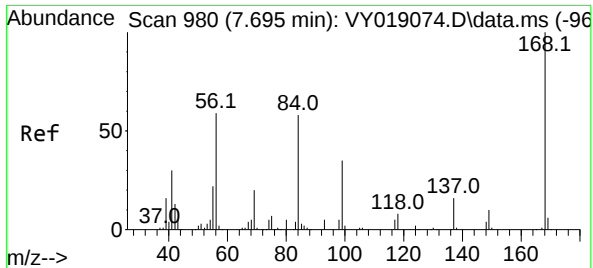
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
Data File : VY019212.D
Acq On : 22 Aug 2024 11:52
Operator : SY/MD
Sample : VY08222SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 23 01:49:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

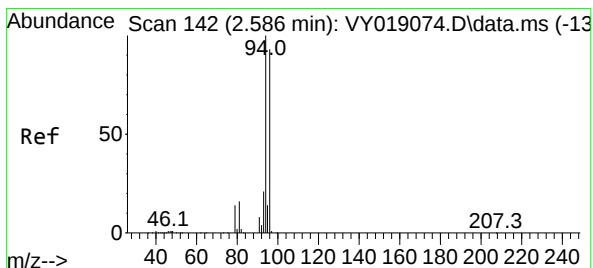
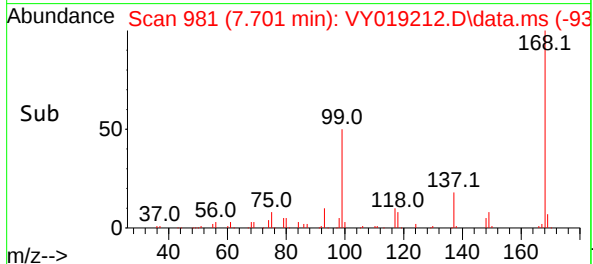
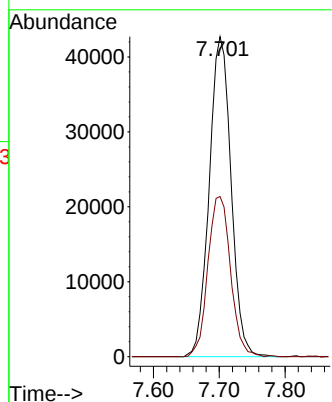
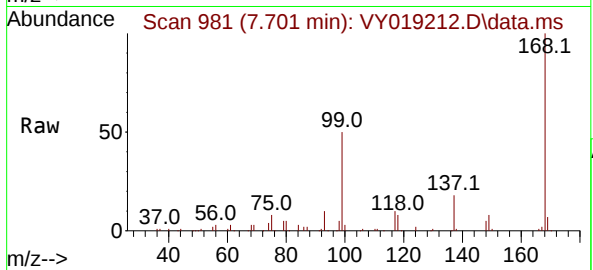




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019212.D
Acq: 22 Aug 2024 11:52

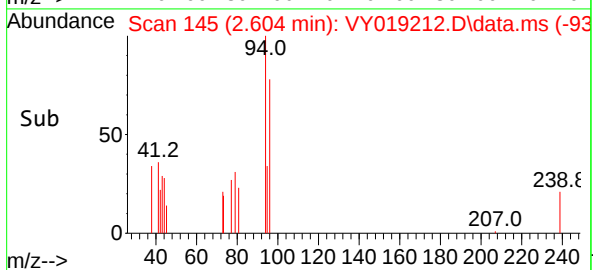
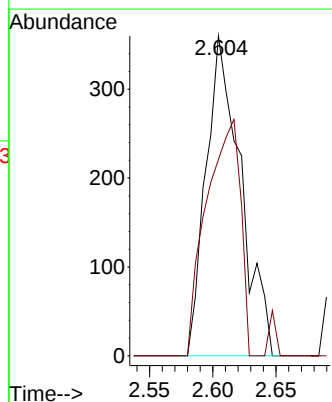
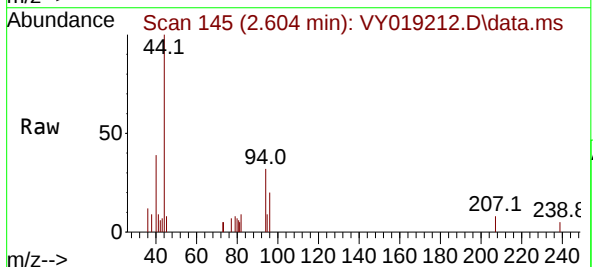
Instrument :
MSVOA_Y
ClientSampleId :

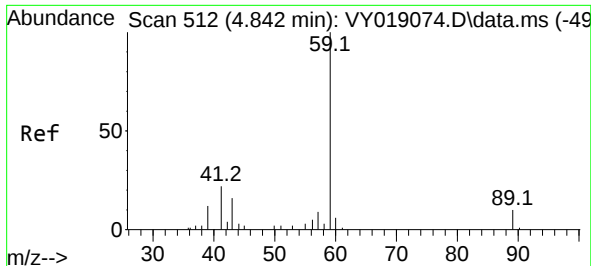
Tgt Ion:168 Resp: 98791
Ion Ratio Lower Upper
168 100
99 50.1 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019212.D
Acq: 22 Aug 2024 11:52

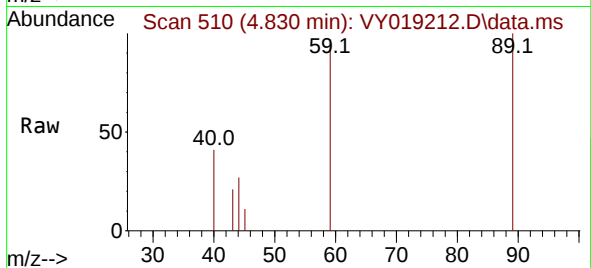
Tgt Ion: 94 Resp: 684
Ion Ratio Lower Upper
94 100
96 61.4 74.1 111.1#



