

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019094.D
 Acq On : 16 Aug 2024 15:26
 Operator : SY/MD
 Sample : P3580-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 23:14:56 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)

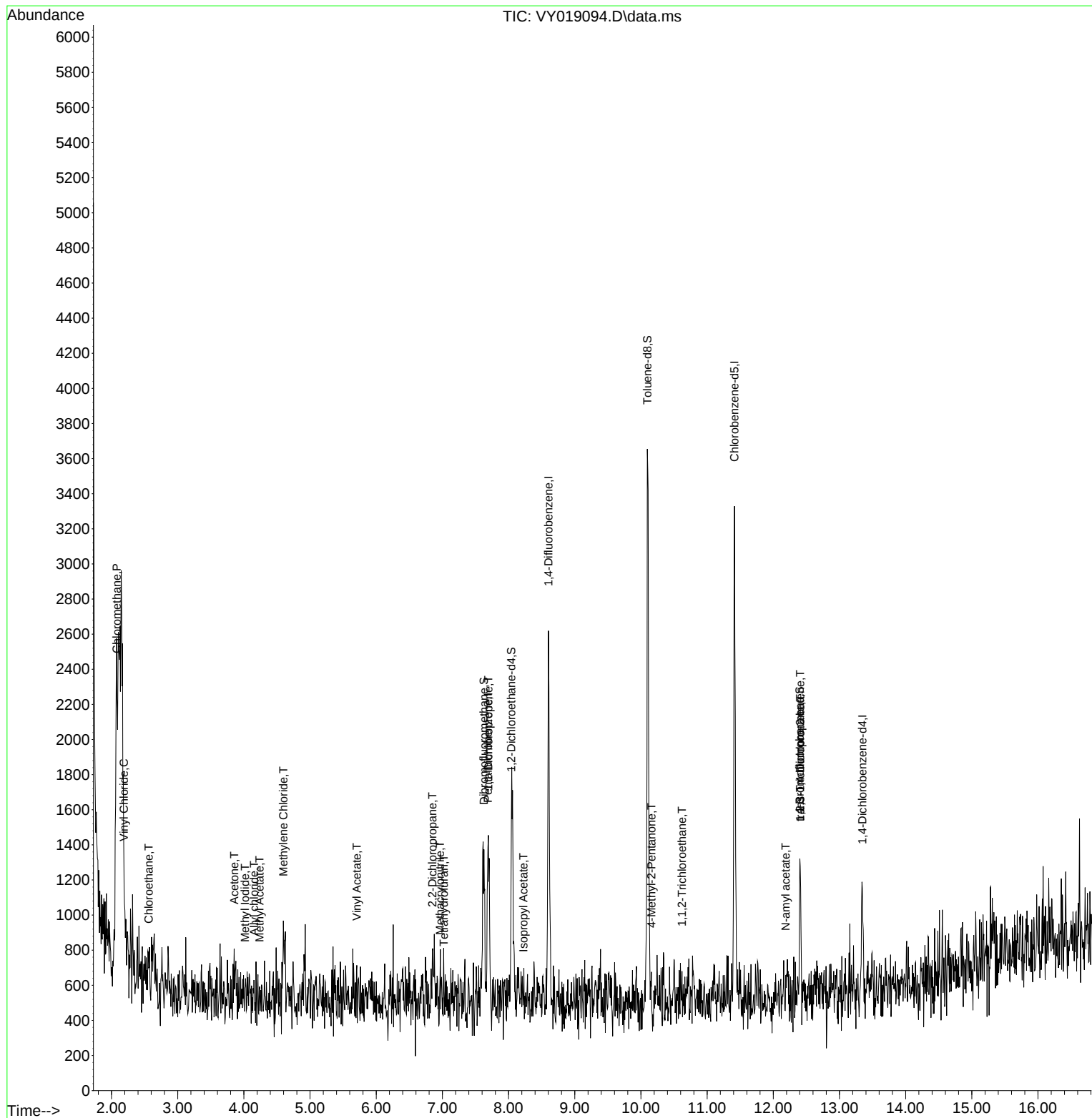
Internal Standards						
1) Pentafluorobenzene	7.689	168	921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	2001	50.000	ug/l	# 0.00
63) Chlorobenzene-d5	11.413	117	1592	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	208	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.042	65	1003	108.640	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 217.280%#	
35) Dibromofluoromethane	7.628	113	778	59.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.920%	
50) Toluene-d8	10.097	98	2304	48.934	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.860%	
62) 4-Bromofluorobenzene	12.401	95	253	15.762	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 31.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.080	50	68	5.583	ug/l #	43
4) Vinyl Chloride	2.190	62	49	3.257	ug/l #	42
6) Chloroethane	2.561	64	24	2.120	ug/l #	42
10) Methyl Iodide	4.018	142	91	9.181	ug/l #	42
14) Allyl chloride	4.153	41	26	2.129	ug/l #	1
16) Acetone	3.854	43	338	197.412	ug/l #	36
18) Methyl Acetate	4.238	43	20	3.806	ug/l #	46
20) Methylene Chloride	4.598	84	155	5.469	ug/l #	66
23) Vinyl Acetate	5.707	43	23	1.039	ug/l #	67
26) 2,2-Dichloropropane	6.847	77	21	1.517	ug/l #	51
29) Tetrahydrofuran	7.024	42	20	11.283	ug/l #	26
36) 1,1-Dichloropropene	7.695	75	52	2.894	ug/l #	40
41) Methacrylonitrile	6.963	41	20	4.603	ug/l #	15
43) Isopropyl Acetate	8.225	43	44	2.733	ug/l #	47
51) 4-Methyl-2-Pentanone	10.158	43	31	3.628	ug/l #	31
55) 1,1,2-Trichloroethane	10.621	97	24	2.341	ug/l #	16
74) N-amyl acetate	12.188	43	38	10.931	ug/l #	37
76) 1,2,3-Trichloropropane	12.407	75	216	105.301	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	216	260.059	ug/l #	16

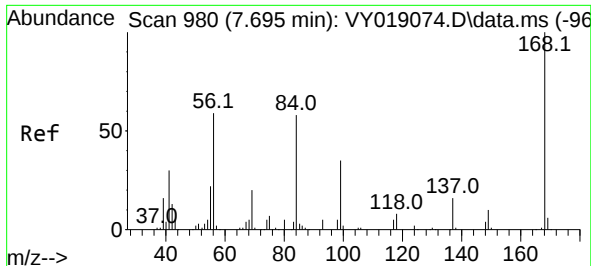
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
Data File : VY019094.D
Acq On : 16 Aug 2024 15:26
Operator : SY/MD
Sample : P3580-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

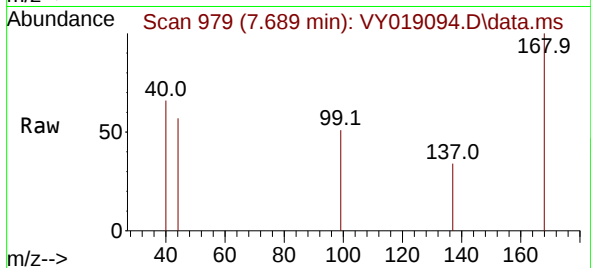
Quant Time: Aug 16 23:14:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration



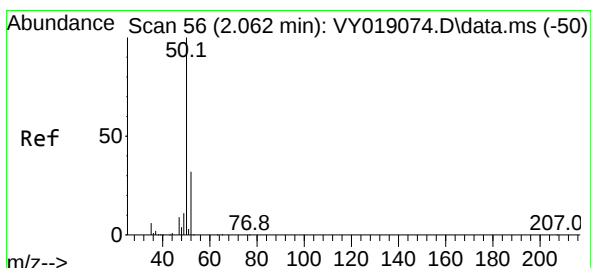
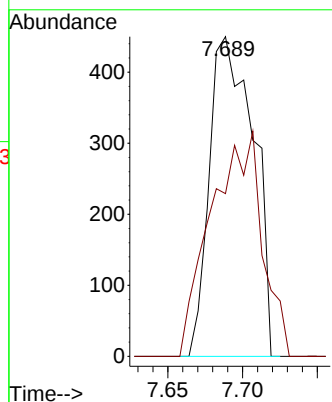
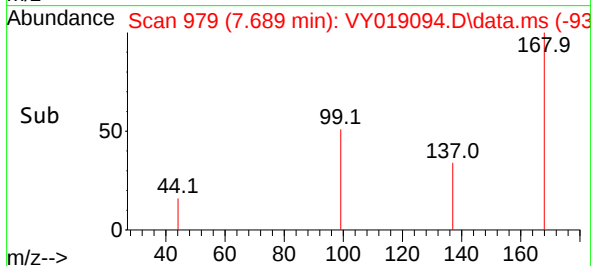


