

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019516.D
 Acq On : 11 Sep 2024 18:03
 Operator : SY/MD
 Sample : P3911-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:34:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

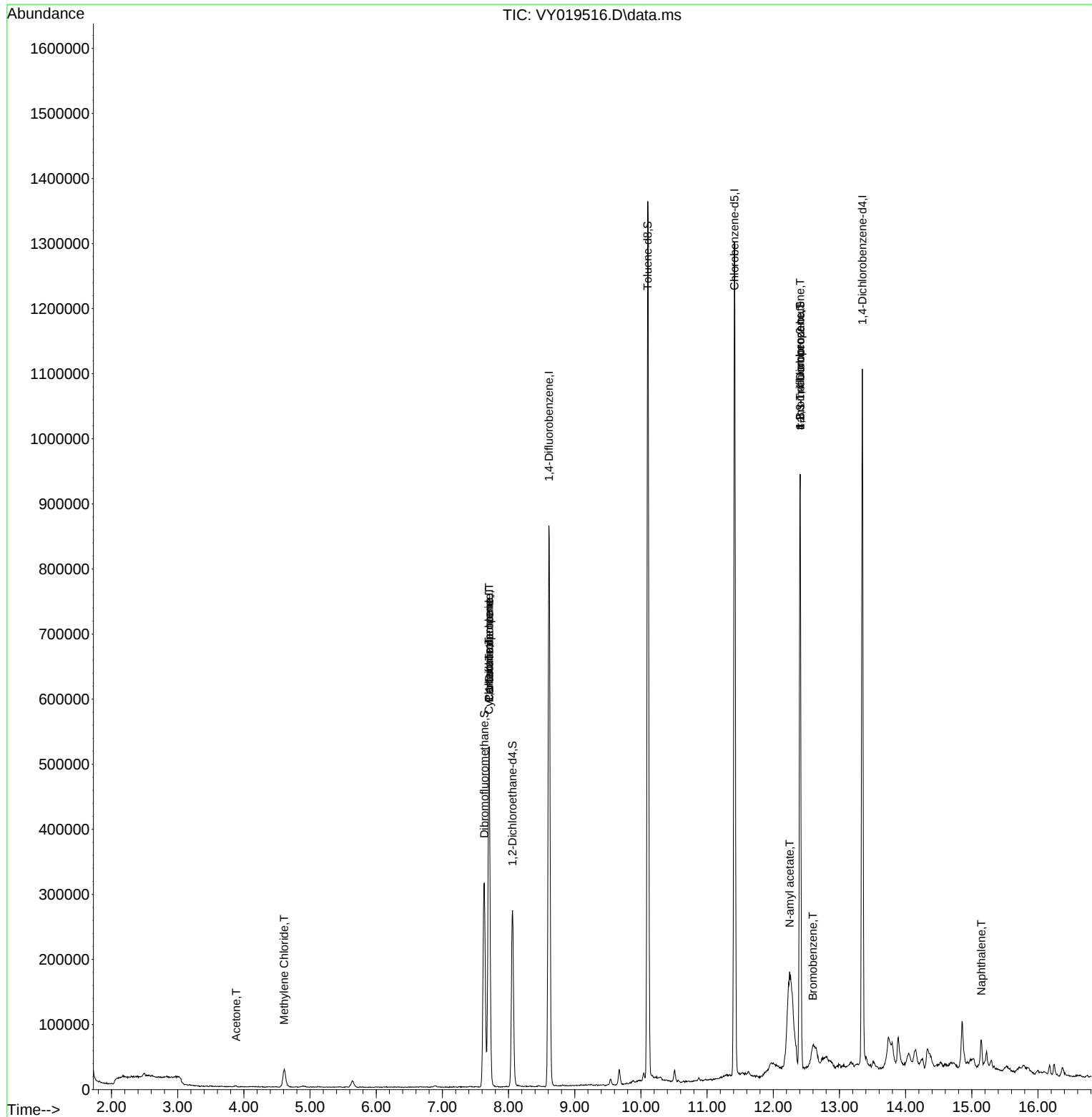
Internal Standards						
1) Pentafluorobenzene	7.707	168	383040	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	728157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	660863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	258483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	218836	61.698	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.400%	
35) Dibromofluoromethane	7.634	113	228017	55.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.460%	
50) Toluene-d8	10.103	98	880848	57.683	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.360%	
62) 4-Bromofluorobenzene	12.407	95	291325	49.616	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 99.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.854	85	75	Below Cal	#	43
13) Acrolein	3.659	56	481	Below Cal		84
16) Acetone	3.884	43	2294	2.715	ug/l	87
20) Methylene Chloride	4.610	84	19626	5.093	ug/l	# 83
31) Cyclohexane	7.701	56	9319	1.468	ug/l	# 45
36) 1,1-Dichloropropene	7.707	75	33234	5.916	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	41481	6.548	ug/l	# 16
74) N-amyl acetate	12.249	43	156194	30.627	ug/l	# 62
76) 1,2,3-Trichloropropane	12.407	75	156340	64.530	ug/l	# 100
77) Bromobenzene	12.596	156	33377	8.025	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.407	75	156340	123.880	ug/l	# 16
95) Naphthalene	15.145	128	29584	3.368	ug/l	95