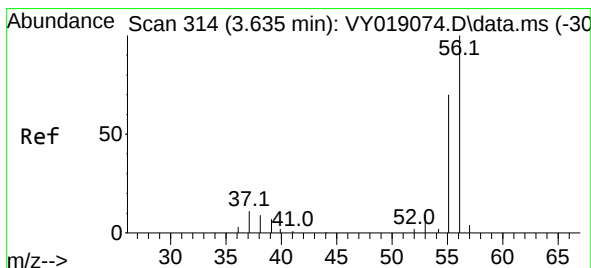
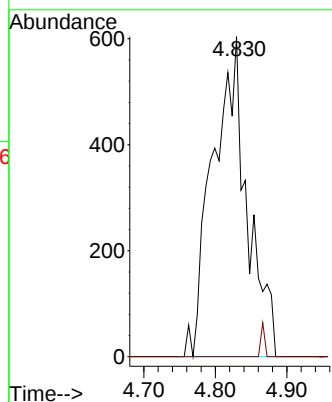
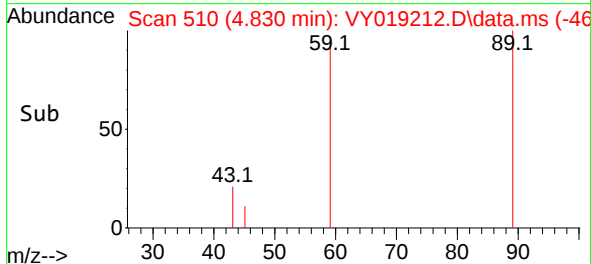


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.830 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY019212.D
Acq: 22 Aug 2024 11:52

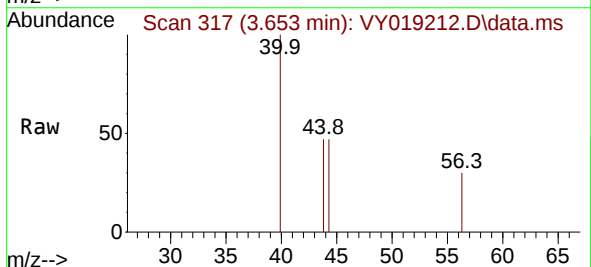
Instrument :
MSVOA_Y
ClientSampleId :



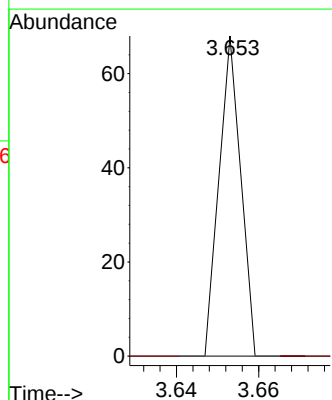
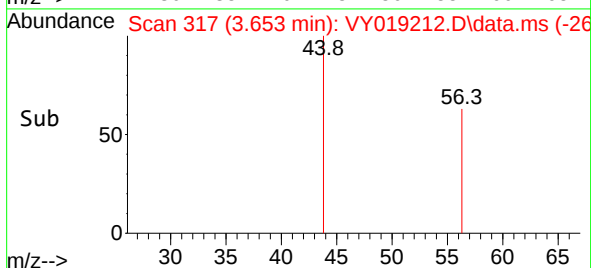
Tgt Ion: 59 Resp: 2014
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

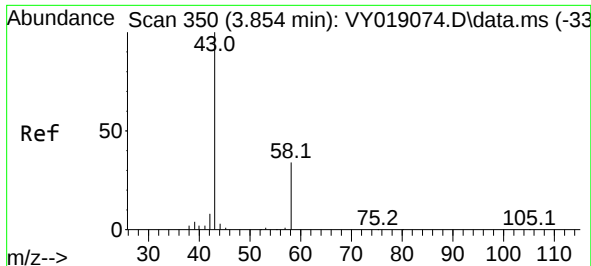


#13
Acrolein
Concen: Below Cal
RT: 3.653 min Scan# 317
Delta R.T. 0.018 min
Lab File: VY019212.D
Acq: 22 Aug 2024 11:52



Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#

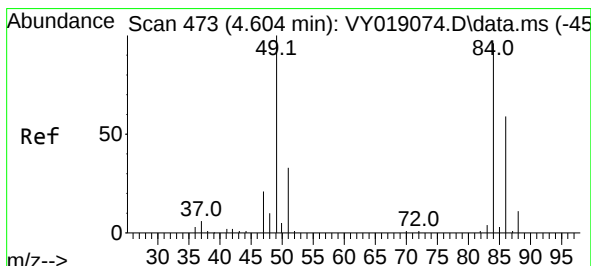
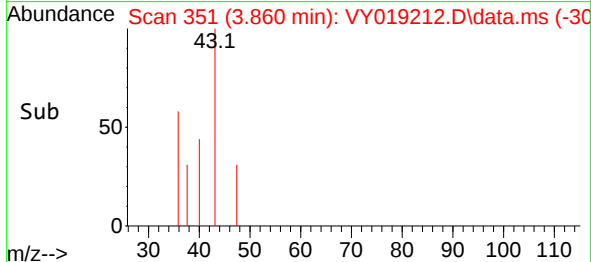
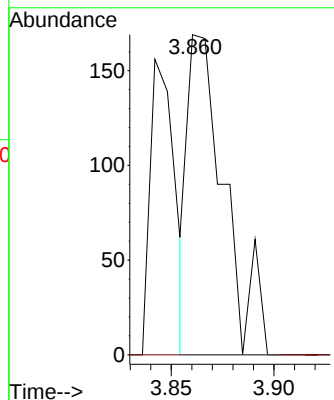
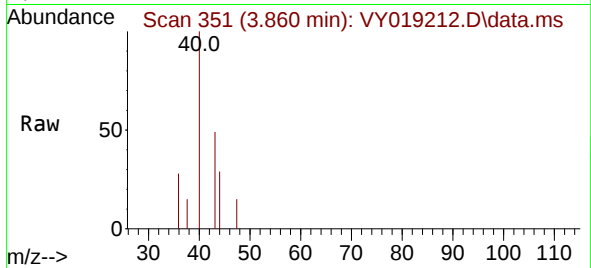