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019094.D
Acq: 16 Aug 2024 15:26

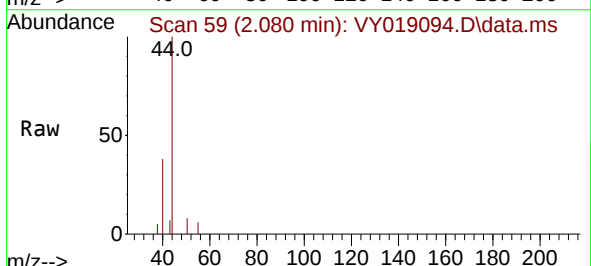
Instrument :
MSVOA_Y
ClientSampleId :



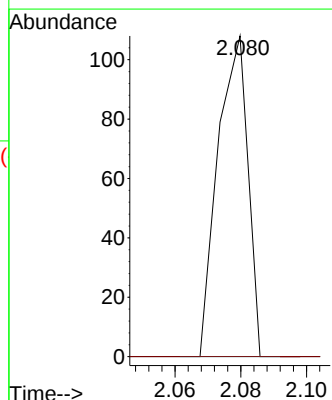
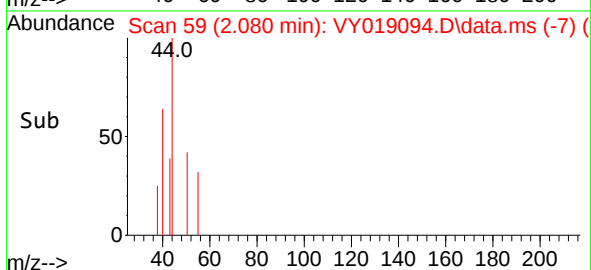
Tgt Ion:168 Resp: 921
Ion Ratio Lower Upper
168 100
99 50.9 39.1 58.7

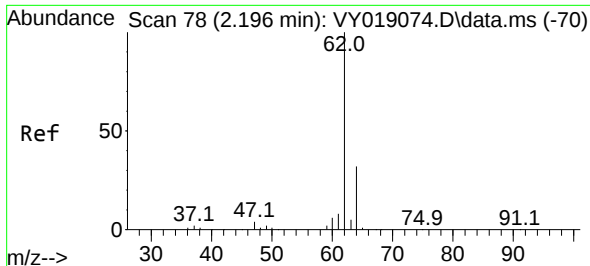


#3
Chloromethane
Concen: 5.583 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.018 min
Lab File: VY019094.D
Acq: 16 Aug 2024 15:26



Tgt Ion: 50 Resp: 68
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

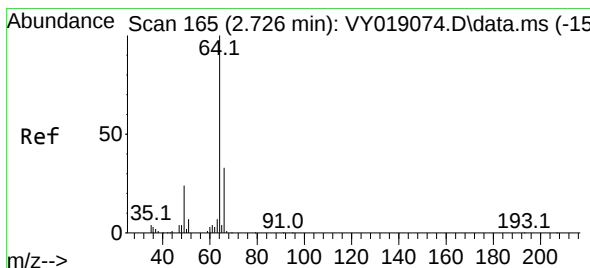
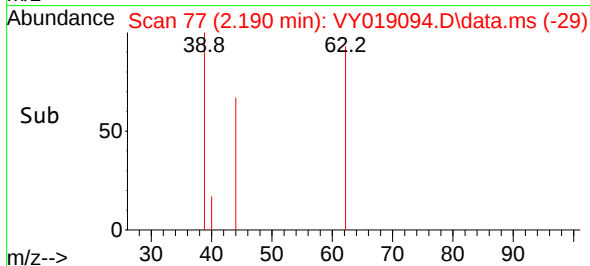
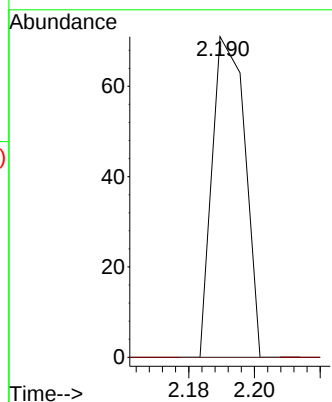
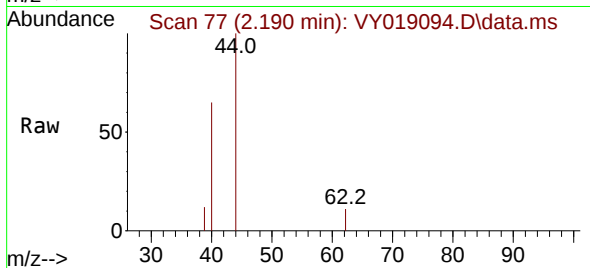




#4
 Vinyl Chloride
 Concen: 3.257 ug/l
 RT: 2.190 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VY019094.D
 Acq: 16 Aug 2024 15:26

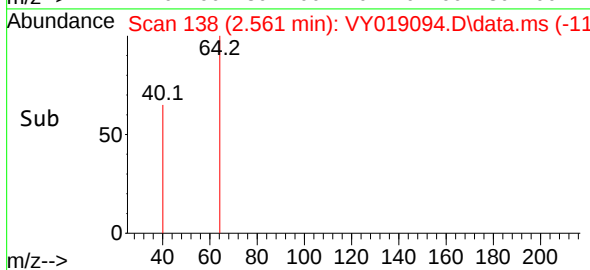
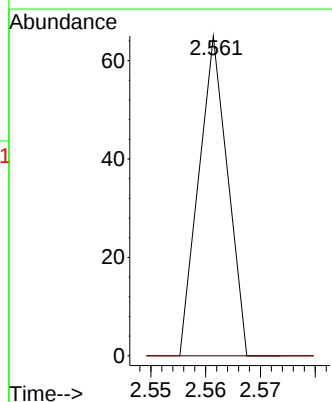
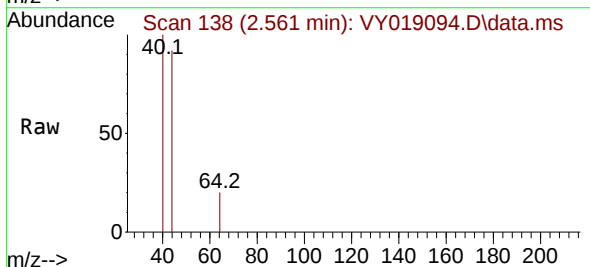
Instrument :
 MSVOA_Y
 ClientSampleId :

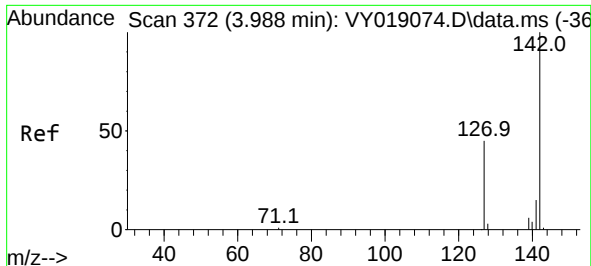
Tgt Ion: 62 Resp: 49
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.1 39.1#



#6
 Chloroethane
 Concen: 2.120 ug/l
 RT: 2.561 min Scan# 138
 Delta R.T. -0.165 min
 Lab File: VY019094.D
 Acq: 16 Aug 2024 15:26

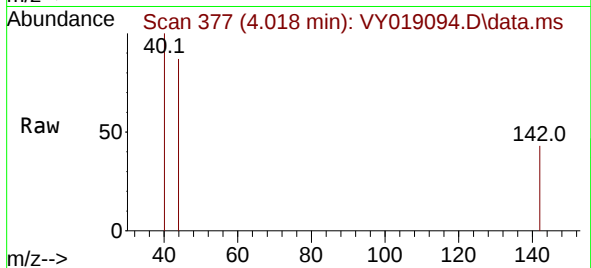
Tgt Ion: 64 Resp: 24
 Ion Ratio Lower Upper
 64 100
 66 0.0 26.1 39.1#



