

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
 Data File : VY019665.D
 Acq On : 23 Sep 2024 14:04
 Operator : SY/MD
 Sample : P4103-13
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 24 01:45:37 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)

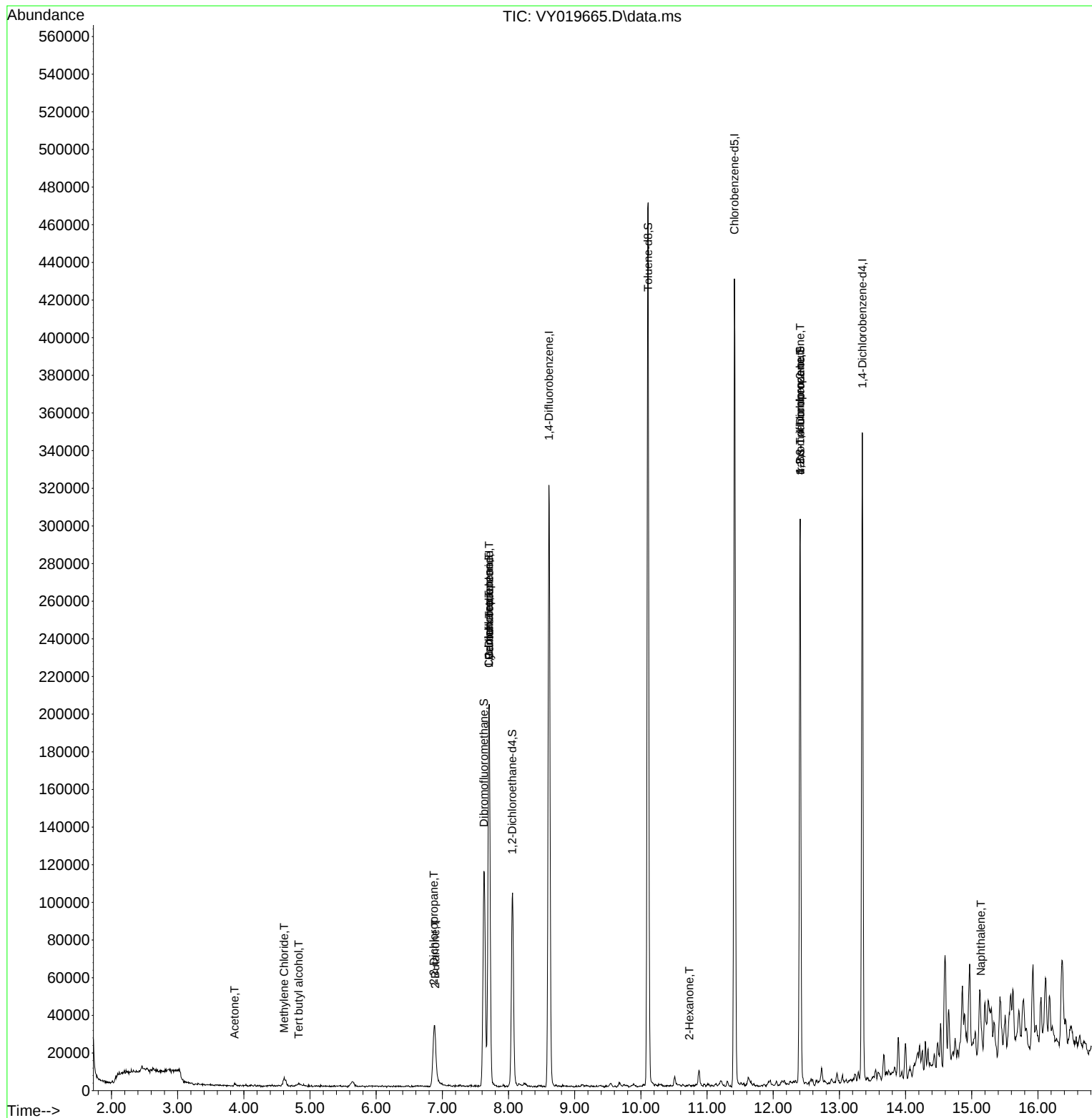
Internal Standards						
1) Pentafluorobenzene	7.707	168	155295	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	269496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	222057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	82425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	83425	58.015	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.020%	
35) Dibromofluoromethane	7.628	113	83021	54.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.660%	
50) Toluene-d8	10.109	98	305877	54.121	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.240%	
62) 4-Bromofluorobenzene	12.408	95	95495	43.944	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.880%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	82	Below Cal	#	43
11) Tert butyl alcohol	4.830	59	1804	15.534	ug/l	98
13) Acrolein	3.641	56	31	Below Cal	#	15
16) Acetone	3.860	43	1271	3.710	ug/l	# 75
20) Methylene Chloride	4.610	84	2787	1.784	ug/l	# 82
25) 2-Butanone	6.890	43	2671	5.482	ug/l	# 77
26) 2,2-Dichloropropane	6.872	77	2616	1.019	ug/l	# 51
31) Cyclohexane	7.701	56	3807	1.479	ug/l	# 19
36) 1,1-Dichloropropene	7.701	75	12882	6.196	ug/l	# 49
38) Carbon Tetrachloride	7.707	117	15746	6.716	ug/l	# 16
59) 2-Hexanone	10.731	43	890	1.078	ug/l	# 19
76) 1,2,3-Trichloropropane	12.408	75	50606	65.504	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	50606	125.749	ug/l	# 16
95) Naphthalene	15.139	128	7976	2.848	ug/l	# 86