#16
Acetone
Concen: 1.149 ug/l
RT: 3.860 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY019212.D
Acq: 22 Aug 2024 11:52

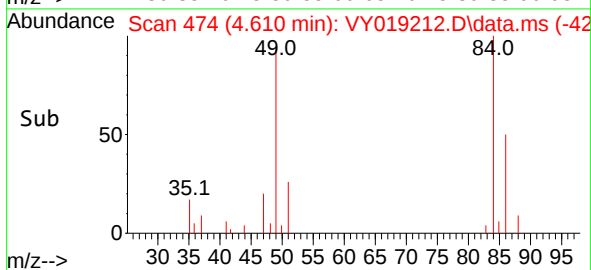
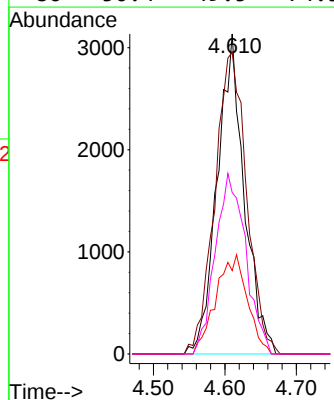
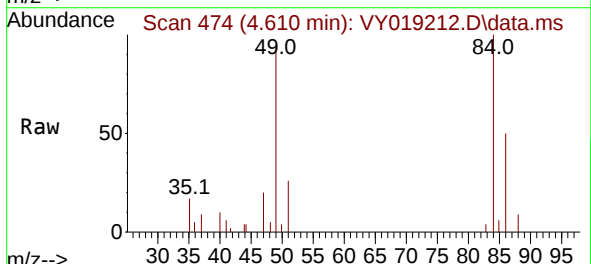
Instrument :
MSVOA_Y
ClientSampleId :

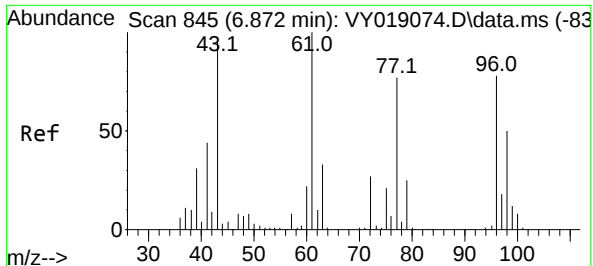
Tgt Ion: 43 Resp: 211
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY019212.D
Acq: 22 Aug 2024 11:52

Tgt Ion: 84 Resp: 8222
Ion Ratio Lower Upper
84 100
49 94.3 84.4 126.6
51 26.0 26.0 39.0
86 50.4 49.5 74.3





#25

2-Butanone

Concen: 2.069 ug/l

RT: 6.884 min Scan# 845

Delta R.T. 0.012 min

Lab File: VY019212.D

Acq: 22 Aug 2024 11:52

Instrument :

MSVOA_Y

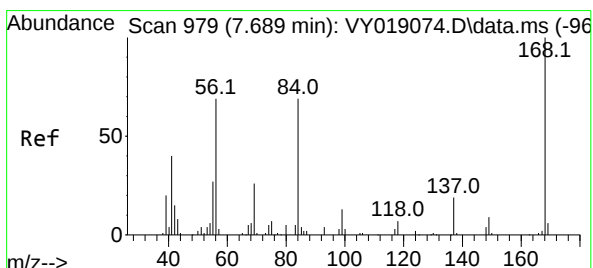
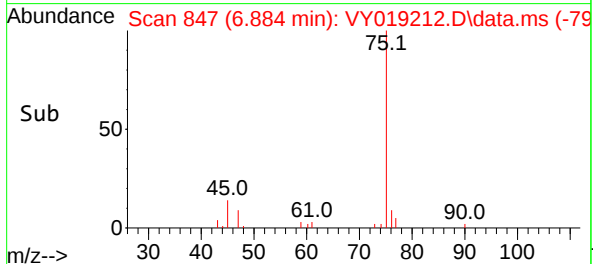
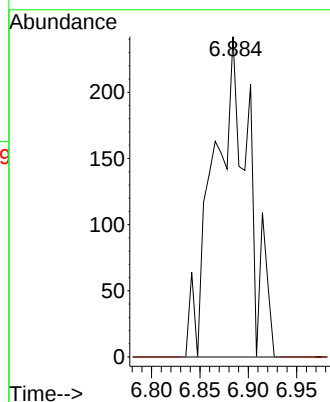
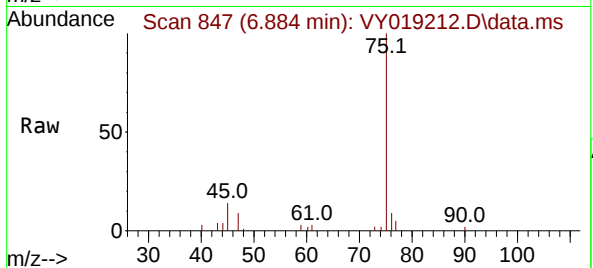
ClientSampleId :