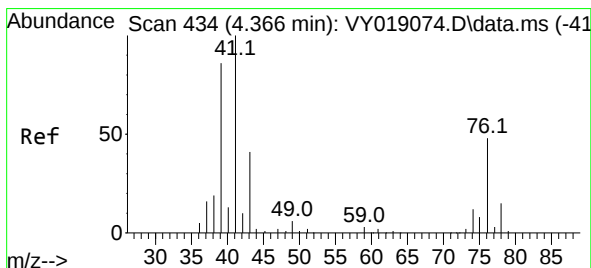
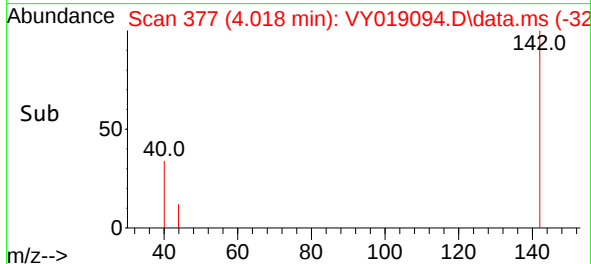
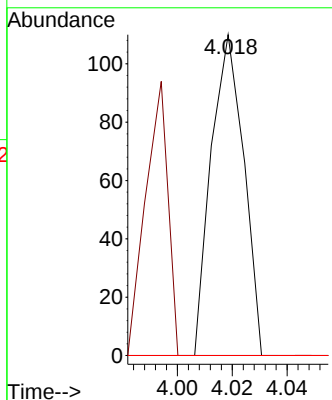


#10
Methyl Iodide
Concen: 9.181 ug/l
RT: 4.018 min Scan# 31
Delta R.T. 0.030 min
Lab File: VY019094.D
Acq: 16 Aug 2024 15:26

Instrument :
MSVOA_Y
ClientSampleId :

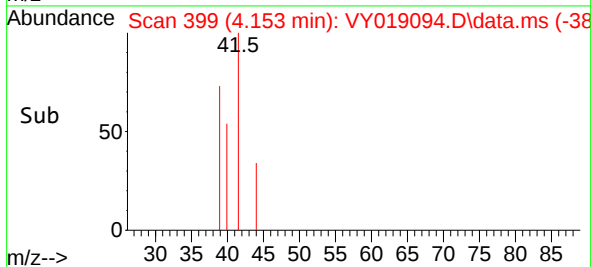
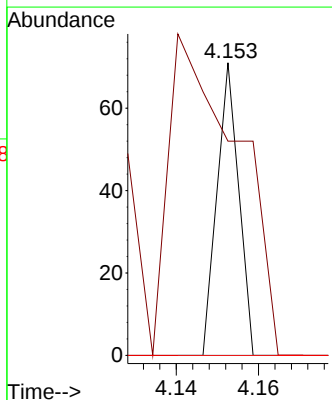
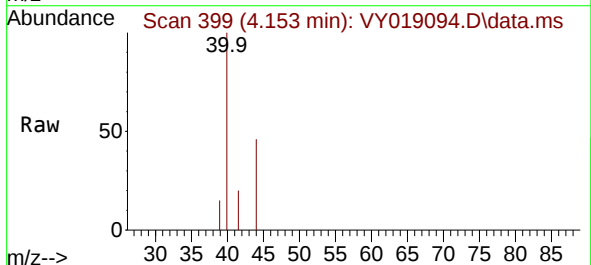


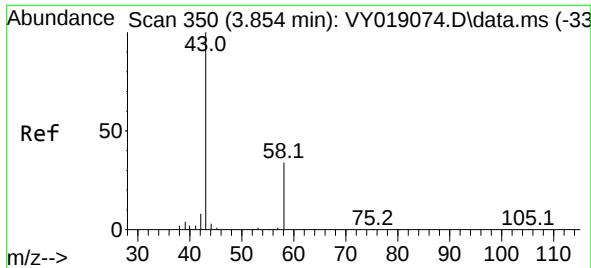
Tgt Ion:142 Resp: 91
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#



#14
Allyl chloride
Concen: 2.129 ug/l
RT: 4.153 min Scan# 399
Delta R.T. -0.214 min
Lab File: VY019094.D
Acq: 16 Aug 2024 15:26

Tgt Ion: 41 Resp: 26
Ion Ratio Lower Upper
41 100
39 419.2 58.3 87.5#
76 0.0 39.0 58.6#

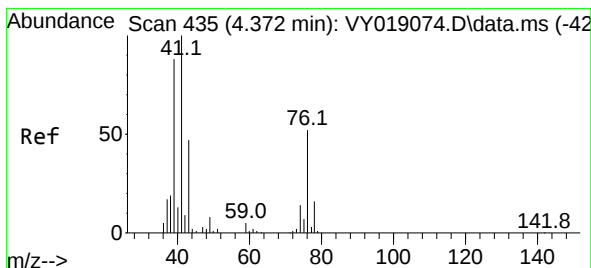
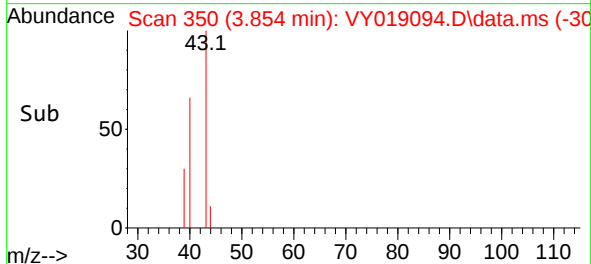
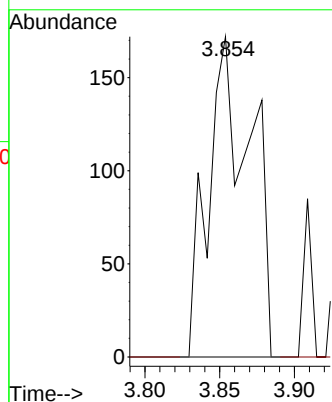
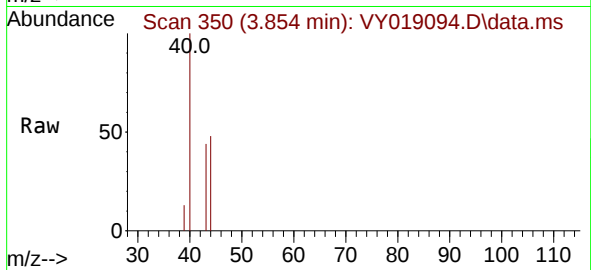




#16
Acetone
Concen: 197.412 ug/l
RT: 3.854 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY019094.D
Acq: 16 Aug 2024 15:26

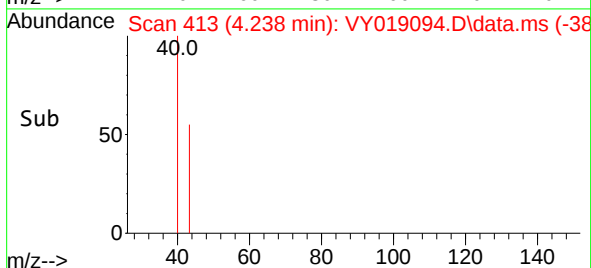
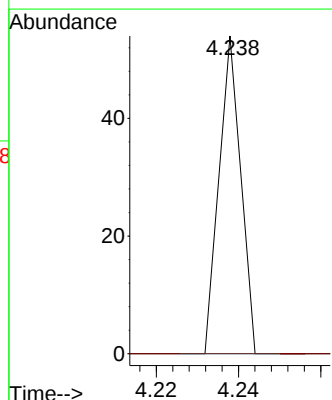
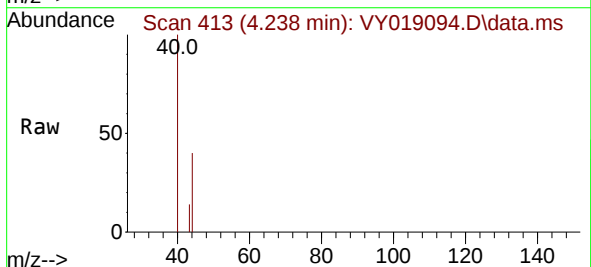
Instrument :
MSVOA_Y
ClientSampleId :

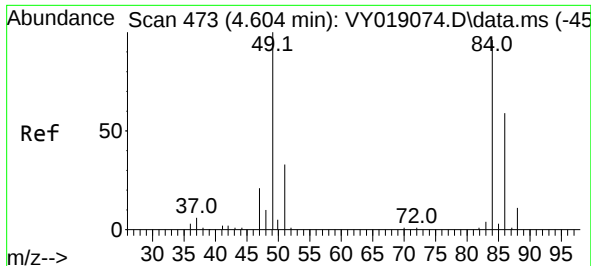
Tgt Ion: 43 Resp: 338
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#18
Methyl Acetate
Concen: 3.806 ug/l
RT: 4.238 min Scan# 413
Delta R.T. -0.134 min
Lab File: VY019094.D
Acq: 16 Aug 2024 15:26

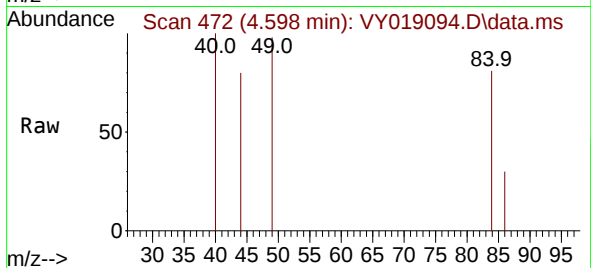
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