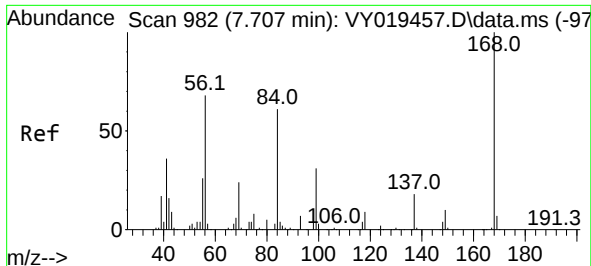
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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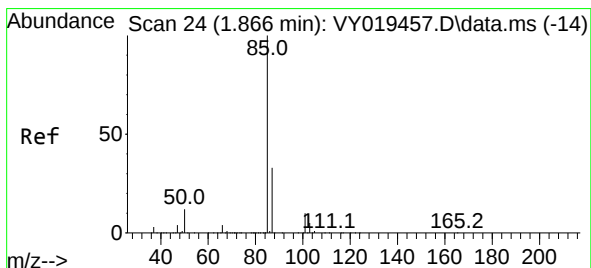
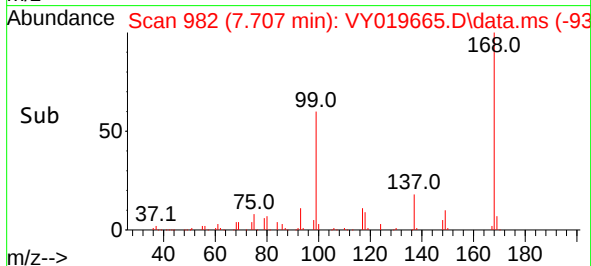
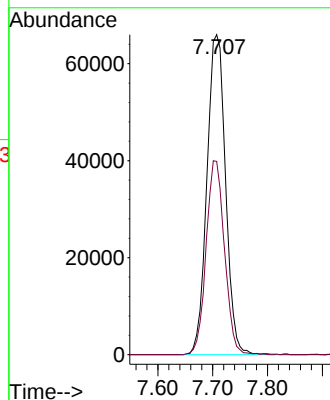
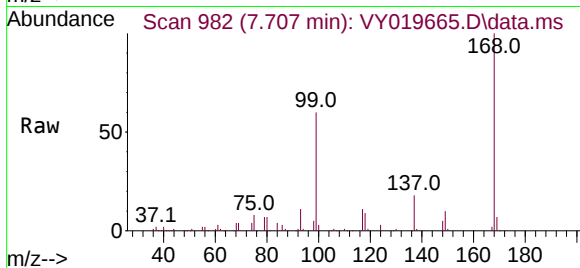




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019665.D
Acq: 23 Sep 2024 14:04

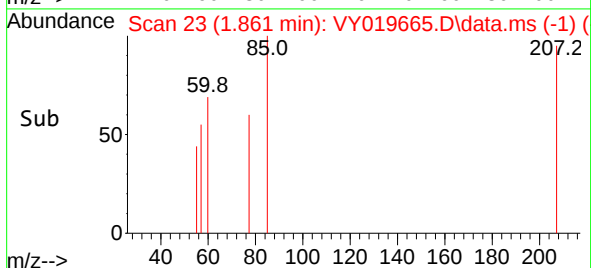
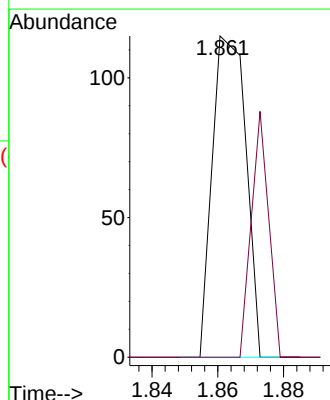
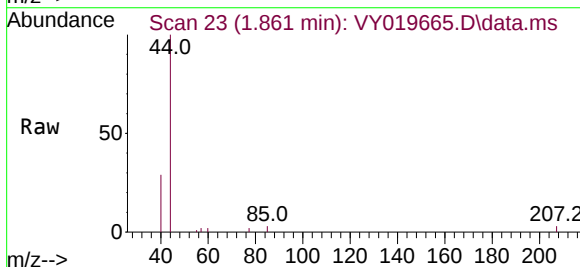
Instrument :
MSVOA_Y
ClientSampleId :