Tgt Ion: 43 Resp: 612

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: Below Cal

RT: 7.701 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY019212.D

Acq: 22 Aug 2024 11:52

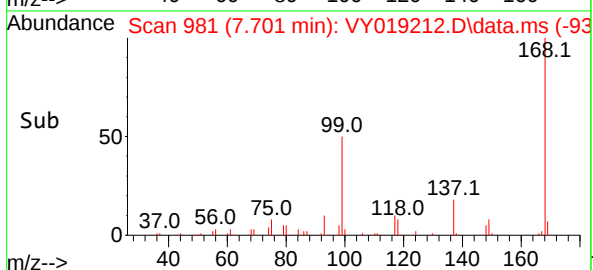
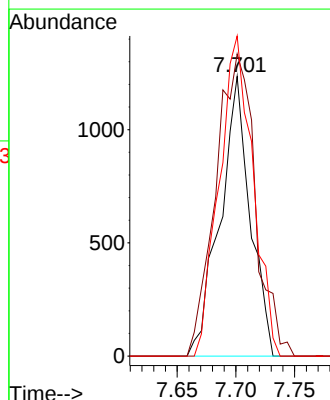
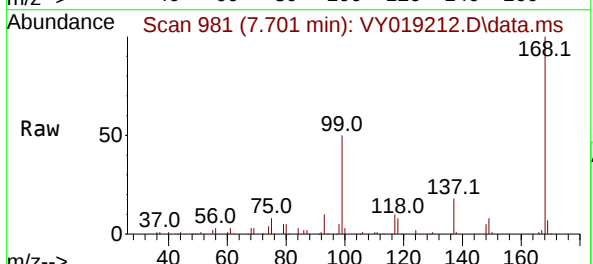
Tgt Ion: 56 Resp: 2195

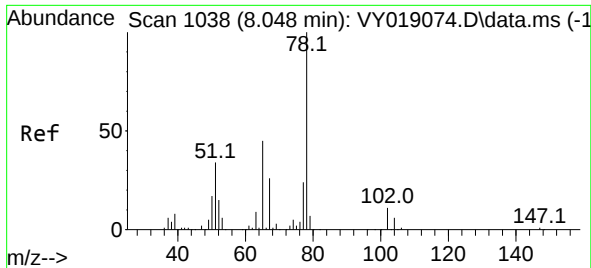
Ion Ratio Lower Upper

56 100

69 108.1 28.7 43.1#

84 114.5 77.7 116.5

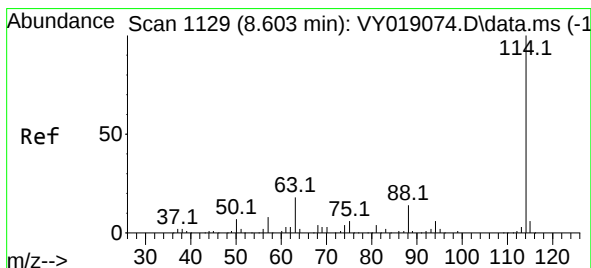
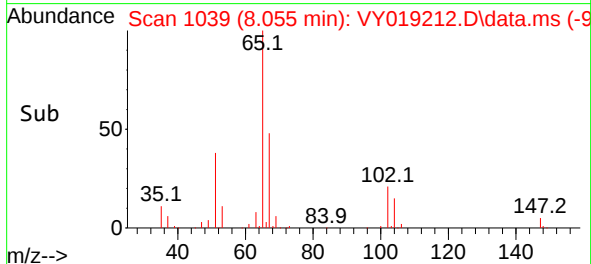
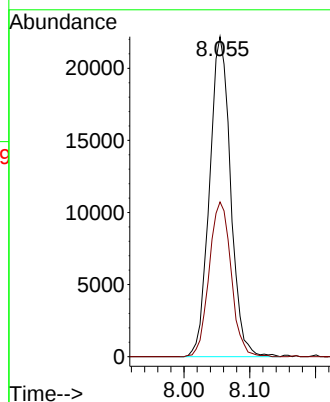
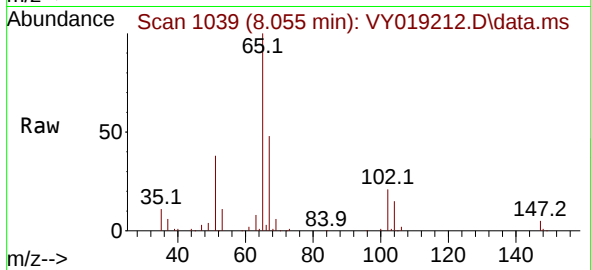




#33
1,2-Dichloroethane-d4
Concen: 49.972 ug/l
RT: 8.055 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VY019212.D
Acq: 22 Aug 2024 11:52

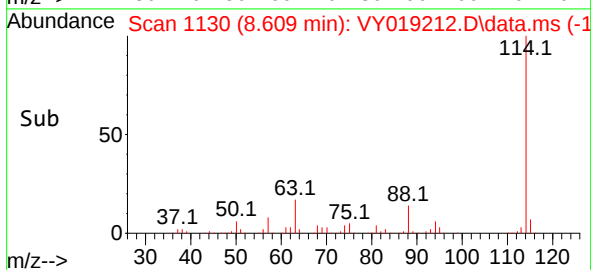
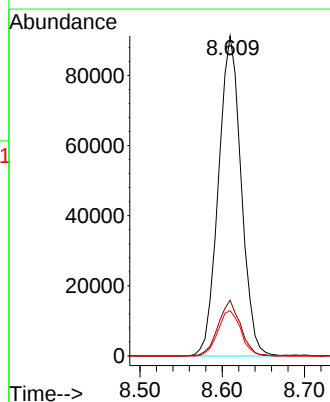
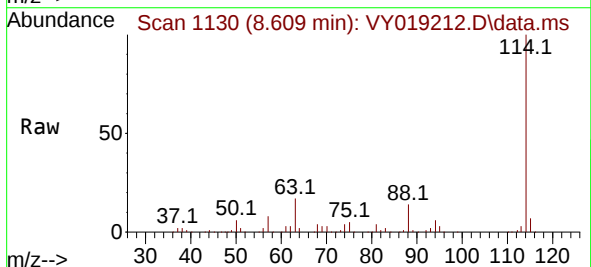
Instrument :
MSVOA_Y
ClientSampleId :