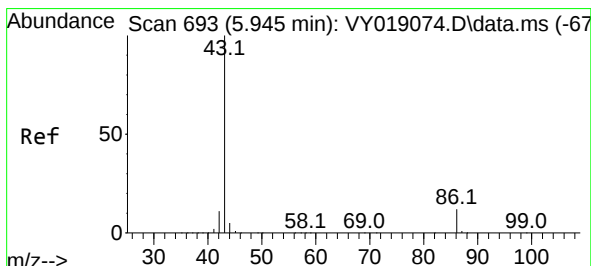
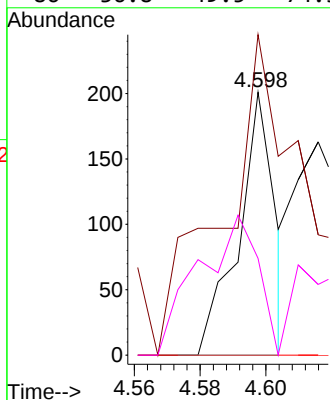
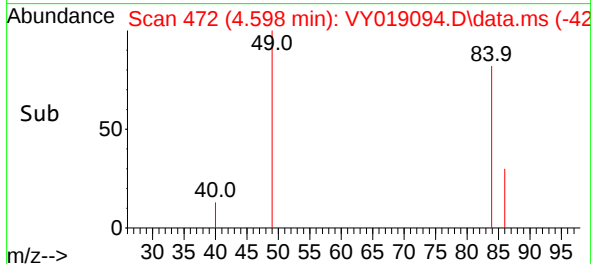


#20
Methylene Chloride
Concen: 5.469 ug/l
RT: 4.598 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019094.D
Acq: 16 Aug 2024 15:26

Instrument :
MSVOA_Y
ClientSampleId :

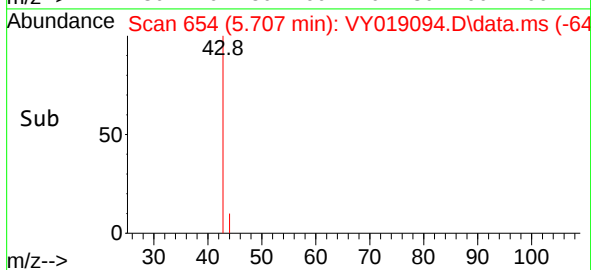
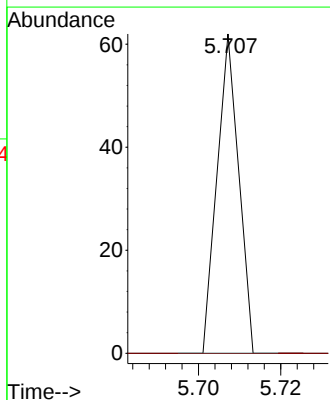
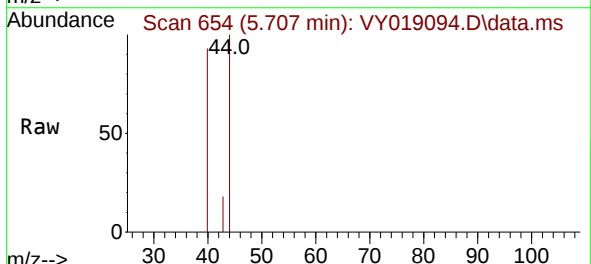


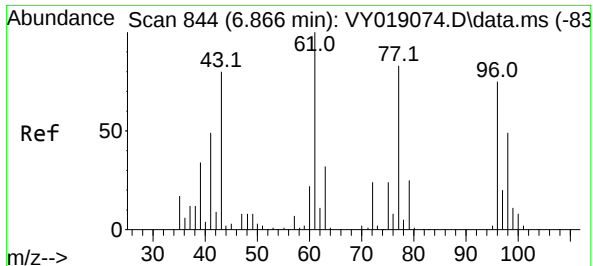
Tgt Ion: 84	Resp: 155
Ion Ratio	Lower Upper
84	100
49	77.1 84.4 126.6#
51	0.0 26.0 39.0#
86	36.8 49.5 74.3#



#23
Vinyl Acetate
Concen: 1.039 ug/l
RT: 5.707 min Scan# 654
Delta R.T. -0.238 min
Lab File: VY019094.D
Acq: 16 Aug 2024 15:26

Tgt Ion: 43	Resp: 23
Ion Ratio	Lower Upper
43	100
86	0.0 10.6 16.0#





#26

2,2-Dichloropropane

Concen: 1.517 ug/l

RT: 6.847 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY019094.D

Acq: 16 Aug 2024 15:26

Instrument :

MSVOA_Y

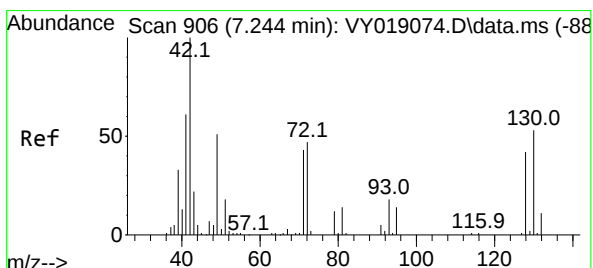
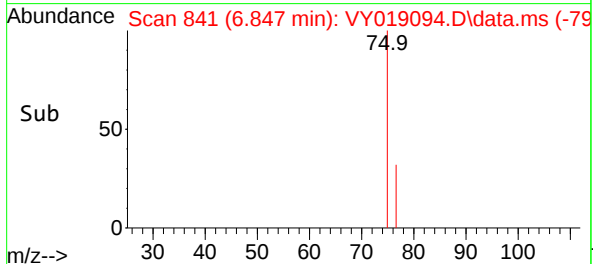
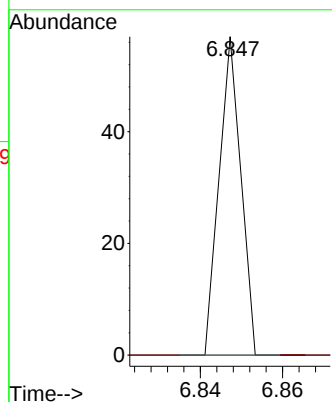
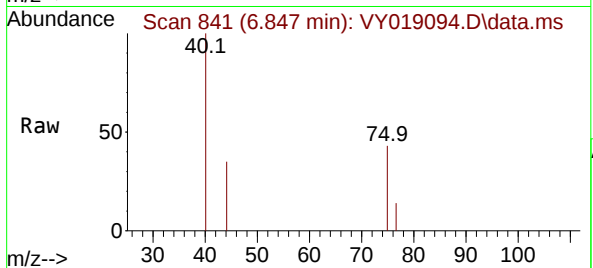
ClientSampleId :

Tgt Ion: 77 Resp: 21

Ion Ratio Lower Upper

77 100

97 0.0 12.0 36.1#



#29

Tetrahydrofuran

Concen: 11.283 ug/l

RT: 7.024 min Scan# 870

Delta R.T. -0.220 min

Lab File: VY019094.D

Acq: 16 Aug 2024 15:26

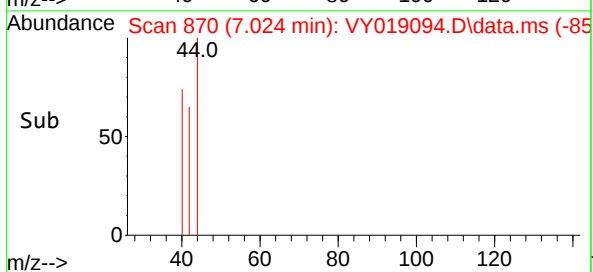
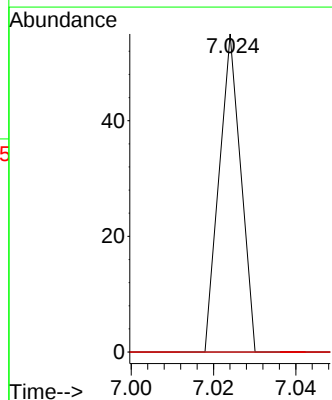
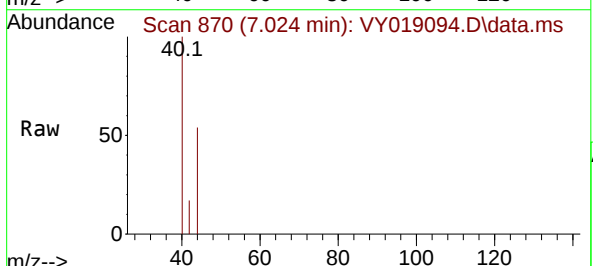
Tgt Ion: 42 Resp: 20

