

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019181.D
 Acq On : 21 Aug 2024 19:55
 Operator : SY/MD
 Sample : P3643-11
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

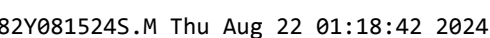
Quant Time: Aug 22 01:18:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

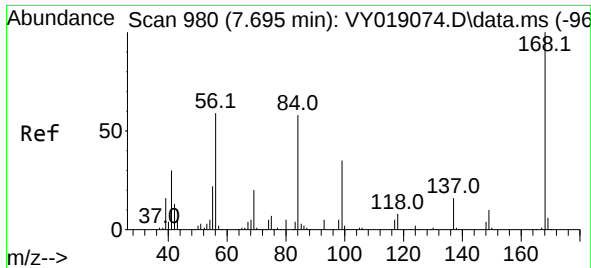
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	83278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	148447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	129201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	49896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	46089	55.210	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.420%	
35) Dibromofluoromethane	7.628	113	48791	50.267	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.540%	
50) Toluene-d8	10.103	98	165581	47.404	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.800%	
62) 4-Bromofluorobenzene	12.408	95	45207	37.965	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 75.940%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	251	Below Cal		91
6) Chloroethane	2.672	64	39	Below Cal	#	42
11) Tert butyl alcohol	4.818	59	768	Below Cal	#	88
13) Acrolein	3.367	56	20	Below Cal	#	15
16) Acetone	3.860	43	1834	11.846	ug/l #	72
20) Methylene Chloride	4.598	84	3132	Below Cal		85
25) 2-Butanone	6.890	43	1059	4.247	ug/l #	71
31) Cyclohexane	7.707	56	1829	Below Cal	#	34
36) 1,1-Dichloropropene	7.701	75	6483	4.864	ug/l #	43
37) Ethyl Acetate	6.890	43	1059	1.793	ug/l #	27
38) Carbon Tetrachloride	7.701	117	7935	5.137	ug/l #	19
51) 4-Methyl-2-Pentanone	10.103	43	924	1.458	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	23645	48.053	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	23645	118.674	ug/l #	16

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

Quant Time: Aug 22 01:18:32 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

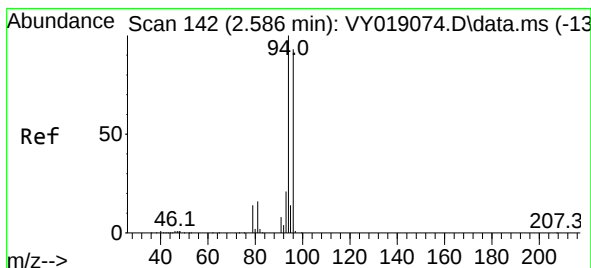
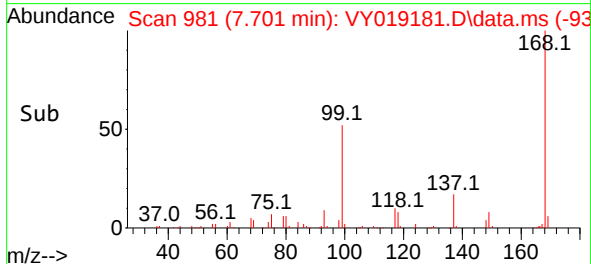
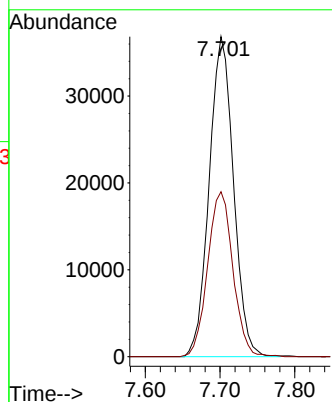
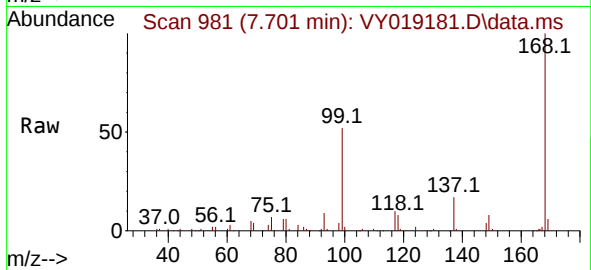




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019181.D
Acq: 21 Aug 2024 19:55

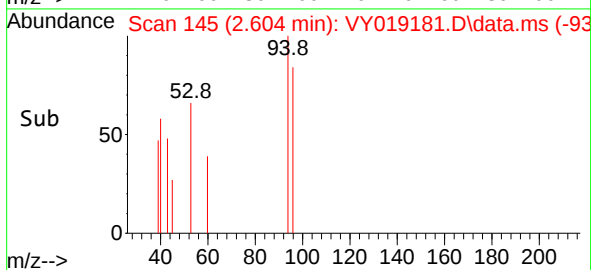
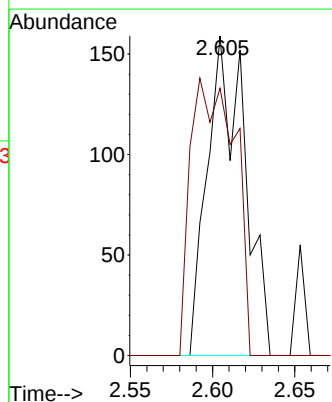
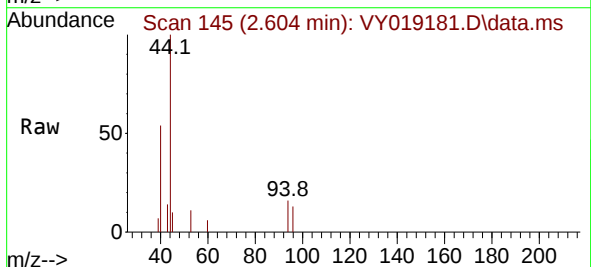
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 83278
Ion Ratio Lower Upper
168 100
99 51.6 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019181.D
Acq: 21 Aug 2024 19:55

Tgt Ion: 94 Resp: 251
Ion Ratio Lower Upper
94 100
96 83.6 74.1 111.1





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.818 min Scan# 50

Delta R.T. -0.024 min

Lab File: VY019181.D

Acq: 21 Aug 2024 19:55

Instrument :