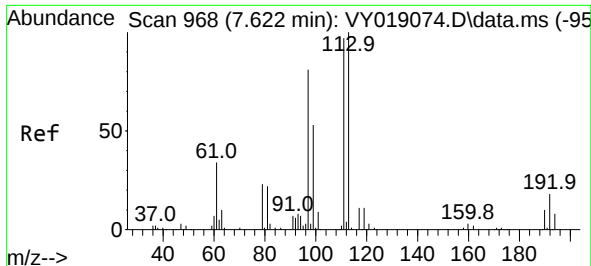
Tgt Ion: 65 Resp: 49487
Ion Ratio Lower Upper
65 100
67 50.4 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY019212.D
Acq: 22 Aug 2024 11:52

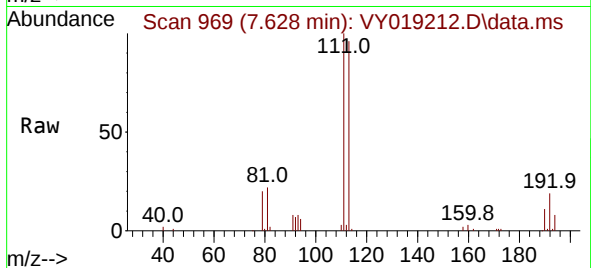
Tgt Ion:114 Resp: 175566
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.0
88 14.2 0.0 27.2



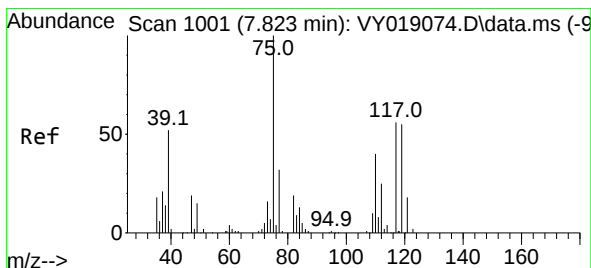
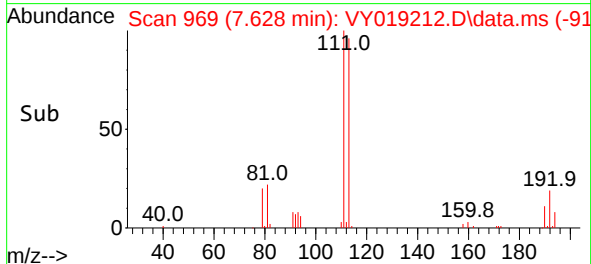
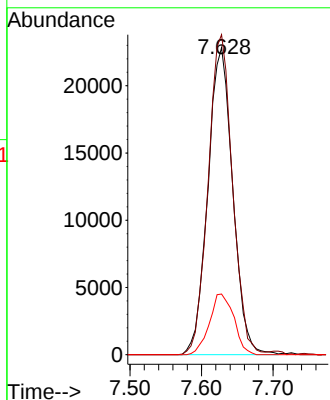


#35
Dibromofluoromethane
Concen: 48.109 ug/l
RT: 7.628 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY019212.D
Acq: 22 Aug 2024 11:52

Instrument :
MSVOA_Y
ClientSampleId :

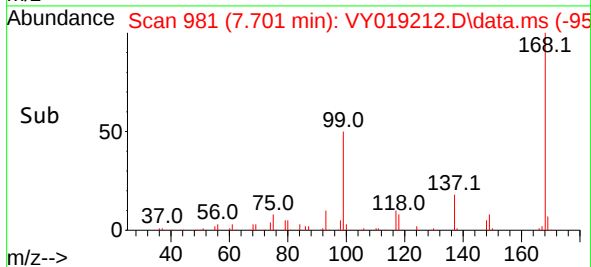
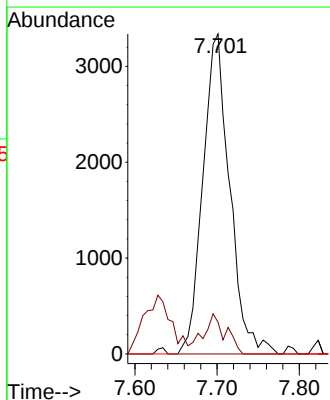
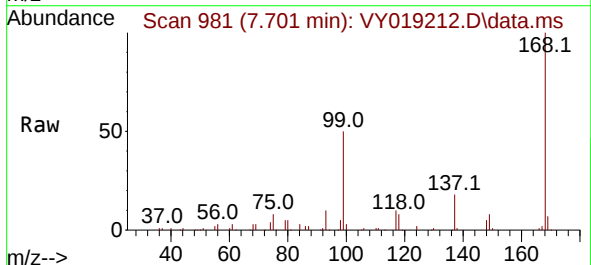