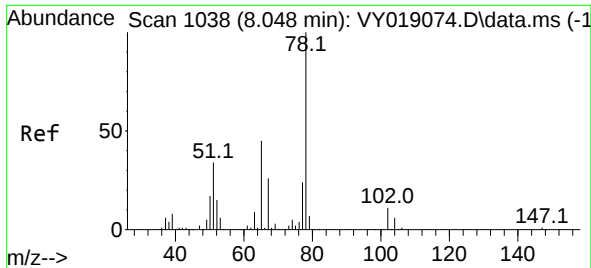
Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

71 0.0 40.8 61.2#





#33

1,2-Dichloroethane-d4

Concen: 108.640 ug/l

RT: 8.042 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY019094.D

Acq: 16 Aug 2024 15:26

Instrument :

MSVOA_Y

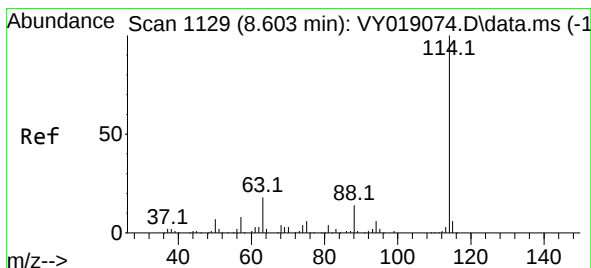
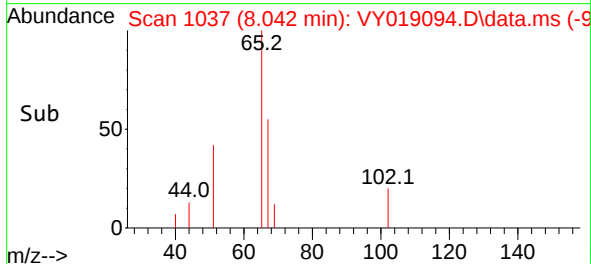
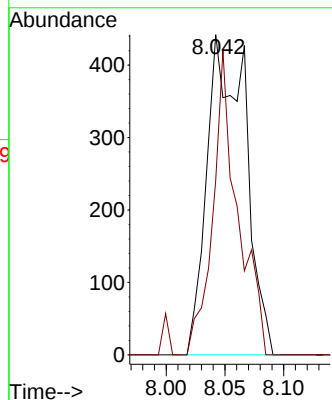
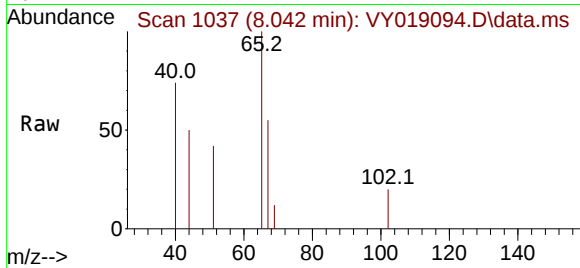
ClientSampleId :

Tgt Ion: 65 Resp: 1003

Ion Ratio Lower Upper

65 100

67 61.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY019094.D

Acq: 16 Aug 2024 15:26

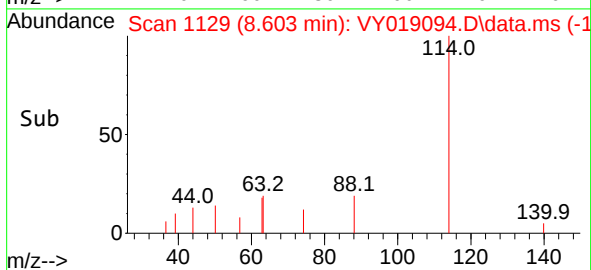
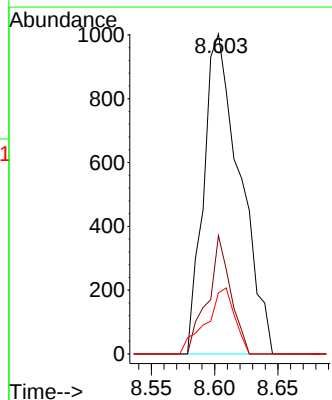
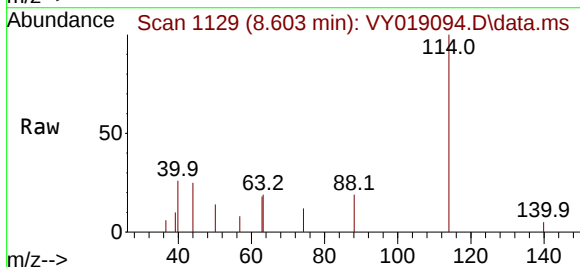
Tgt Ion: 114 Resp: 2001

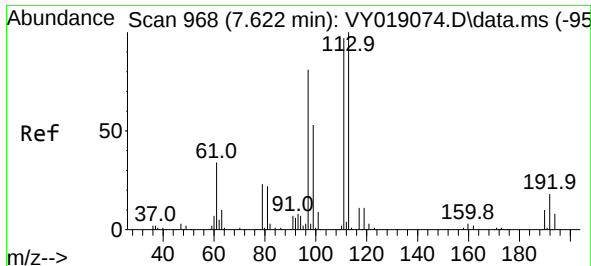
Ion Ratio Lower Upper

114 100

63 37.0 0.0 35.0#

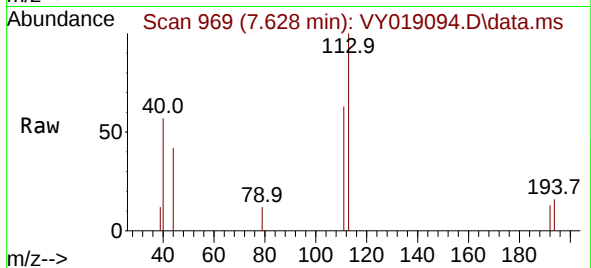
88 19.0 0.0 27.2



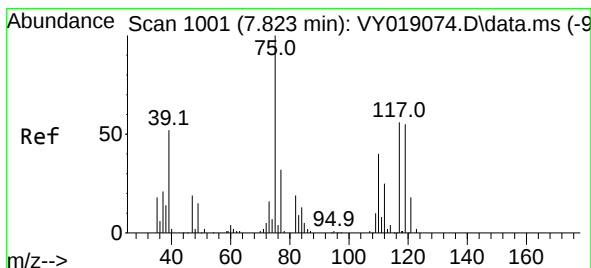
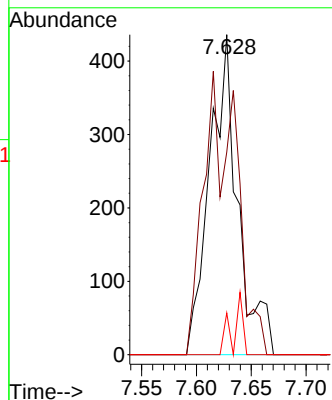
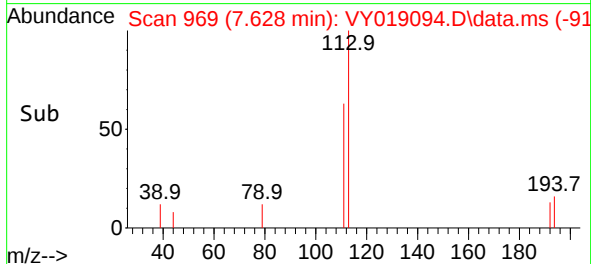


#35
Dibromofluoromethane
Concen: 59.463 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019094.D
Acq: 16 Aug 2024 15:26

Instrument :
MSVOA_Y
ClientSampleId :

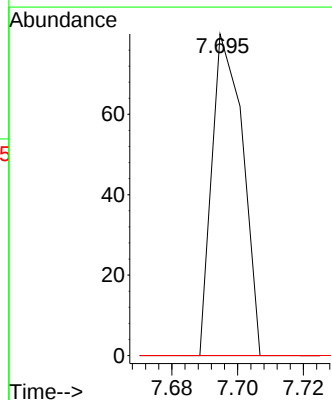
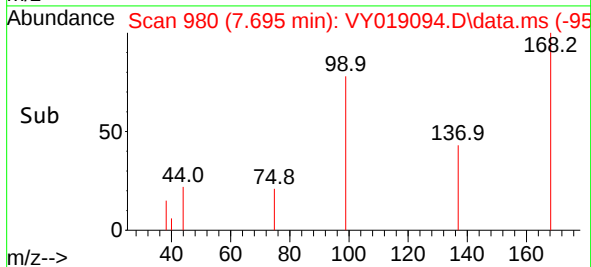
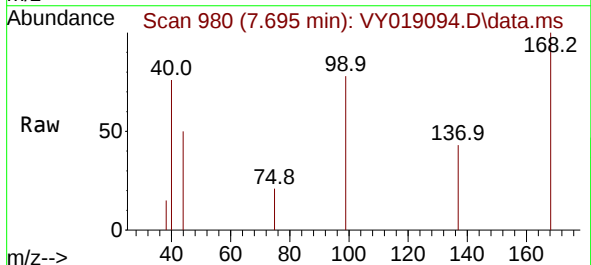