MSVOA_Y

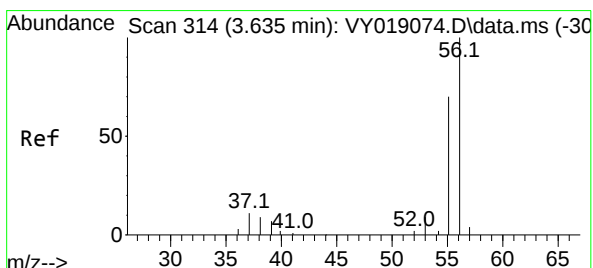
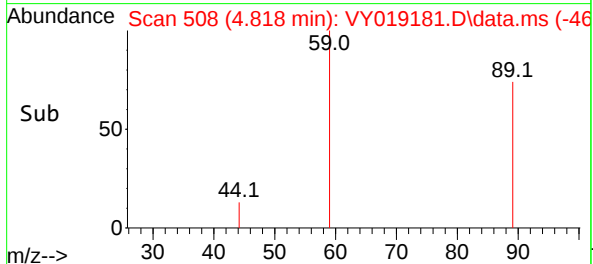
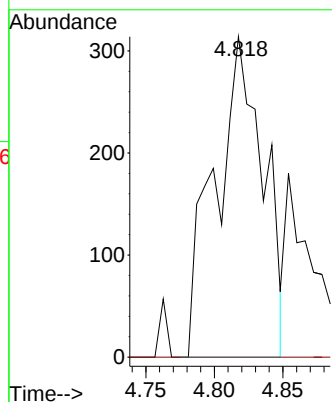
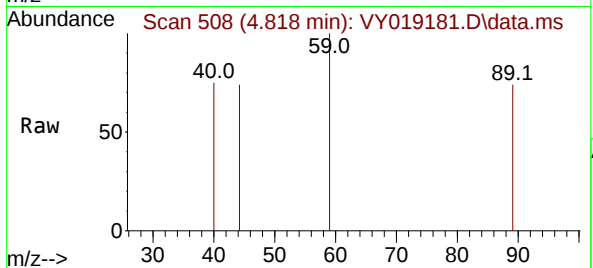
ClientSampleId :

Tgt Ion: 59 Resp: 768

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.367 min Scan# 270

Delta R.T. -0.268 min

Lab File: VY019181.D

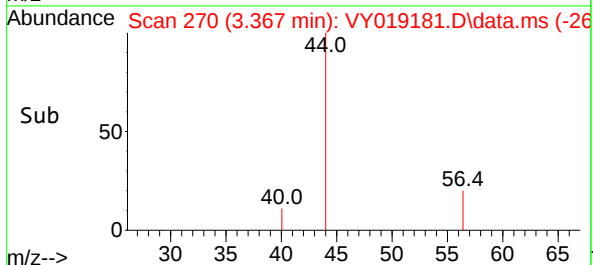
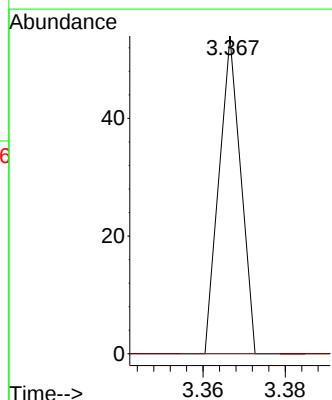
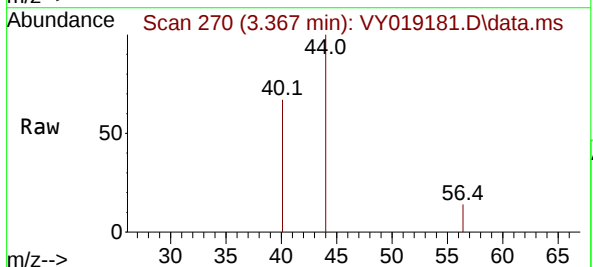
Acq: 21 Aug 2024 19:55

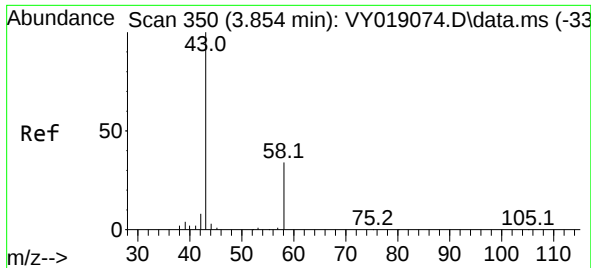
Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#





#16

Acetone

Concen: 11.846 ug/l

RT: 3.860 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY019181.D

Acq: 21 Aug 2024 19:55

Instrument :

MSVOA_Y

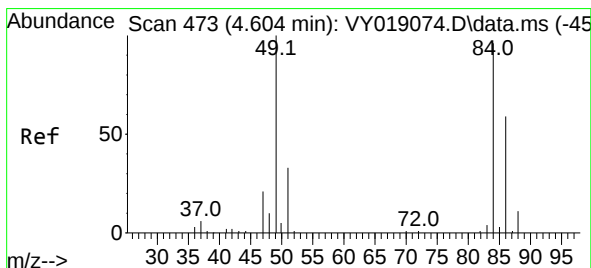
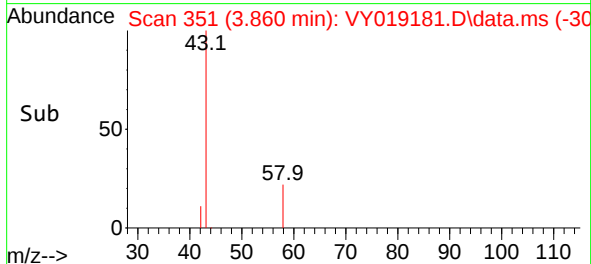
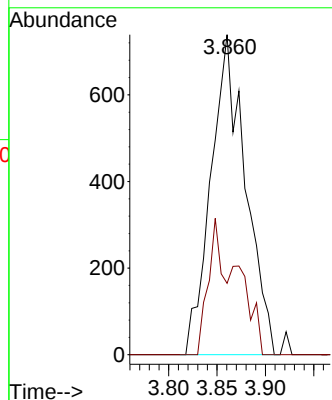
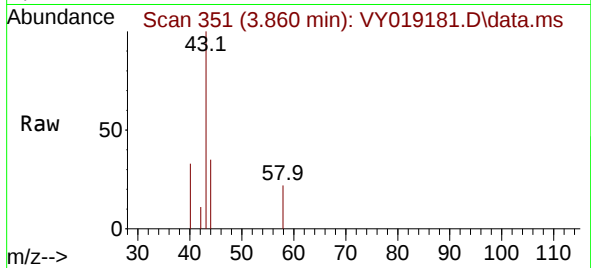
ClientSampleId :