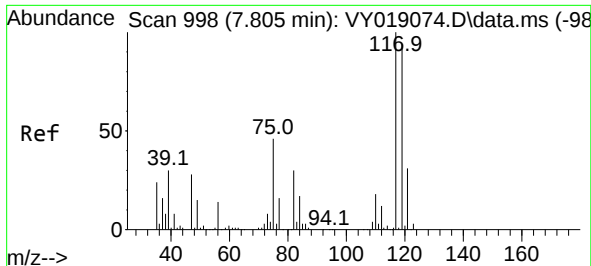
Tgt Ion:113 Resp: 55227
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 19.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.802 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019212.D
Acq: 22 Aug 2024 11:52

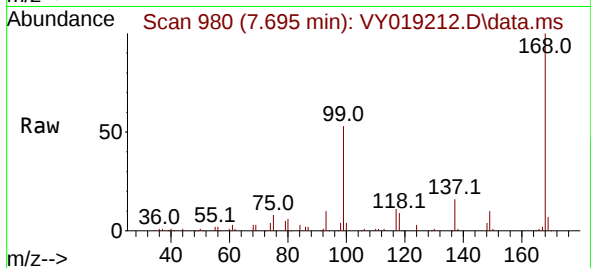
Tgt Ion: 75 Resp: 7569
Ion Ratio Lower Upper
75 100
110 10.5 19.0 57.0#
77 0.0 25.3 37.9#



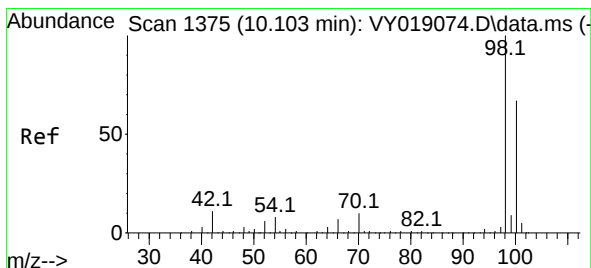
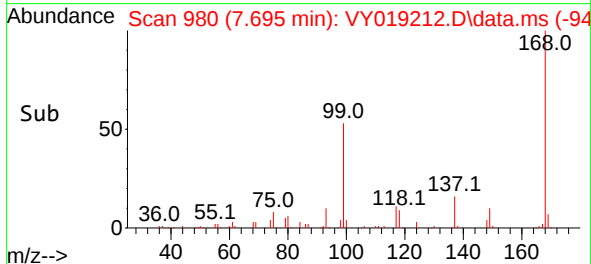
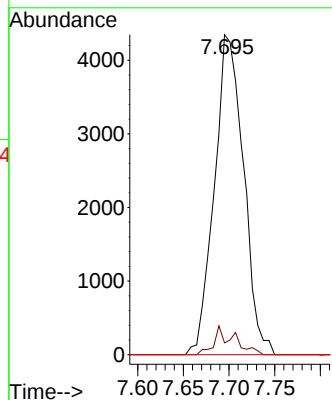


#38
Carbon Tetrachloride
Concen: 5.289 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019212.D
Acq: 22 Aug 2024 11:52

Instrument :
MSVOA_Y
ClientSampleId :

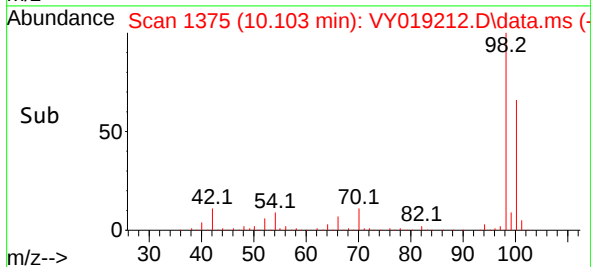
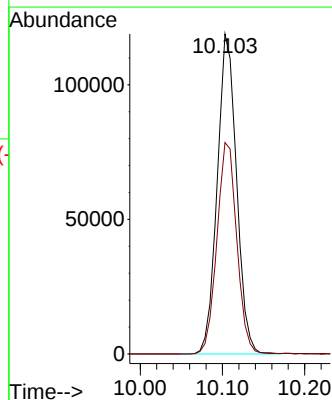
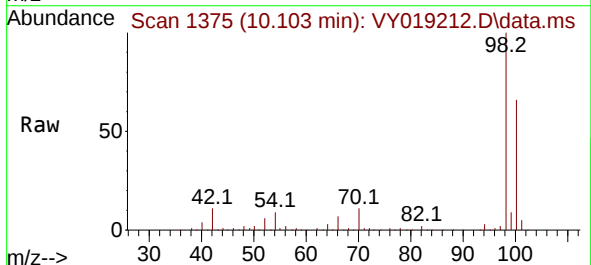


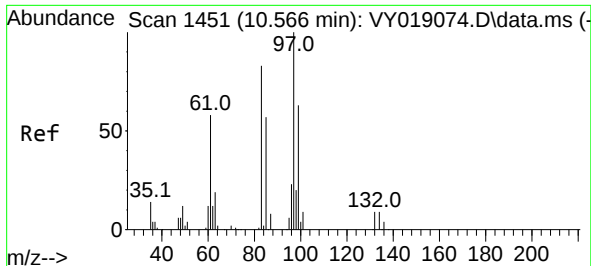
Tgt Ion:117 Resp: 9662
Ion Ratio Lower Upper
117 100
119 3.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.035 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019212.D
Acq: 22 Aug 2024 11:52

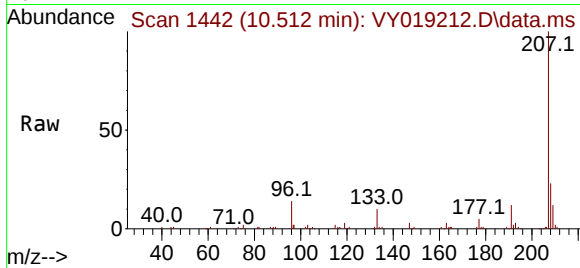
Tgt Ion: 98 Resp: 194308
Ion Ratio Lower Upper
98 100
100 67.9 52.0 78.0