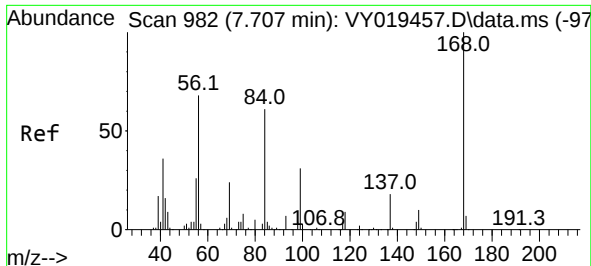
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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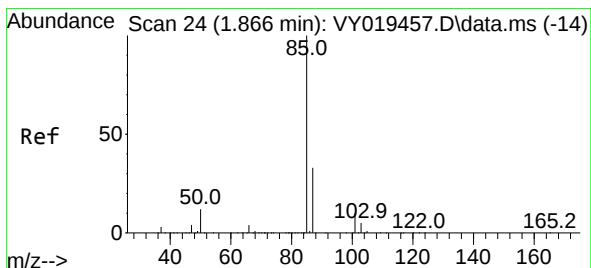
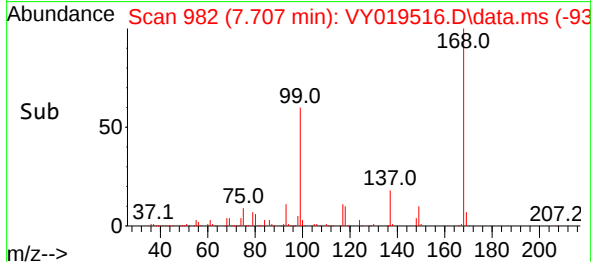
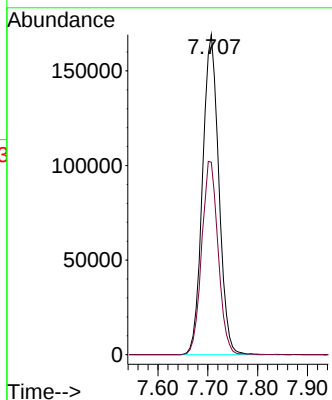
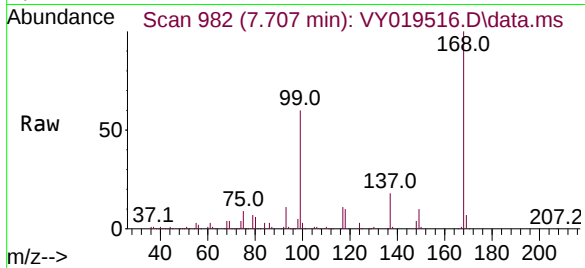




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019516.D
Acq: 11 Sep 2024 18:03

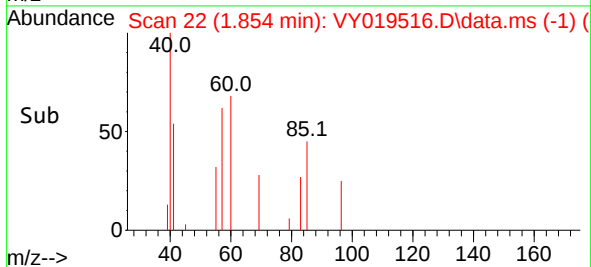
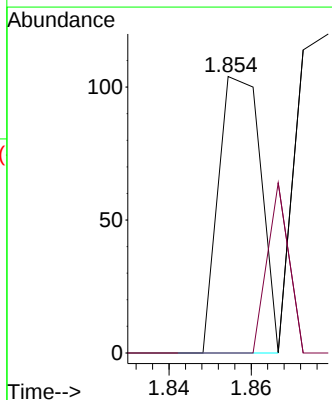
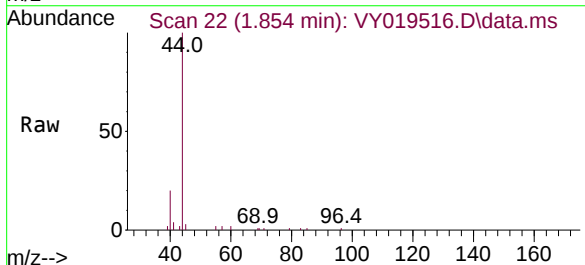
Instrument :
MSVOA_Y
ClientSampleId :

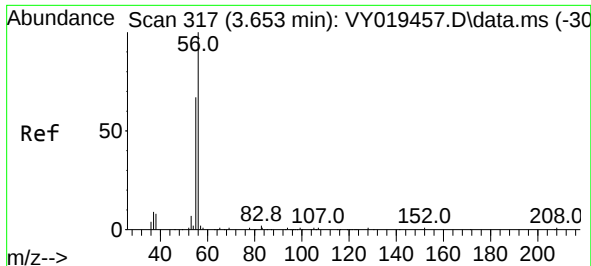
Tgt Ion:168 Resp: 383040
Ion Ratio Lower Upper
168 100
99 60.2 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.854 min Scan# 22
Delta R.T. -0.012 min
Lab File: VY019516.D
Acq: 11 Sep 2024 18:03

Tgt Ion: 85 Resp: 75
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

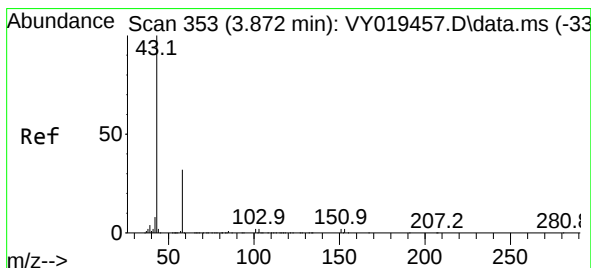
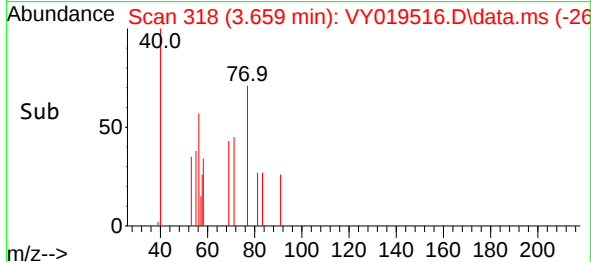
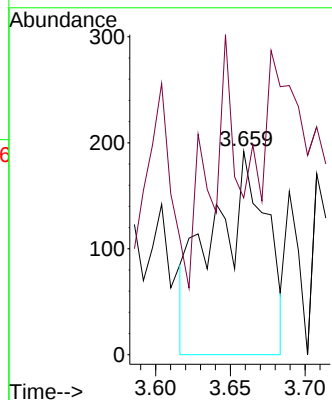
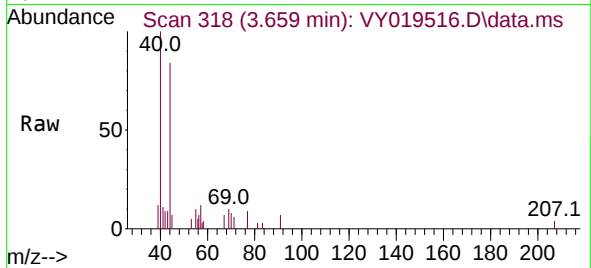




#13
Acrolein
Concen: Below Cal
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY019516.D
Acq: 11 Sep 2024 18:03