Tgt Ion: 43 Resp: 1834

Ion Ratio Lower Upper

43 100

58 22.3 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.598 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY019181.D

Acq: 21 Aug 2024 19:55

Tgt Ion: 84 Resp: 3132

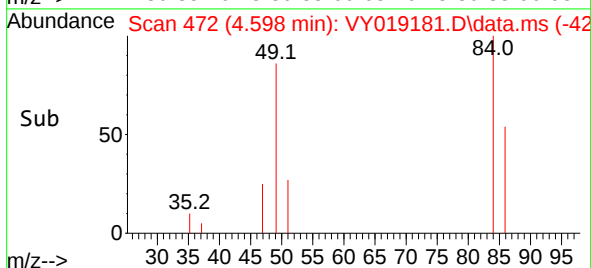
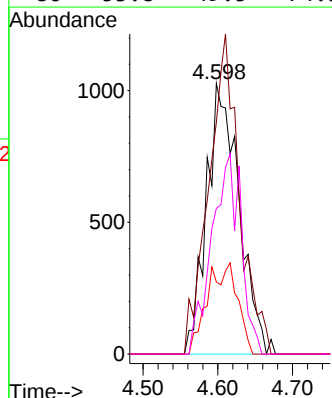
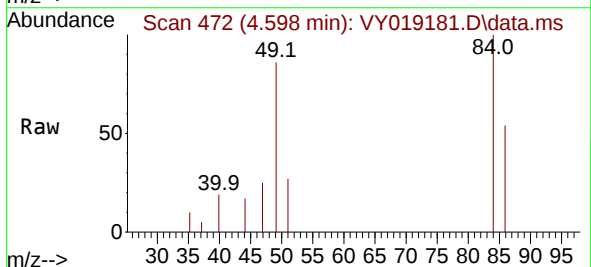
Ion Ratio Lower Upper

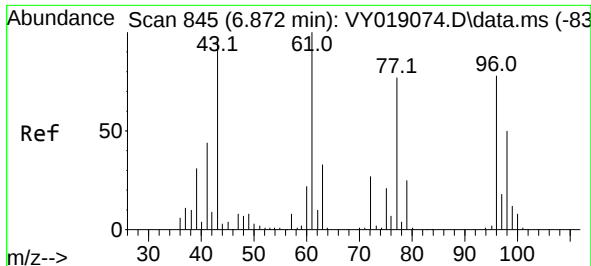
84 100

49 85.6 84.4 126.6

51 26.7 26.0 39.0

86 53.8 49.5 74.3

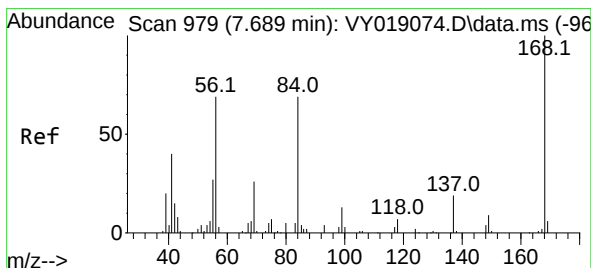
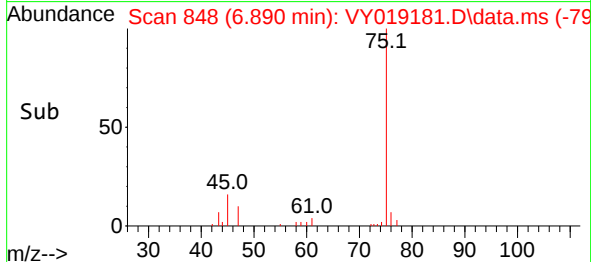
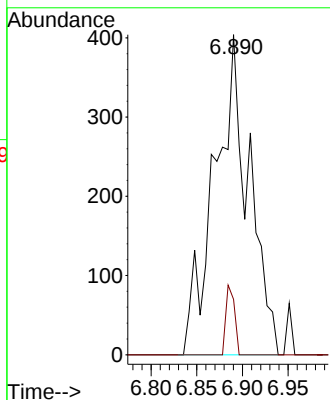
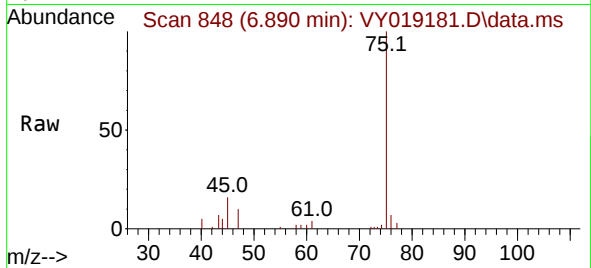




#25
2-Butanone
Concen: 4.247 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.019 min
Lab File: VY019181.D
Acq: 21 Aug 2024 19:55