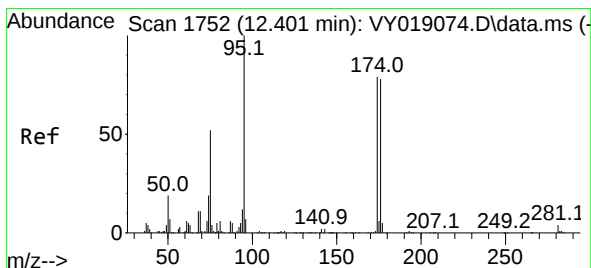
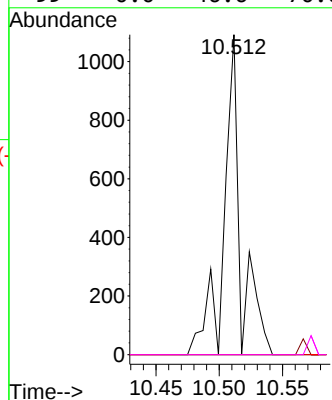
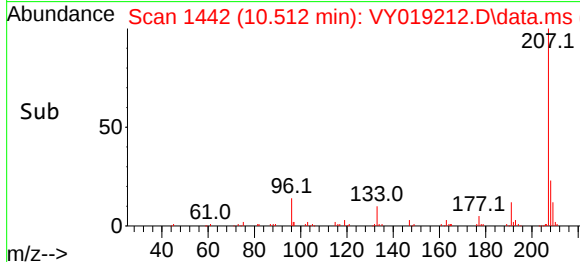


#55
1,1,2-Trichloroethane
Concen: 1.126 ug/l
RT: 10.512 min Scan# 1451
Delta R.T. -0.055 min
Lab File: VY019212.D
Acq: 22 Aug 2024 11:52

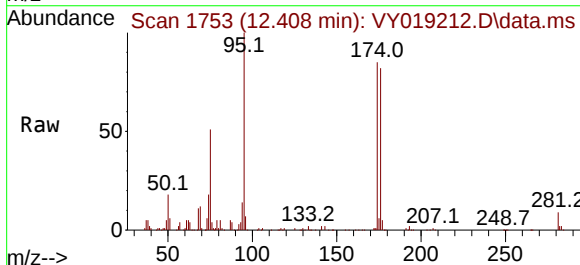
Instrument :
MSVOA_Y
ClientSampleId :



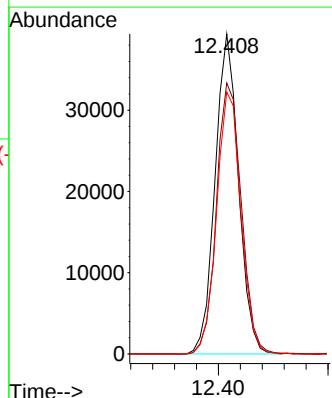
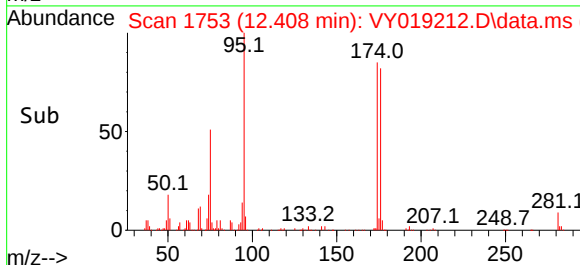
Tgt Ion	Ratio	Lower	Upper
97	100		
83	0.0	67.5	101.3#
85	0.0	42.9	64.3#
99	0.0	46.6	70.0#

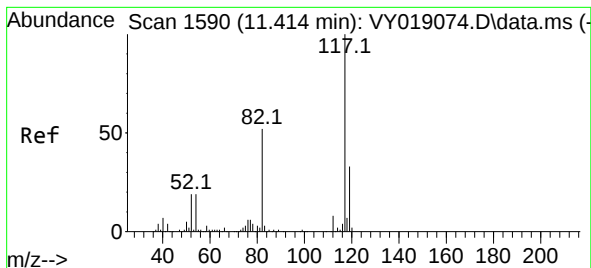


#62
4-Bromofluorobenzene
Concen: 41.543 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019212.D
Acq: 22 Aug 2024 11:52



Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	175.6
176	84.9	0.0	171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019212.D

Acq: 22 Aug 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

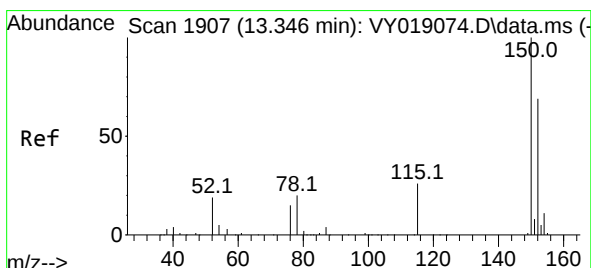
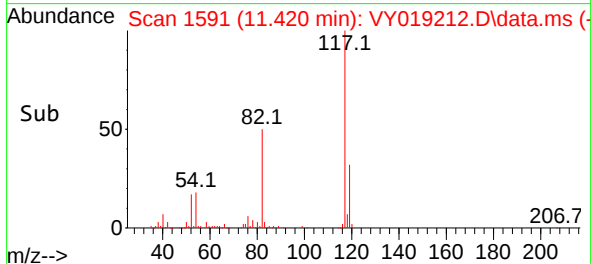
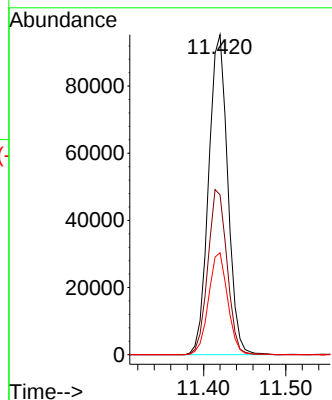
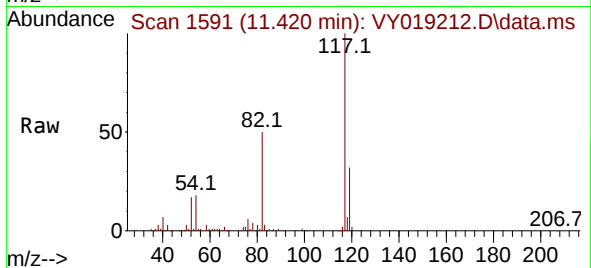
Tgt Ion:117 Resp: 153759