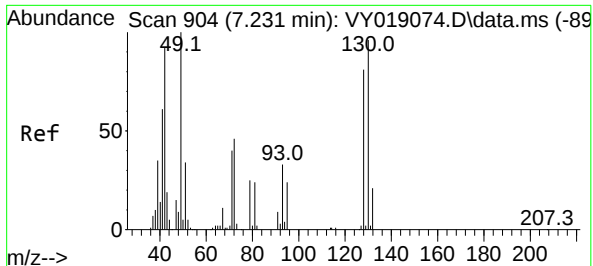
Tgt Ion:113 Resp: 778
Ion Ratio Lower Upper
113 100
111 53.5 82.2 123.4#
192 2.7 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 2.894 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019094.D
Acq: 16 Aug 2024 15:26

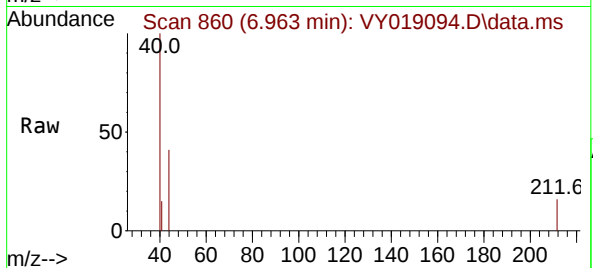
Tgt Ion: 75 Resp: 52
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



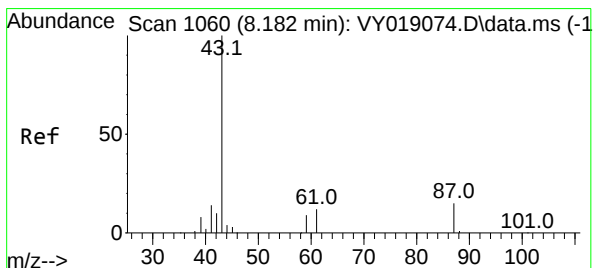
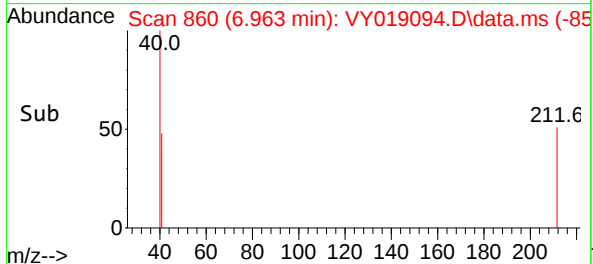
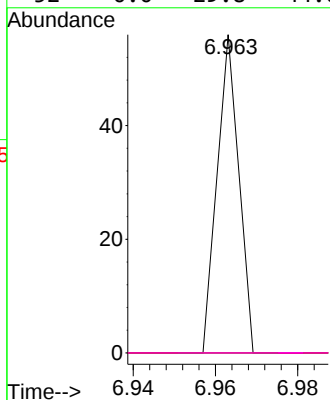


#41
Methacrylonitrile
Concen: 4.603 ug/l
RT: 6.963 min Scan# 80
Delta R.T. -0.268 min
Lab File: VY019094.D
Acq: 16 Aug 2024 15:26

Instrument :
MSVOA_Y
ClientSampleId :

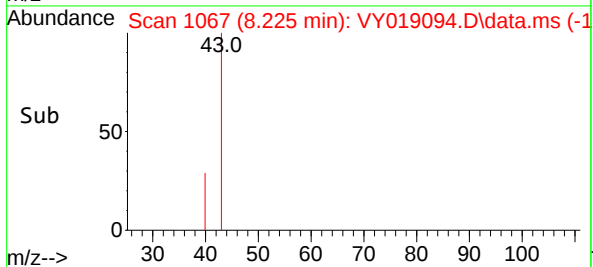
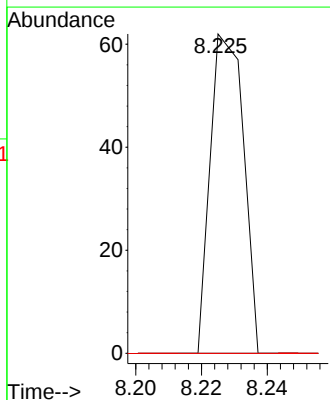
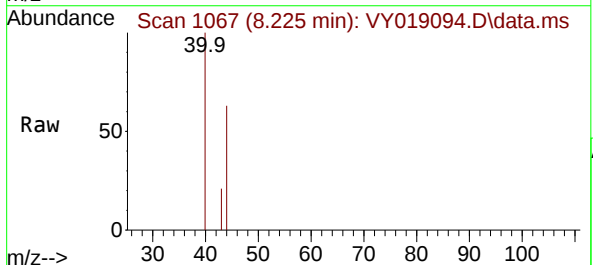


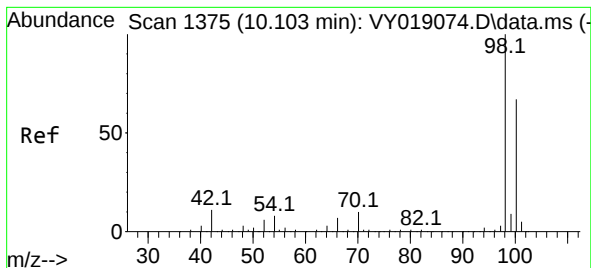
Tgt Ion:	41	Resp:	20
Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#43
Isopropyl Acetate
Concen: 2.733 ug/l
RT: 8.225 min Scan# 1067
Delta R.T. 0.043 min
Lab File: VY019094.D
Acq: 16 Aug 2024 15:26

Tgt Ion:	43	Resp:	44
Ion	Ratio	Lower	Upper
43	100		
61	0.0	27.9	41.9#
87	0.0	13.1	19.7#





#50

Toluene-d8

Concen: 48.934 ug/l

RT: 10.097 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019094.D

Acq: 16 Aug 2024 15:26

Instrument :

MSVOA_Y

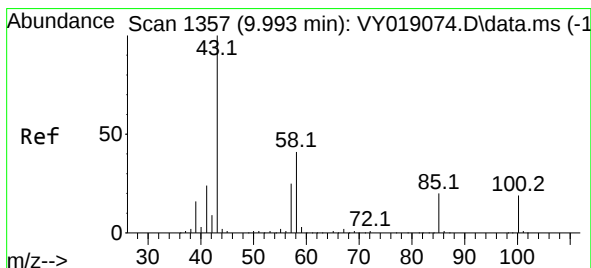
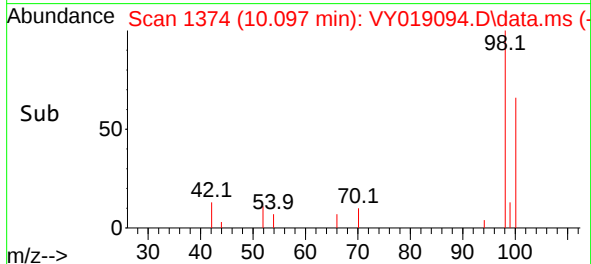
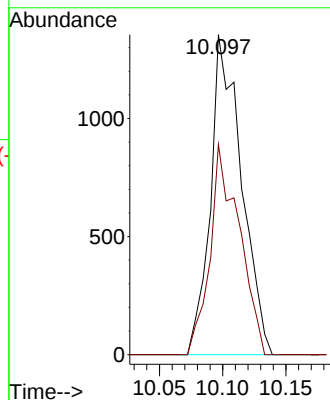
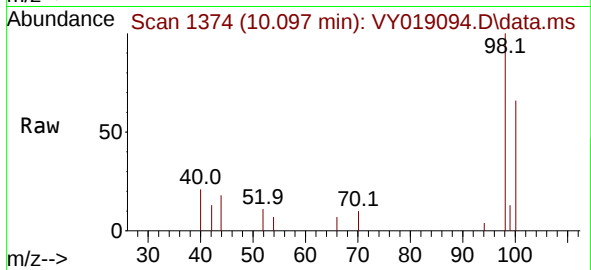
ClientSampleId :