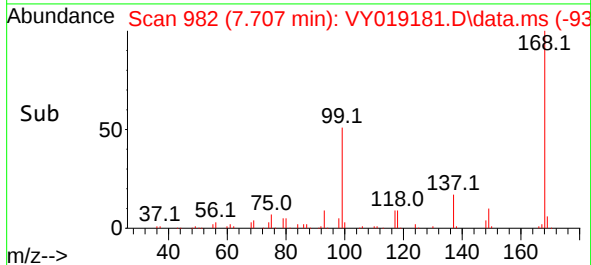
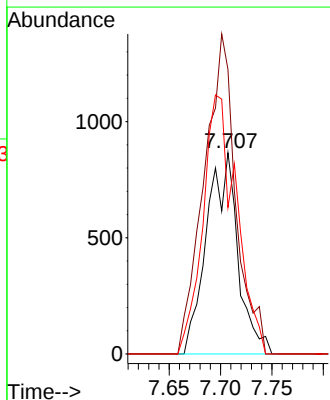
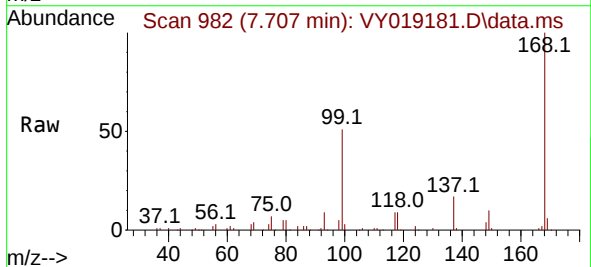
Instrument :
MSVOA_Y
ClientSampleId :

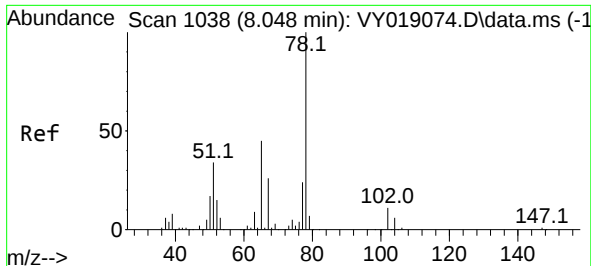
Tgt Ion: 43 Resp: 1059
Ion Ratio Lower Upper
43 100
72 17.3 27.3 40.9#



#31
Cyclohexane
Concen: Below Cal
RT: 7.707 min Scan# 982
Delta R.T. 0.018 min
Lab File: VY019181.D
Acq: 21 Aug 2024 19:55

Tgt Ion: 56 Resp: 1829
Ion Ratio Lower Upper
56 100
69 141.3 28.7 43.1#
84 72.9 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 55.210 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019181.D

Acq: 21 Aug 2024 19:55

Instrument :

MSVOA_Y

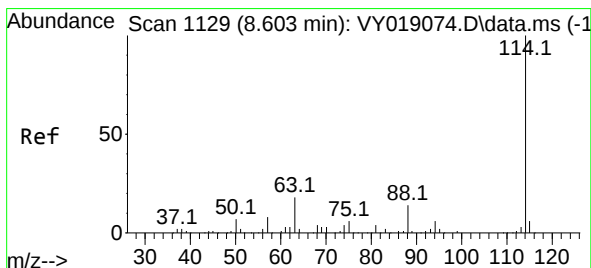
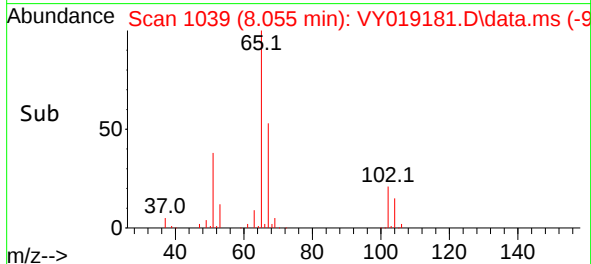
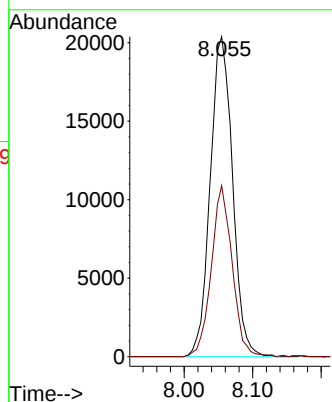
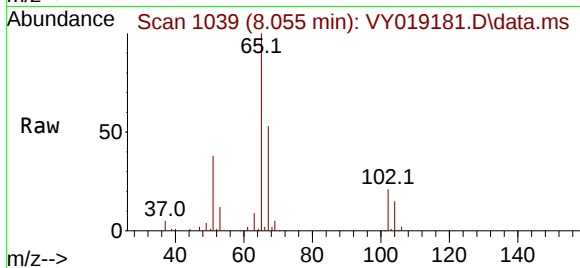
ClientSampleId :

Tgt Ion: 65 Resp: 46089

Ion Ratio Lower Upper

65 100

67 49.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019181.D

Acq: 21 Aug 2024 19:55

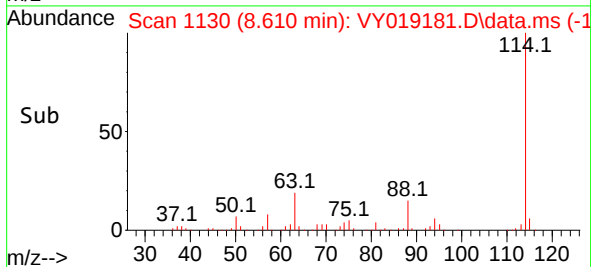
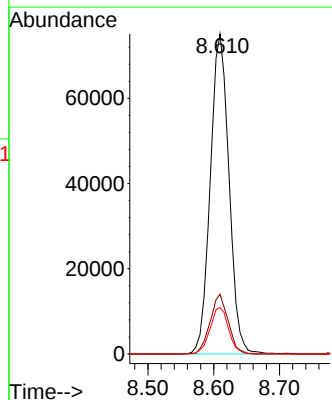
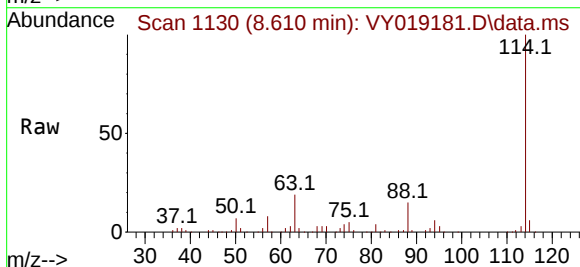
Tgt Ion: 114 Resp: 148447