Ion Ratio Lower Upper

117 100

82 50.0 42.4 63.6

119 31.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019212.D

Acq: 22 Aug 2024 11:52

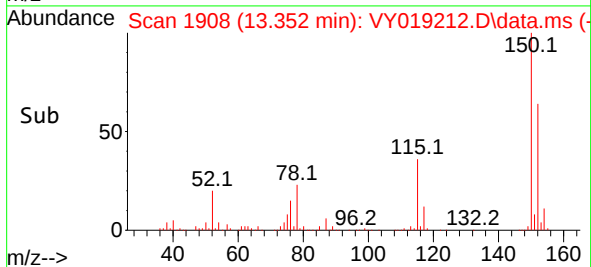
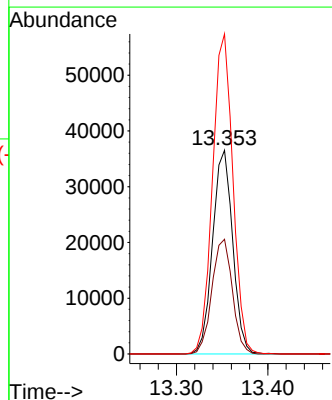
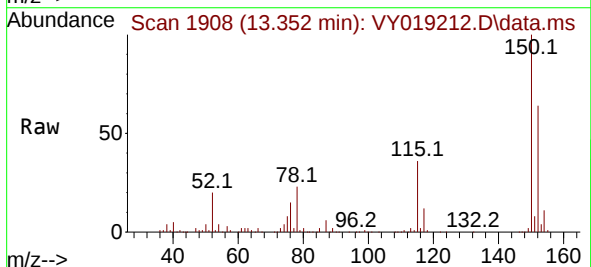
Tgt Ion:152 Resp: 55761

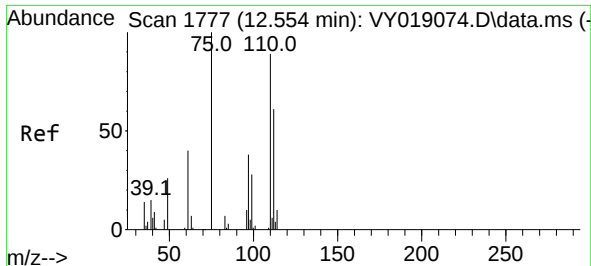
Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 158.9 0.0 345.6

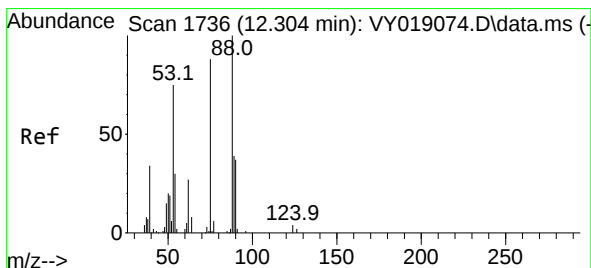
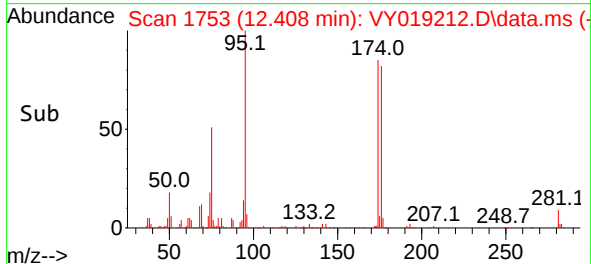
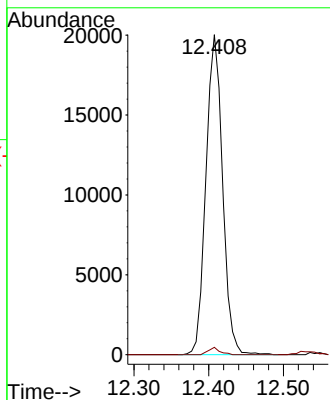
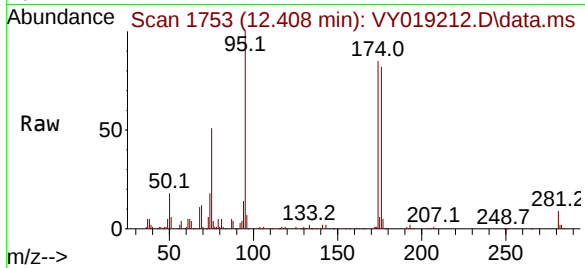




#76
1,2,3-Trichloropropane
Concen: 56.277 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019212.D
Acq: 22 Aug 2024 11:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 30947
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.985 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019212.D
Acq: 22 Aug 2024 11:52

Tgt Ion: 75 Resp: 30947
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