Tgt Ion: 98 Resp: 2304

Ion Ratio Lower Upper

98 100

100 62.0 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 3.628 ug/l

RT: 10.158 min Scan# 1384

Delta R.T. 0.164 min

Lab File: VY019094.D

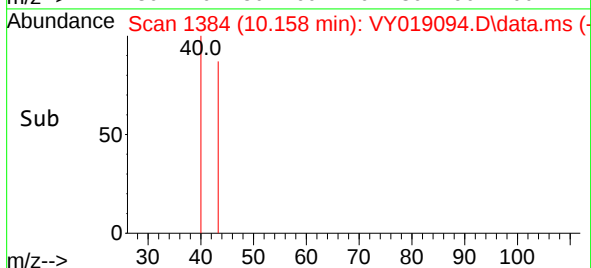
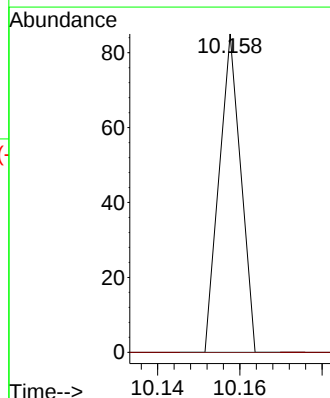
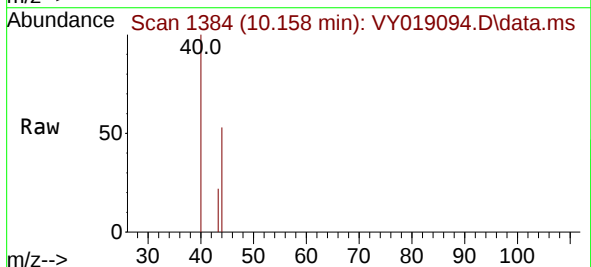
Acq: 16 Aug 2024 15:26

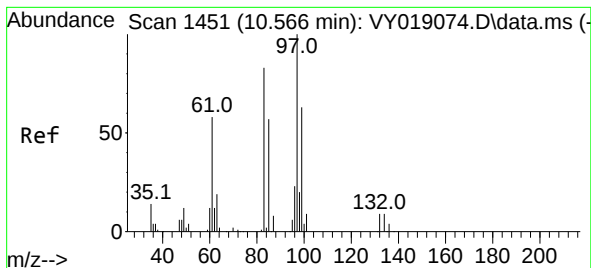
Tgt Ion: 43 Resp: 31

Ion Ratio Lower Upper

43 100

58 0.0 35.7 53.5#





#55

1,1,2-Trichloroethane

Concen: 2.341 ug/l

RT: 10.621 min Scan# 1451

Delta R.T. 0.055 min

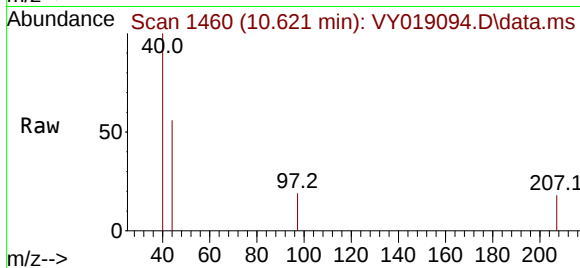
Lab File: VY019094.D

Acq: 16 Aug 2024 15:26

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 24

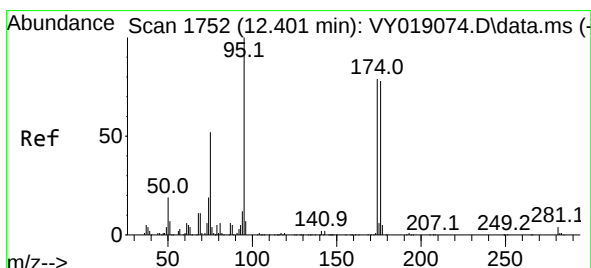
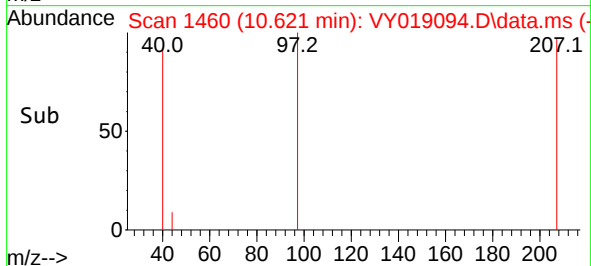
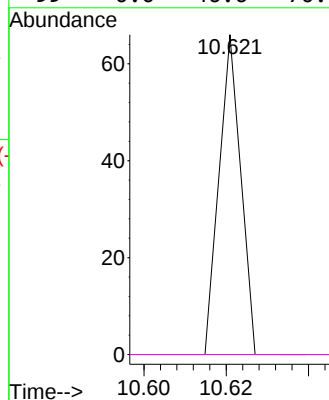
Ion Ratio Lower Upper

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: 15.762 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.000 min

Lab File: VY019094.D

Acq: 16 Aug 2024 15:26

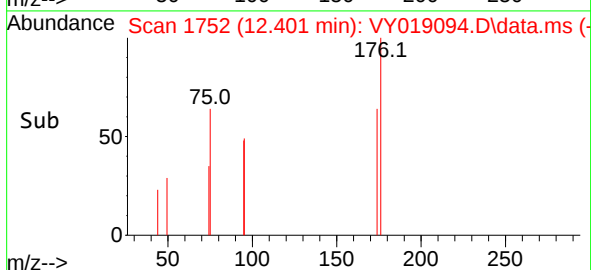
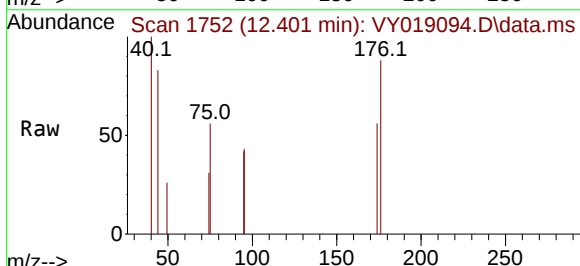
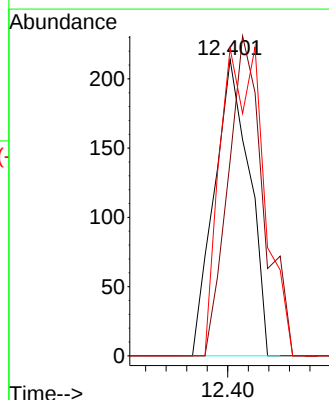
Tgt Ion: 95 Resp: 253

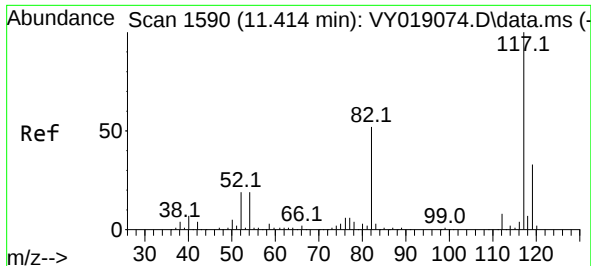
Ion Ratio Lower Upper

95 100

174 109.1 0.0 175.6

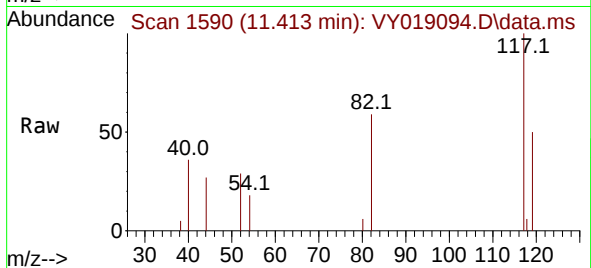
176 128.9 0.0 171.4



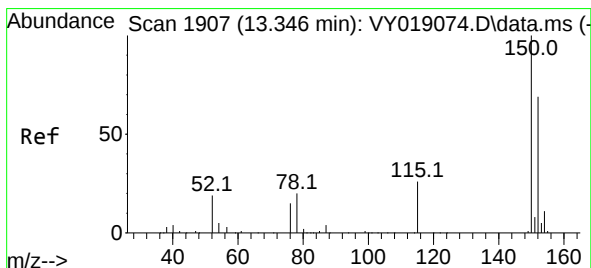
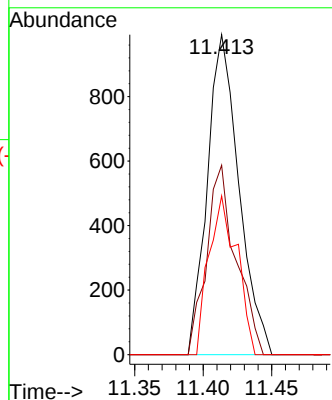
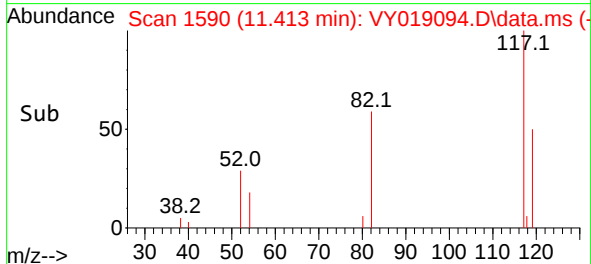