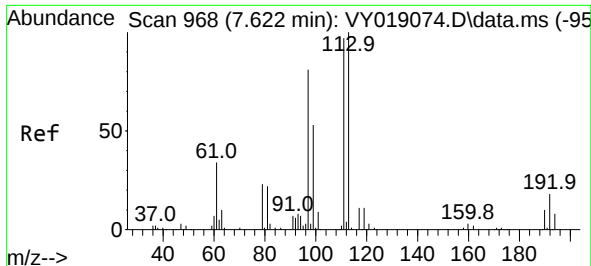
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 14.5 0.0 27.2

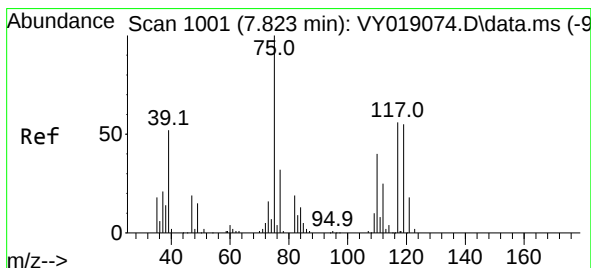
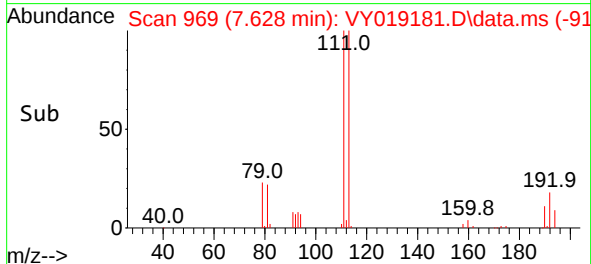
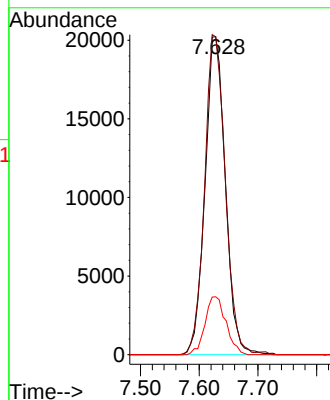
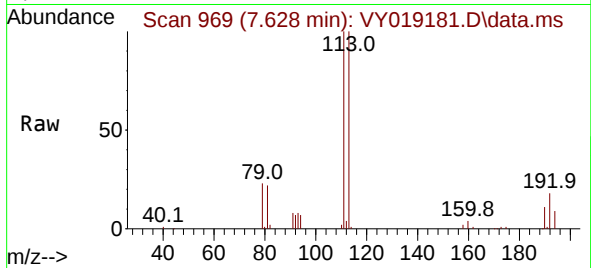




#35
Dibromofluoromethane
Concen: 50.267 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019181.D
Acq: 21 Aug 2024 19:55

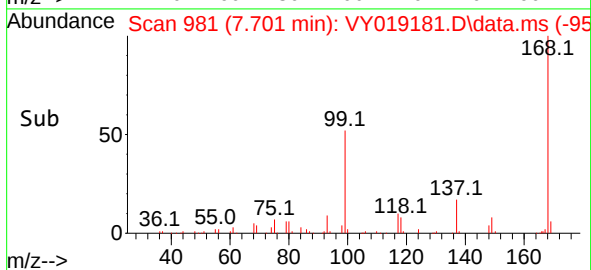
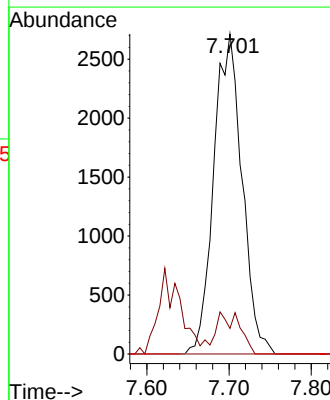
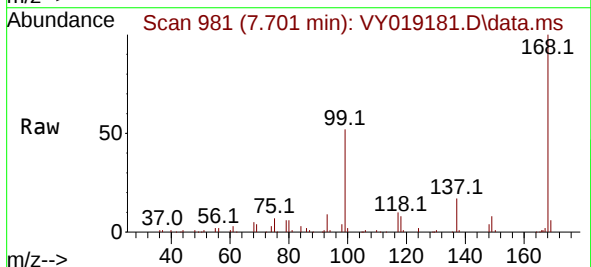
Instrument :
MSVOA_Y
ClientSampleId :

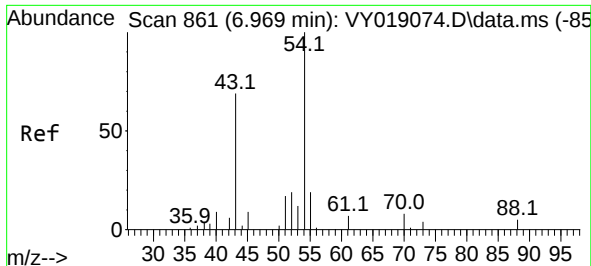
Tgt Ion:113 Resp: 48791
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 18.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.864 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019181.D
Acq: 21 Aug 2024 19:55

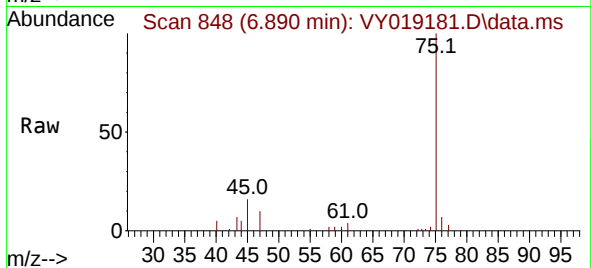
Tgt Ion: 75 Resp: 6483
Ion Ratio Lower Upper
75 100
110 4.1 19.0 57.0#
77 0.0 25.3 37.9#