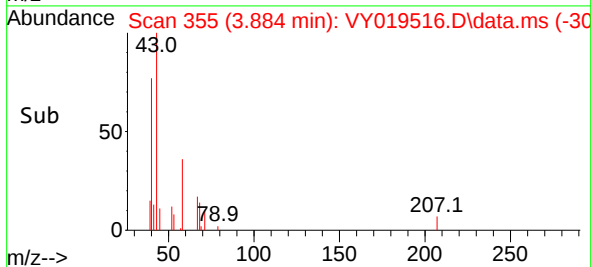
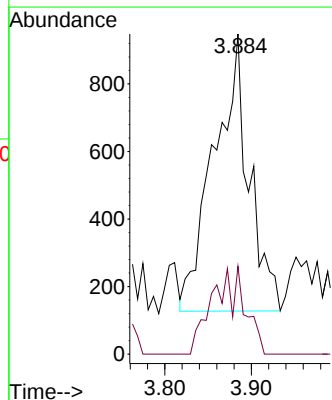
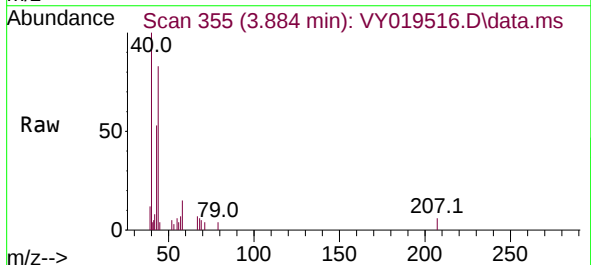
Instrument :
MSVOA_Y
ClientSampleId :

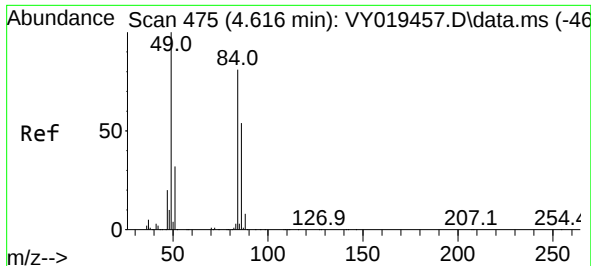
Tgt Ion: 56 Resp: 481
Ion Ratio Lower Upper
56 100
55 56.1 55.7 83.5



#16
Acetone
Concen: 2.715 ug/l
RT: 3.884 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY019516.D
Acq: 11 Sep 2024 18:03

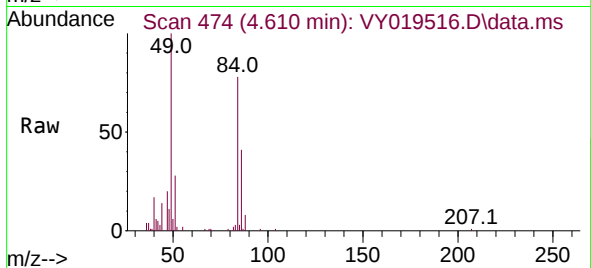
Tgt Ion: 43 Resp: 2294
Ion Ratio Lower Upper
43 100
58 31.7 31.7 47.5





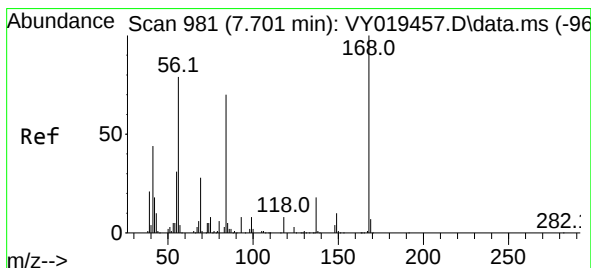
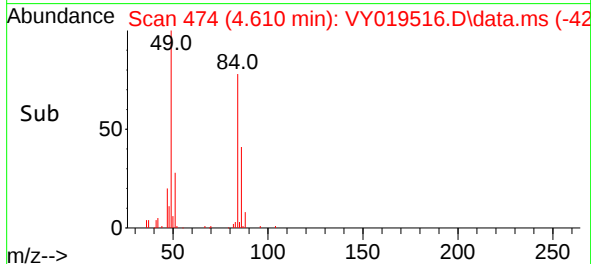
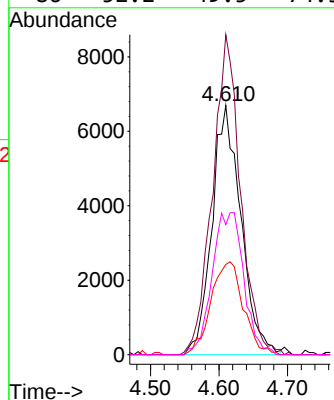
#20
Methylene Chloride
Concen: 5.093 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019516.D
Acq: 11 Sep 2024 18:03

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 19626

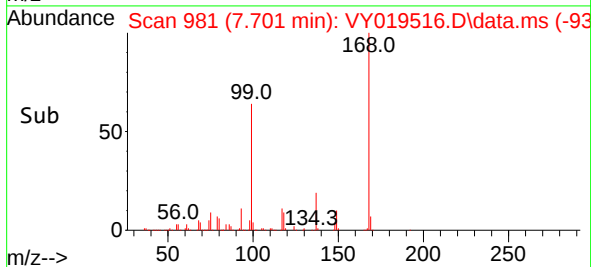
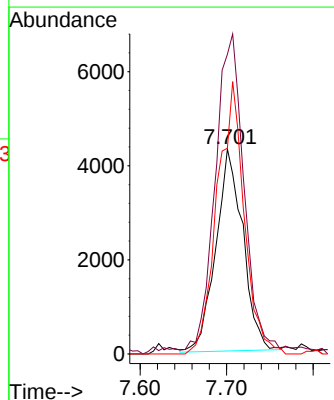
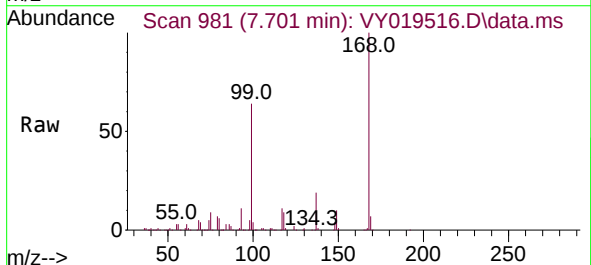
Ion	Ratio	Lower	Upper
84	100		
49	128.4	84.4	126.6#
51	36.2	26.0	39.0
86	52.2	49.5	74.3