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019094.D
Acq: 16 Aug 2024 15:26

Instrument :
MSVOA_Y
ClientSampleId :

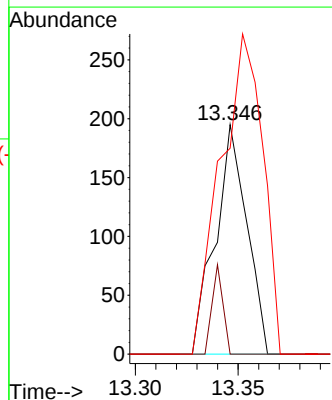
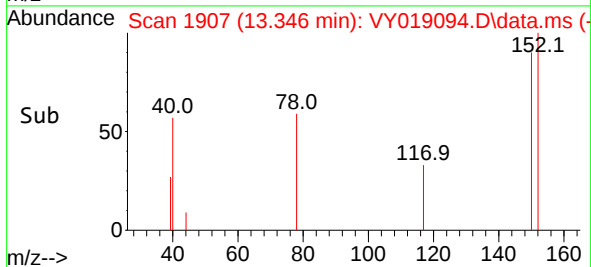
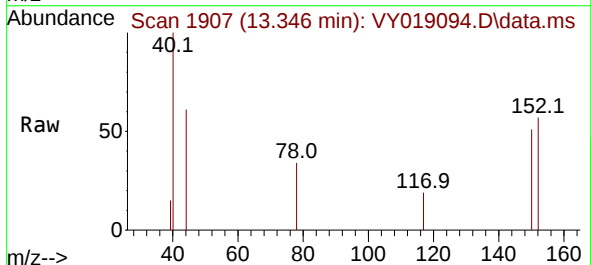


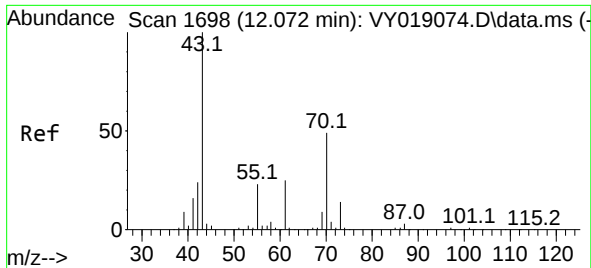
Tgt Ion:117 Resp: 1592
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 49.6 25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019094.D
Acq: 16 Aug 2024 15:26

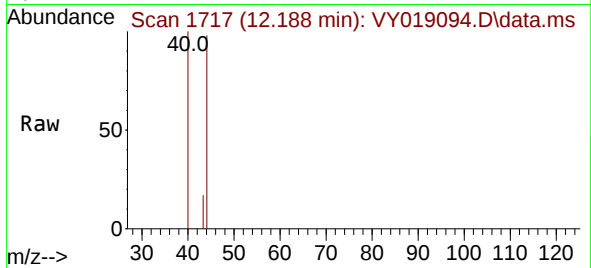
Tgt Ion:152 Resp: 208
Ion Ratio Lower Upper
152 100
115 13.5 28.2 84.7#
150 186.5 0.0 345.6



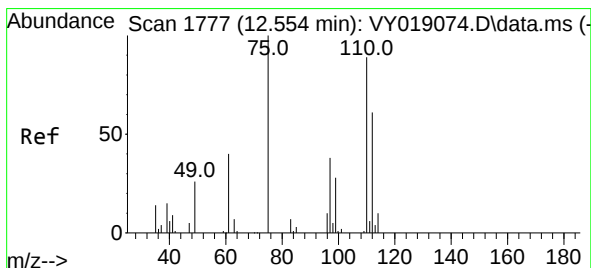
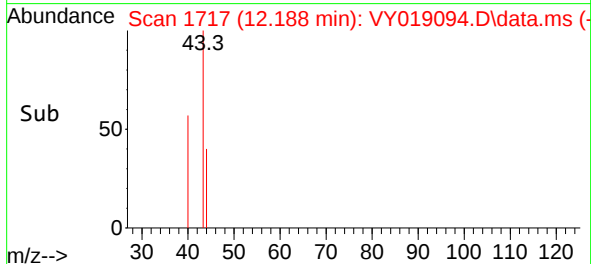
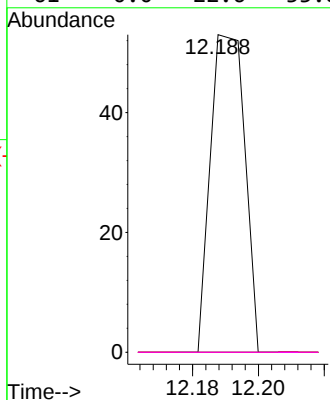


#74
N-amy1 acetate
Concen: 10.931 ug/l
RT: 12.188 min Scan# 1717
Delta R.T. 0.116 min
Lab File: VY019094.D
Acq: 16 Aug 2024 15:26

Instrument :
MSVOA_Y
ClientSampleId :

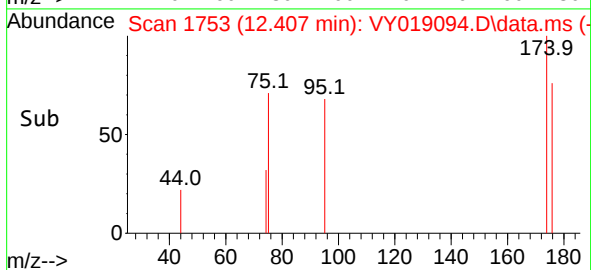
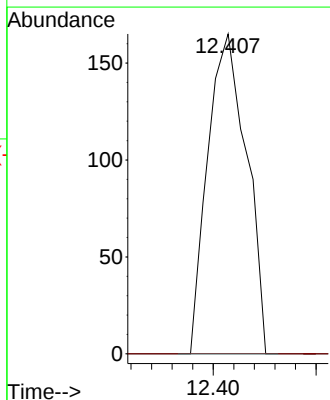
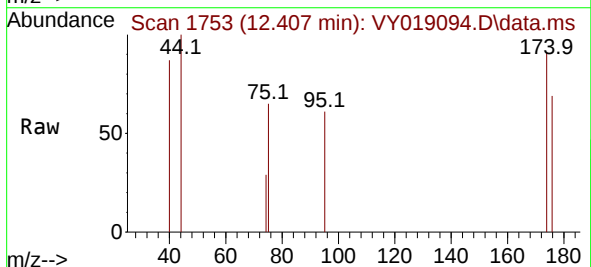


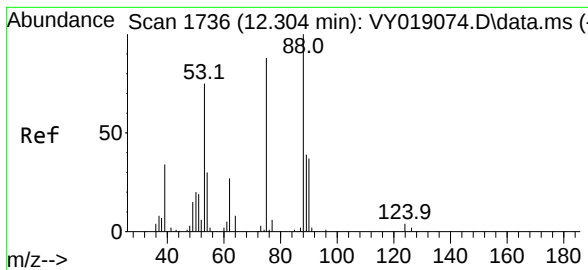
Tgt Ion: 43	Resp:	38	
Ion	Ratio	Lower	Upper
43	100		
70	0.0	41.4	62.2#
55	0.0	23.3	34.9#
61	0.0	22.6	33.8#



#76
1,2,3-Trichloropropane
Concen: 105.301 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019094.D
Acq: 16 Aug 2024 15:26

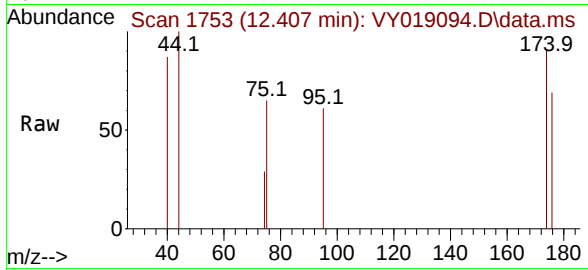
Tgt Ion: 75	Resp:	216	
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 260.059 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019094.D
 Acq: 16 Aug 2024 15:26

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	216
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