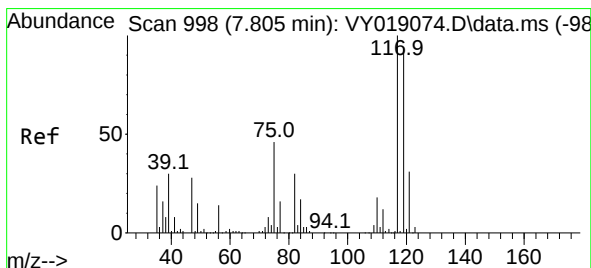
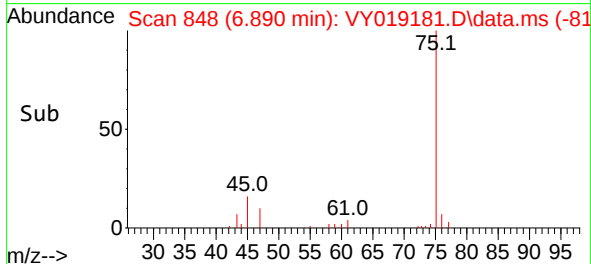
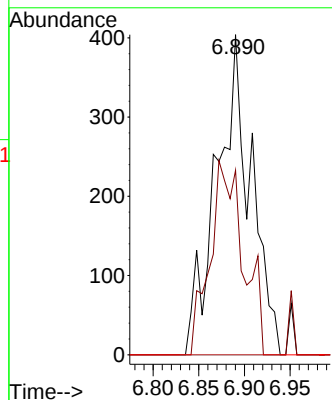


#37
Ethyl Acetate
Concen: 1.793 ug/l
RT: 6.890 min Scan# 841
Delta R.T. -0.079 min
Lab File: VY019181.D
Acq: 21 Aug 2024 19:55

Instrument :
MSVOA_Y
ClientSampleId :

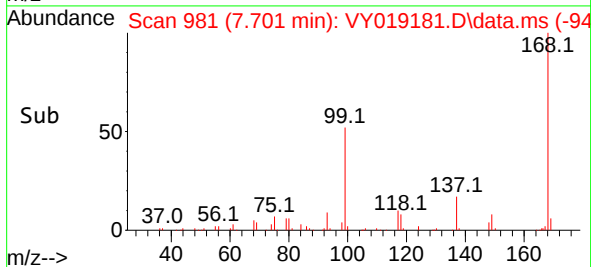
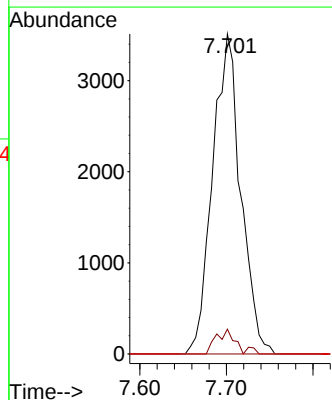
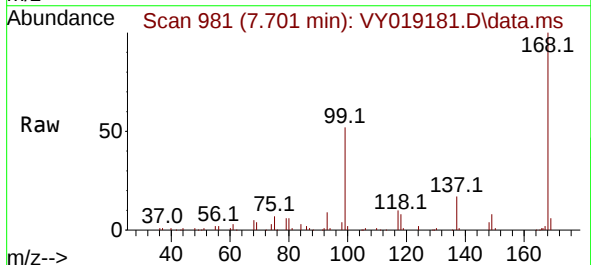


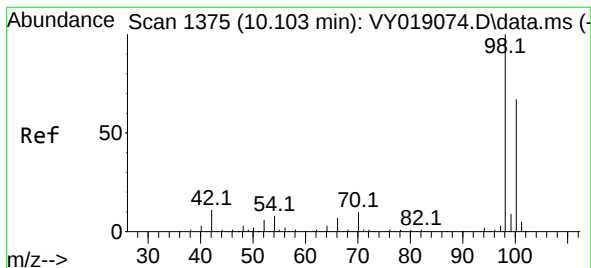
Tgt Ion: 43 Resp: 1059
Ion Ratio Lower Upper
43 100
61 58.5 12.6 19.0#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 5.137 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.103 min
Lab File: VY019181.D
Acq: 21 Aug 2024 19:55

Tgt Ion: 117 Resp: 7935
Ion Ratio Lower Upper
117 100
119 7.7 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 47.404 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019181.D

Acq: 21 Aug 2024 19:55

Instrument :

MSVOA_Y

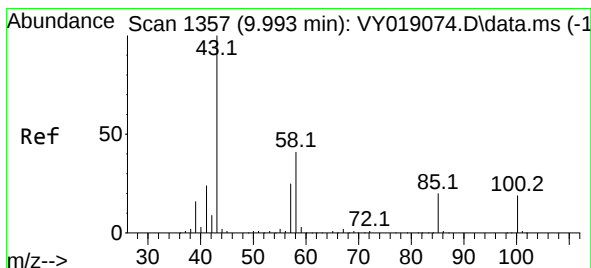
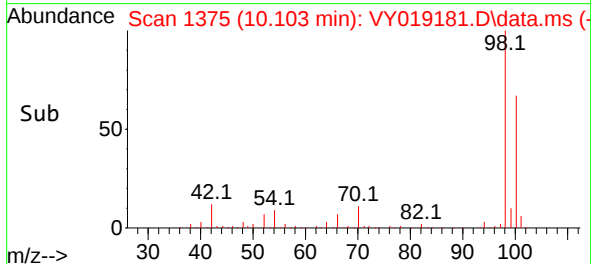
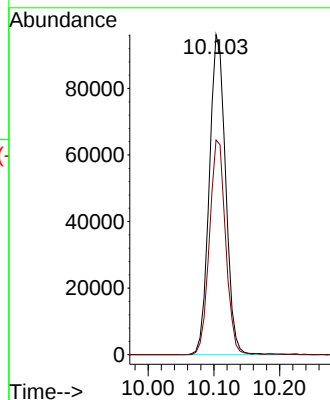
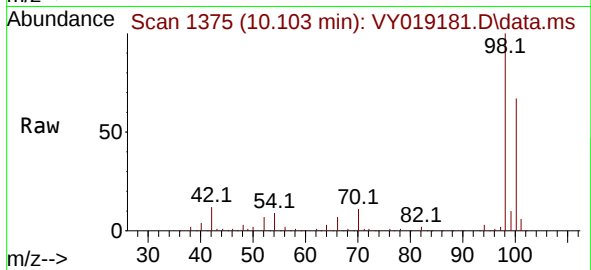
ClientSampleId :