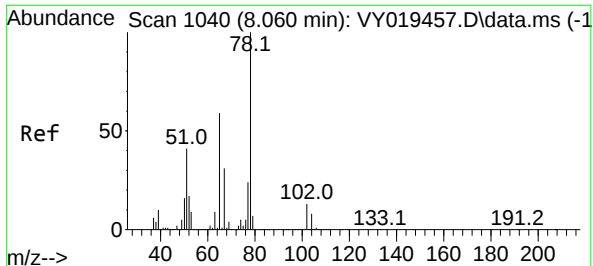


#31
Cyclohexane
Concen: 1.468 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019516.D
Acq: 11 Sep 2024 18:03

Tgt Ion: 56 Resp: 9319

Ion	Ratio	Lower	Upper
56	100		
69	147.4	28.7	43.1#
84	102.5	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 61.698 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019516.D

Acq: 11 Sep 2024 18:03

Instrument :

MSVOA_Y

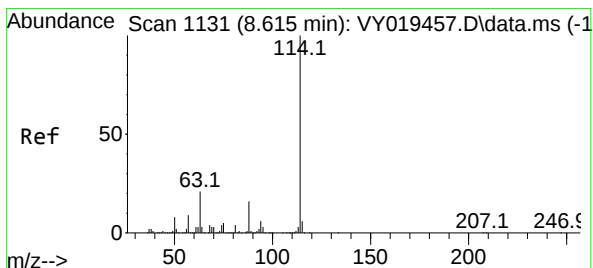
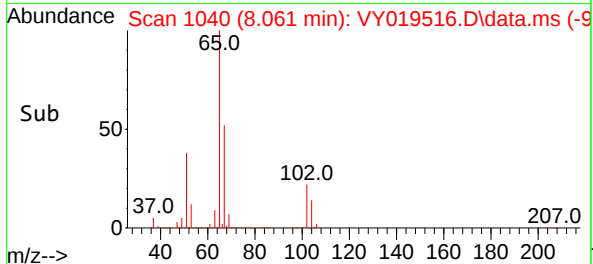
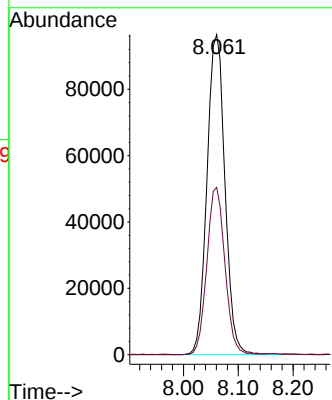
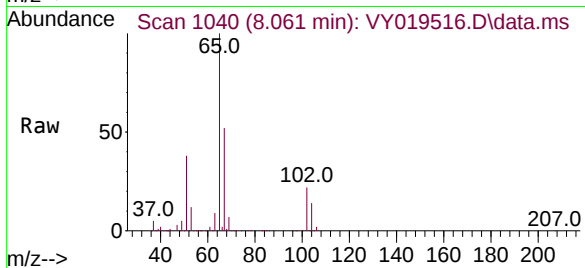
ClientSampleId :

Tgt Ion: 65 Resp: 218836

Ion Ratio Lower Upper

65 100

67 52.6 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: VY019516.D

Acq: 11 Sep 2024 18:03

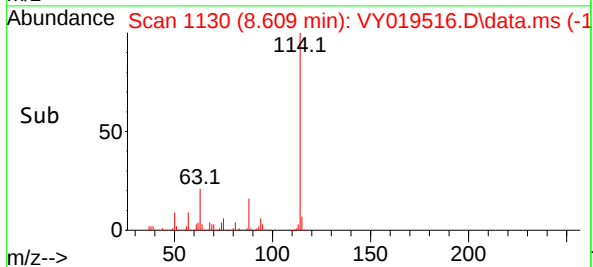
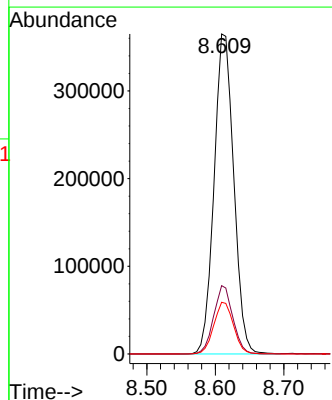
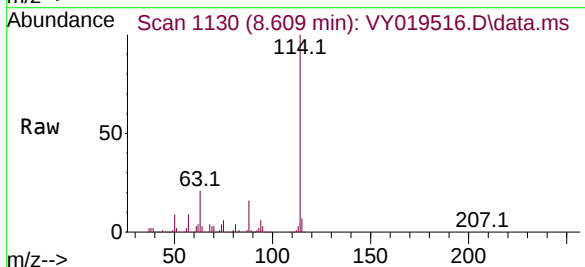
Tgt Ion: 114 Resp: 728157