Tgt Ion: 98 Resp: 165581

Ion Ratio Lower Upper

98 100

100 66.6 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.458 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.110 min

Lab File: VY019181.D

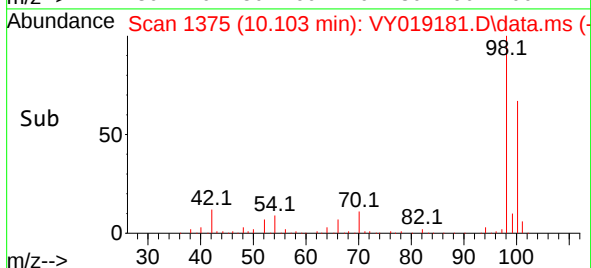
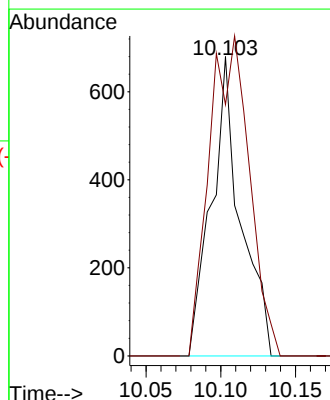
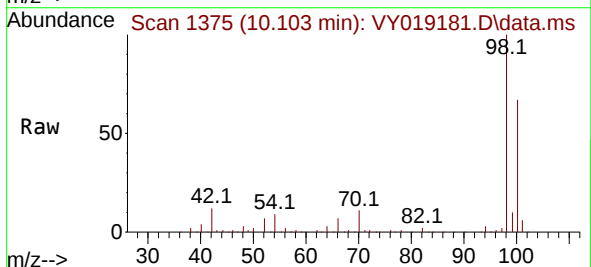
Acq: 21 Aug 2024 19:55

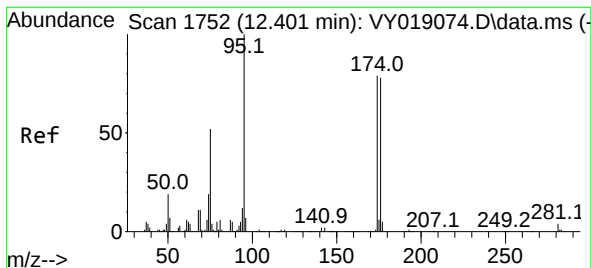
Tgt Ion: 43 Resp: 924

Ion Ratio Lower Upper

43 100

58 146.4 35.7 53.5#





#62

4-Bromofluorobenzene

Concen: 37.965 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019181.D

Acq: 21 Aug 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

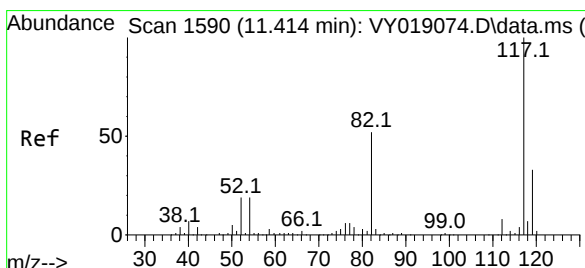
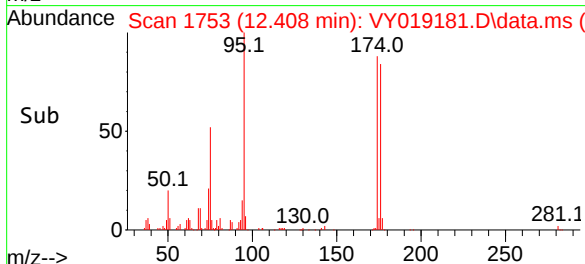
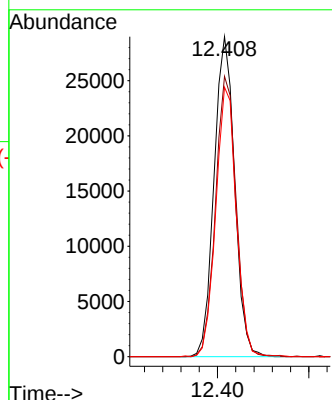
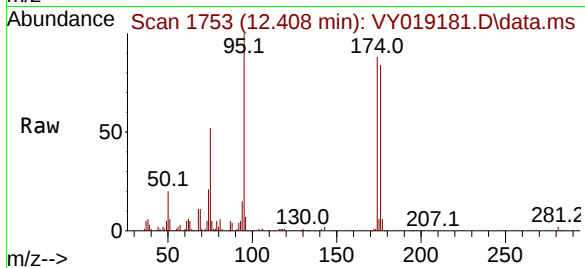
Tgt Ion: 95 Resp: 45207

Ion Ratio Lower Upper

95 100

174 88.2 0.0 175.6

176 84.1 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY019181.D

Acq: 21 Aug 2024 19:55

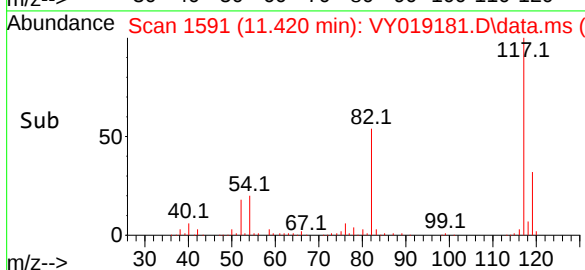
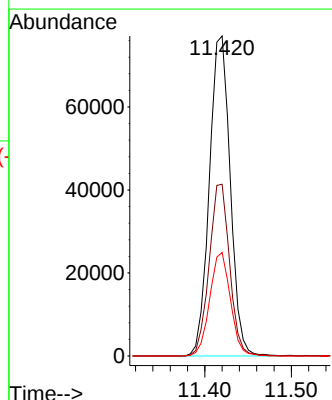
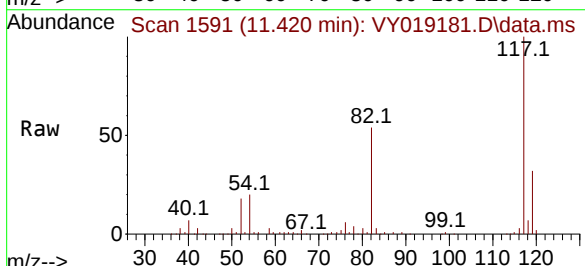
Tgt Ion: 117 Resp: 129201

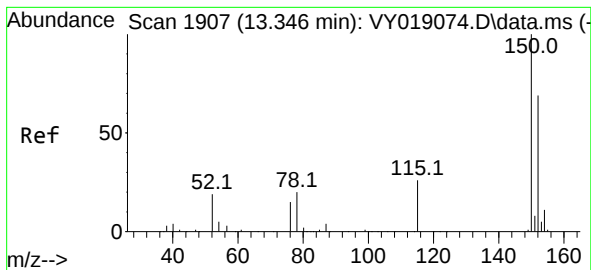
Ion Ratio Lower Upper

117 100

82 53.7 42.4 63.6

119 32.3 25.9 38.9

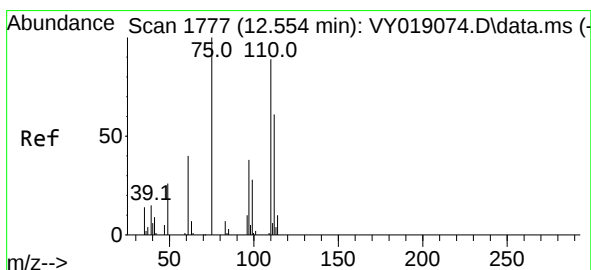
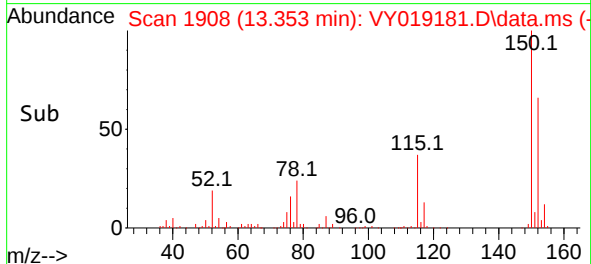
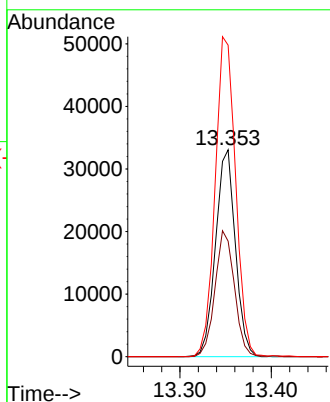
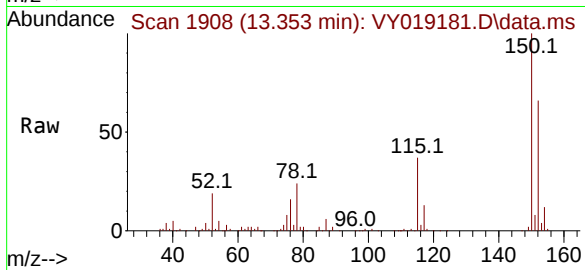




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VY019181.D
 Acq: 21 Aug 2024 19:55

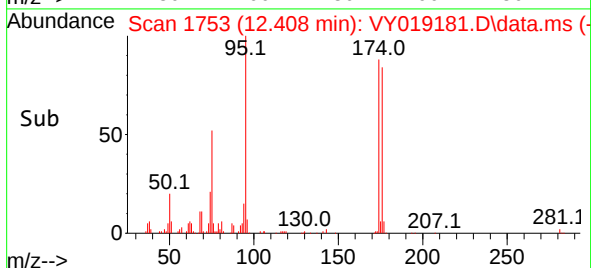
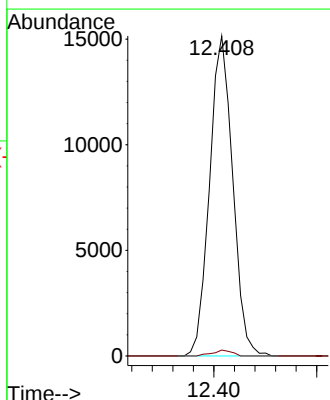
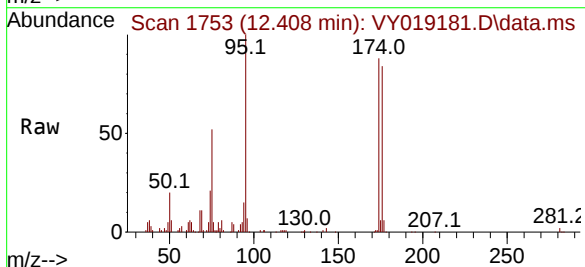
Instrument :
 MSVOA_Y
 ClientSampleId :

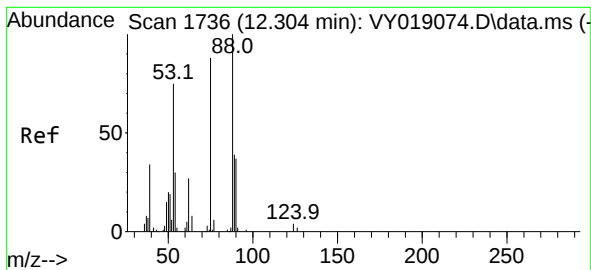
Tgt Ion:152 Resp: 49896
 Ion Ratio Lower Upper
 152 100
 115 59.5 28.2 84.7
 150 159.4 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 48.053 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY019181.D
 Acq: 21 Aug 2024 19:55

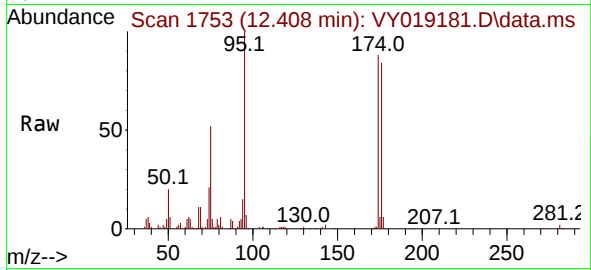
Tgt Ion: 75 Resp: 23645
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.674 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019181.D
 Acq: 21 Aug 2024 19:55

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	23645
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