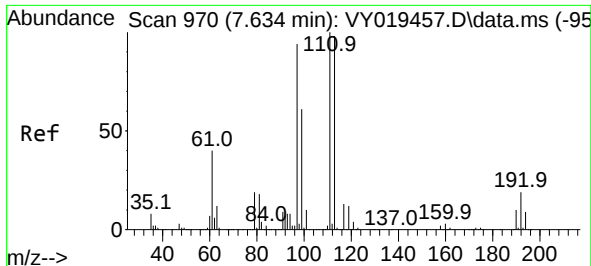
Ion Ratio Lower Upper

114 100

63 21.4 0.0 35.0

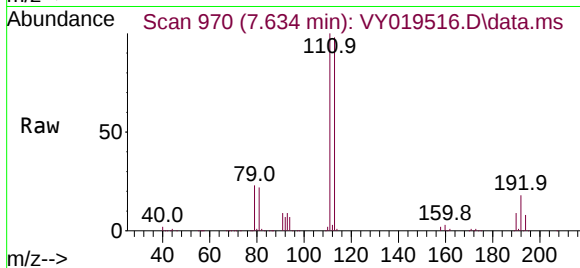
88 16.1 0.0 27.2



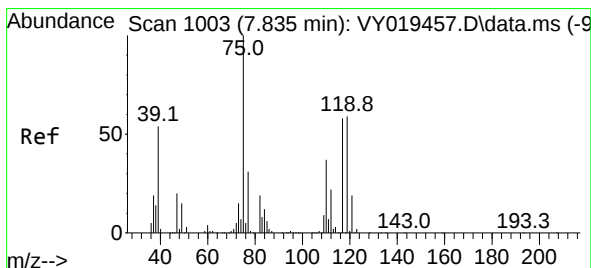
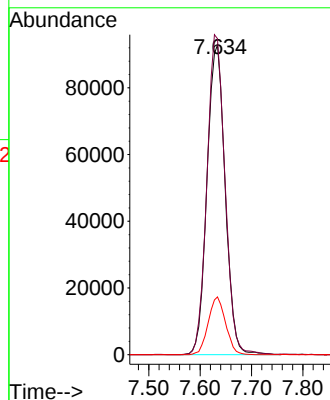
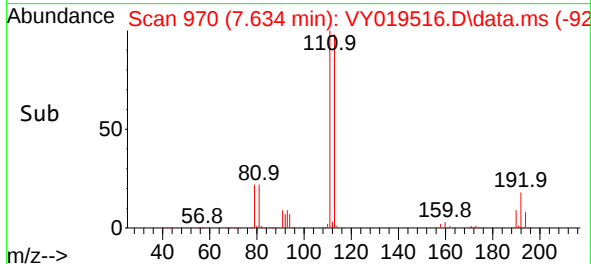


#35
Dibromofluoromethane
Concen: 55.230 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019516.D
Acq: 11 Sep 2024 18:03

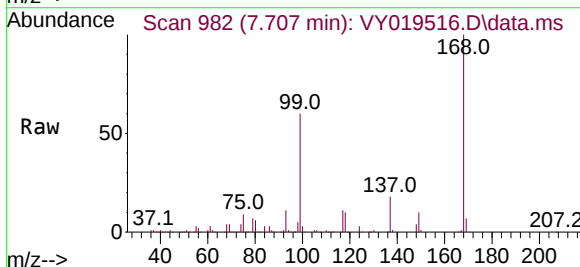
Instrument :
MSVOA_Y
ClientSampleId :



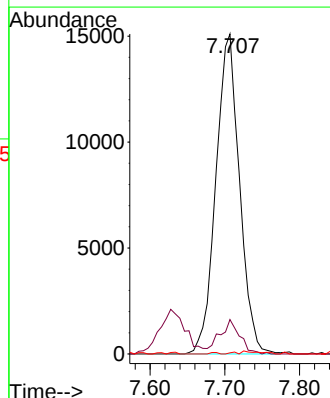
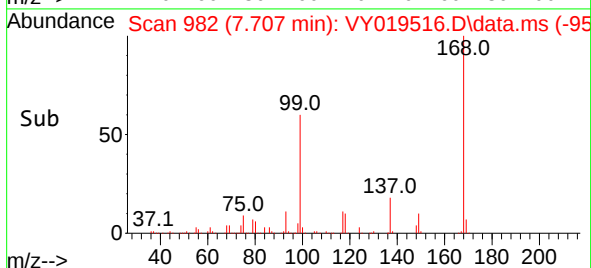
Tgt Ion:113 Resp: 228017
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 17.8 15.9 23.9

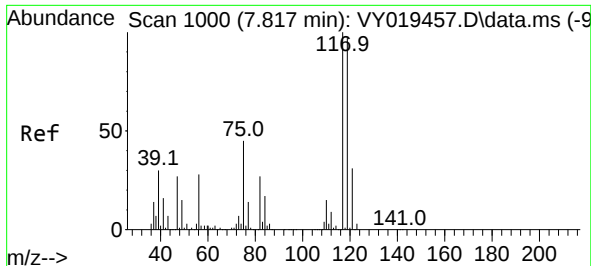


#36
1,1-Dichloropropene
Concen: 5.916 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019516.D
Acq: 11 Sep 2024 18:03



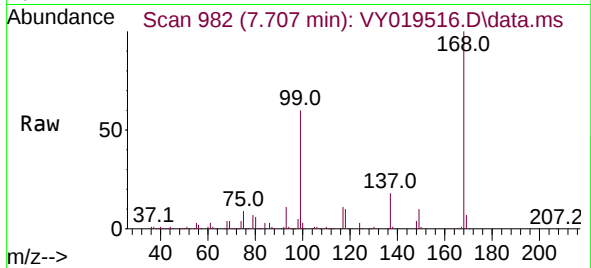
Tgt Ion: 75 Resp: 33234
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.2 25.3 37.9#



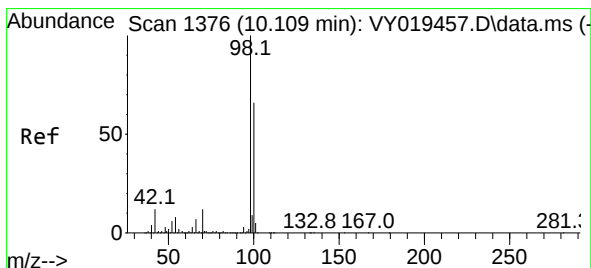
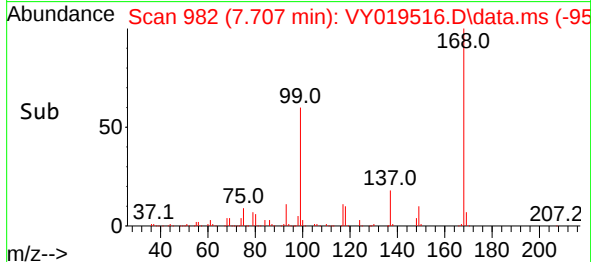
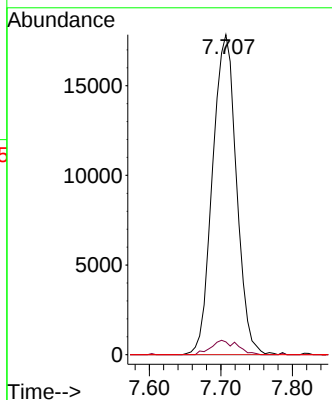


#38
Carbon Tetrachloride
Concen: 6.548 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019516.D
Acq: 11 Sep 2024 18:03

Instrument :
MSVOA_Y
ClientSampleId :

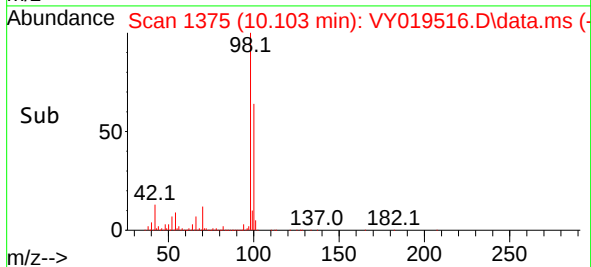
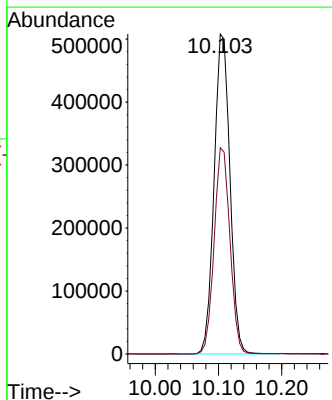
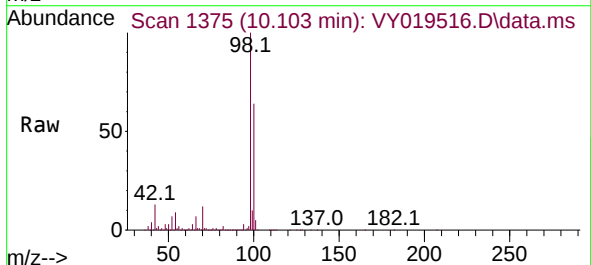


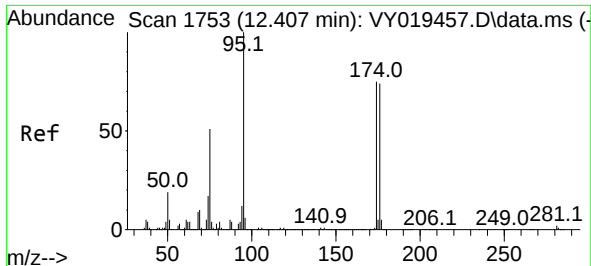
Tgt Ion:117 Resp: 41481
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 57.683 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019516.D
Acq: 11 Sep 2024 18:03

Tgt Ion: 98 Resp: 880848
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

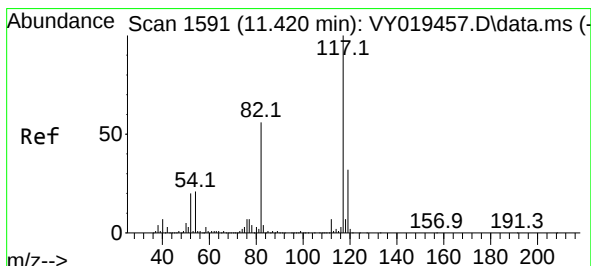
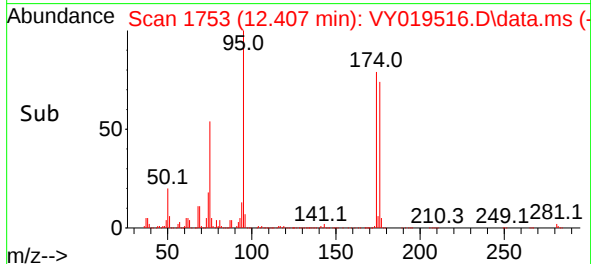
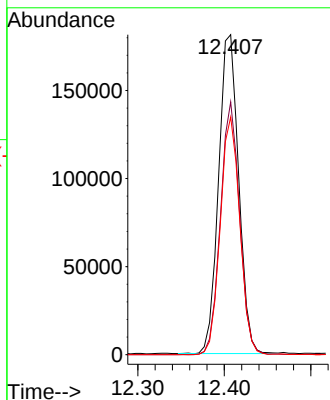
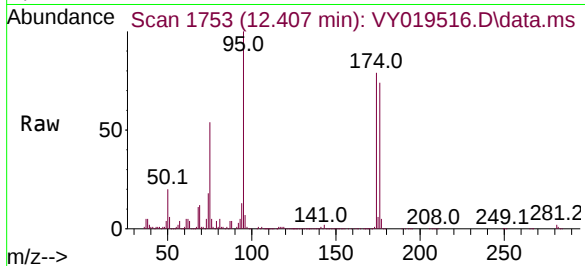




#62
4-Bromofluorobenzene
Concen: 49.616 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019516.D
Acq: 11 Sep 2024 18:03

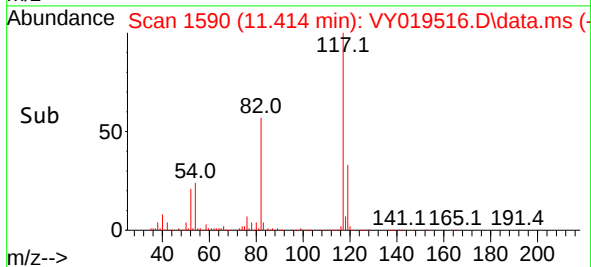
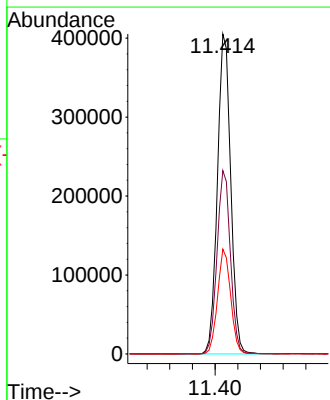
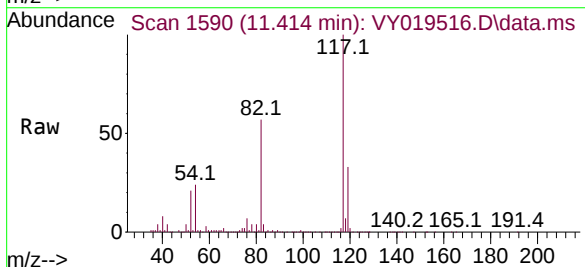
Instrument :
MSVOA_Y
ClientSampleId :

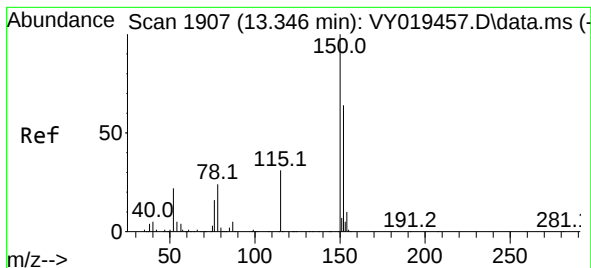
Tgt Ion: 95 Resp: 291325
Ion Ratio Lower Upper
95 100
174 75.7 0.0 175.6
176 72.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019516.D
Acq: 11 Sep 2024 18:03

Tgt Ion: 117 Resp: 660863
Ion Ratio Lower Upper
117 100
82 57.3 42.4 63.6
119 32.7 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: VY019516.D

Acq: 11 Sep 2024 18:03

Instrument :

MSVOA_Y

ClientSampleId :

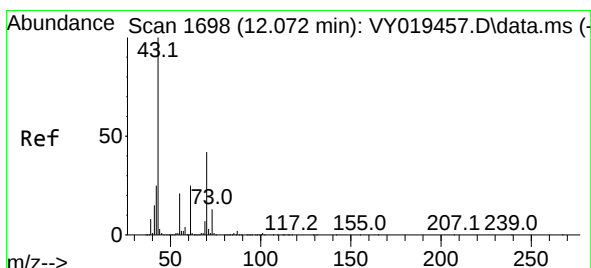
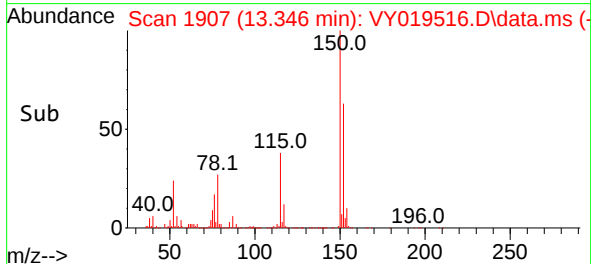
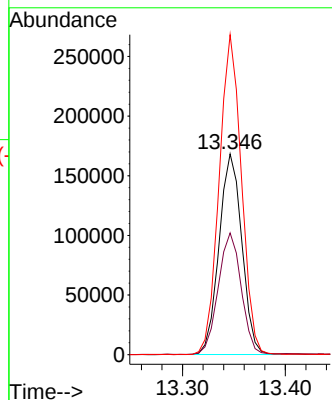
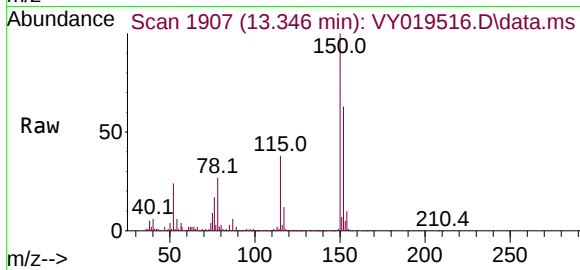
Tgt Ion:152 Resp: 258483

Ion Ratio Lower Upper

152 100

115 60.7 28.2 84.7

150 155.6 0.0 345.6



#74

N-ethyl acetate

Concen: 30.627 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. 0.177 min

Lab File: VY019516.D

Acq: 11 Sep 2024 18:03

Tgt Ion: 43 Resp: 156194

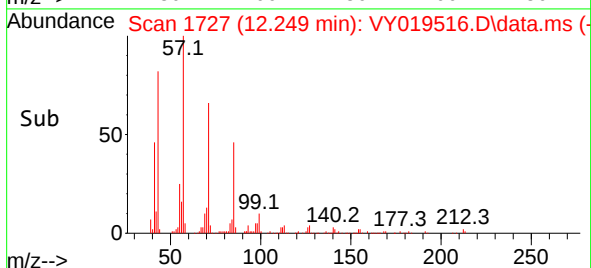
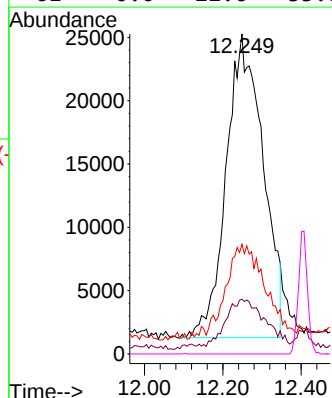
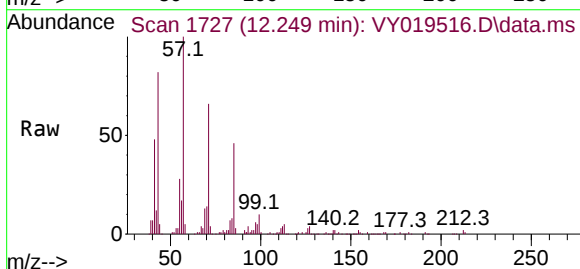
Ion Ratio Lower Upper

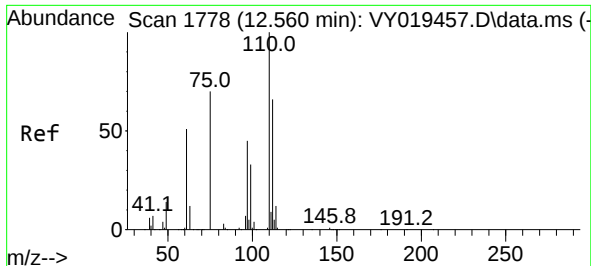
43 100

70 15.5 41.4 62.2#

55 29.2 23.3 34.9

61 0.0 22.6 33.8#

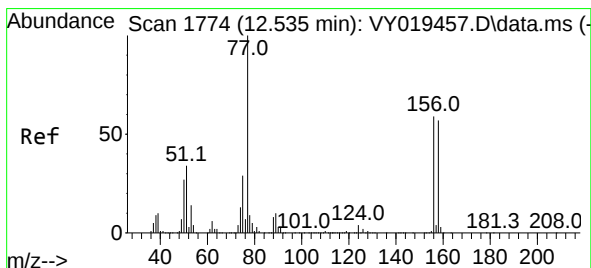
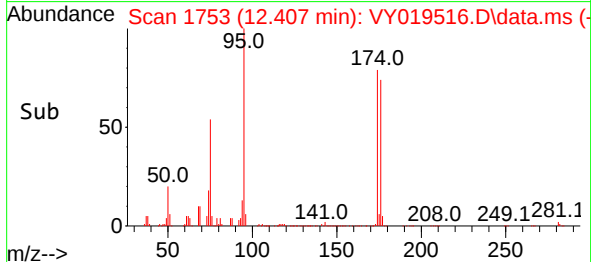
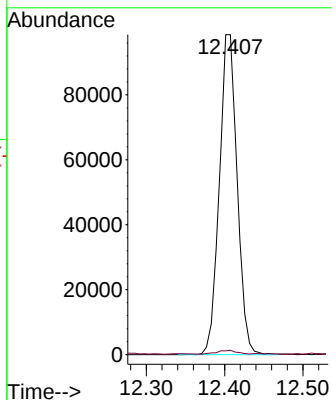
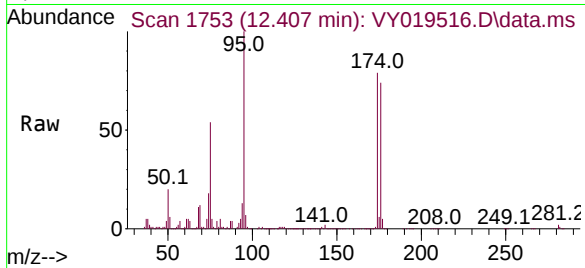




#76
1,2,3-Trichloropropane
Concen: 64.530 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019516.D
Acq: 11 Sep 2024 18:03

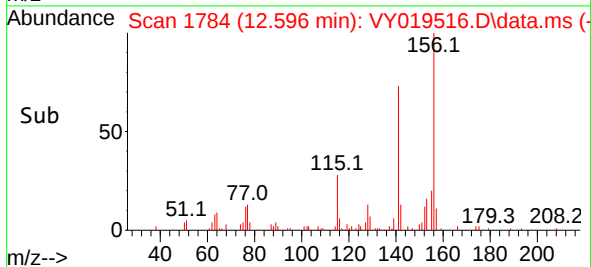
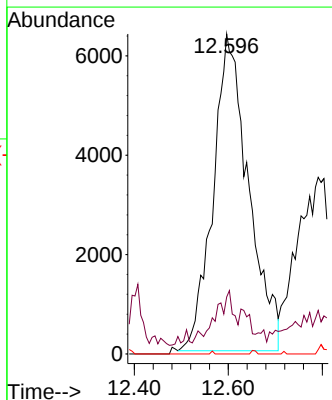
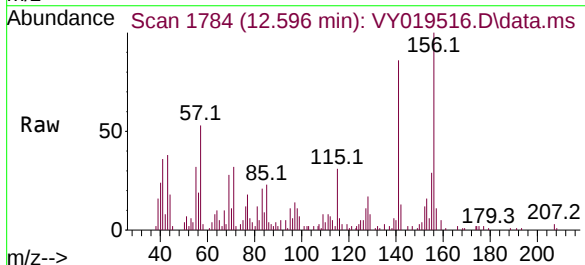
Instrument :
MSVOA_Y
ClientSampleId :

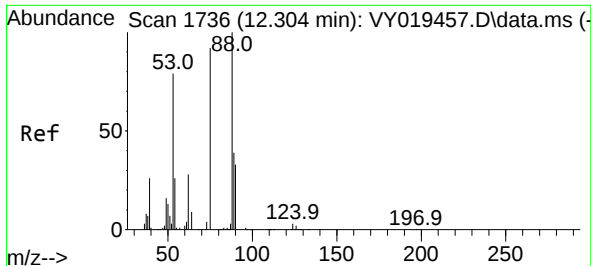
Tgt Ion: 75 Resp: 156340
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#77
Bromobenzene
Concen: 8.025 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.061 min
Lab File: VY019516.D
Acq: 11 Sep 2024 18:03

Tgt Ion:156 Resp: 33377
Ion Ratio Lower Upper
156 100
77 6.1 87.1 261.3#
158 0.0 48.6 145.9#

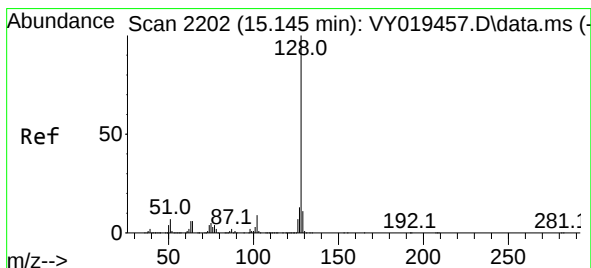
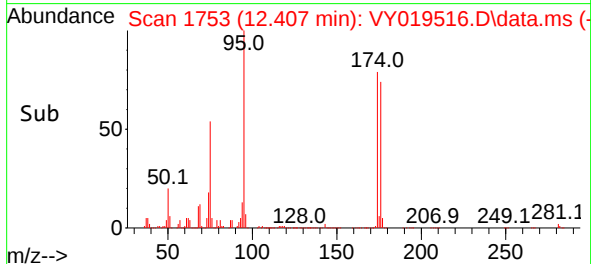
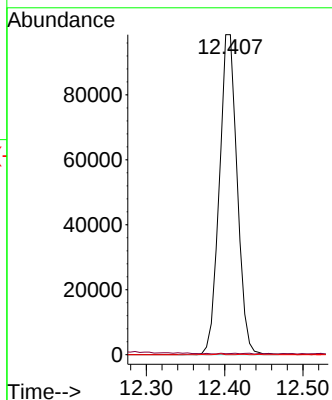
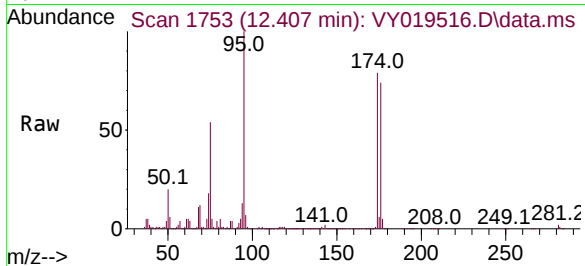




#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.880 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. 0.104 min
 Lab File: VY019516.D
 Acq: 11 Sep 2024 18:03

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 156340
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#



#95
 Naphthalene
 Concen: 3.368 ug/l
 RT: 15.145 min Scan# 2202
 Delta R.T. 0.000 min
 Lab File: VY019516.D
 Acq: 11 Sep 2024 18:03

Tgt Ion:128 Resp: 29584
 Ion Ratio Lower Upper
 128 100
 127 15.6 10.6 16.0
 129 12.5 8.6 13.0