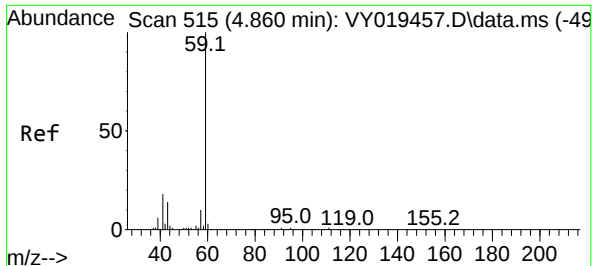
Tgt Ion:168 Resp: 155295
Ion Ratio Lower Upper
168 100
99 60.4 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019665.D
Acq: 23 Sep 2024 14:04

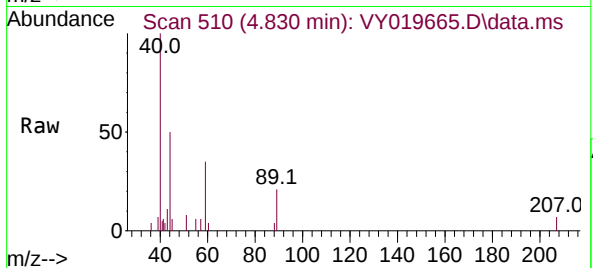
Tgt Ion: 85 Resp: 82
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



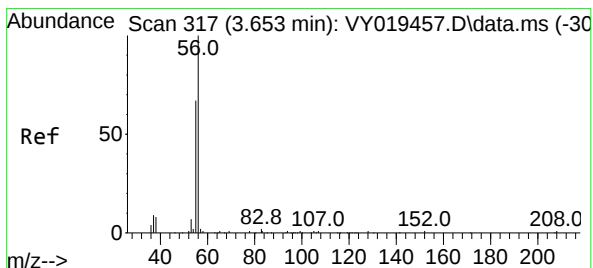
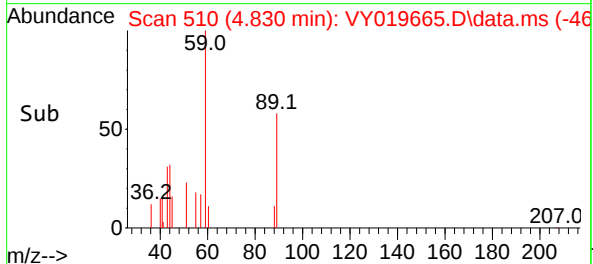
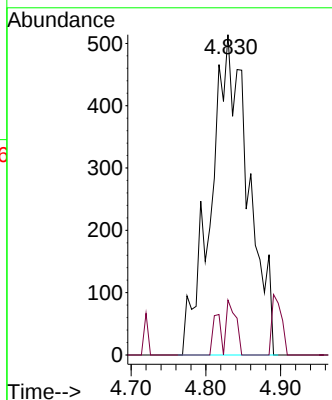


#11
Tert butyl alcohol
Concen: 15.534 ug/l
RT: 4.830 min Scan# 51
Delta R.T. -0.030 min
Lab File: VY019665.D
Acq: 23 Sep 2024 14:04

Instrument :
MSVOA_Y
ClientSampleId :

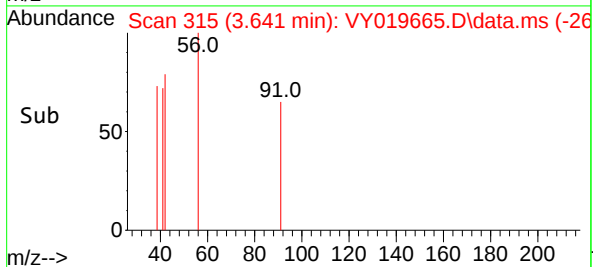
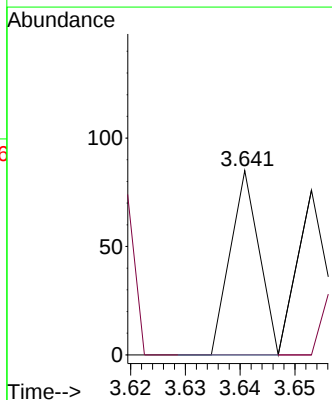
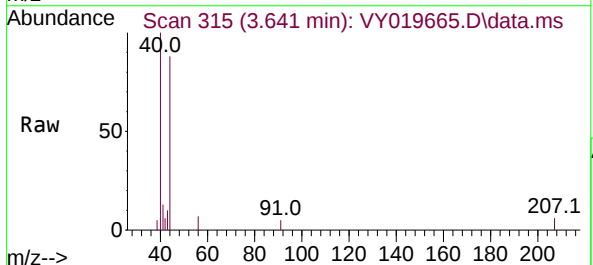


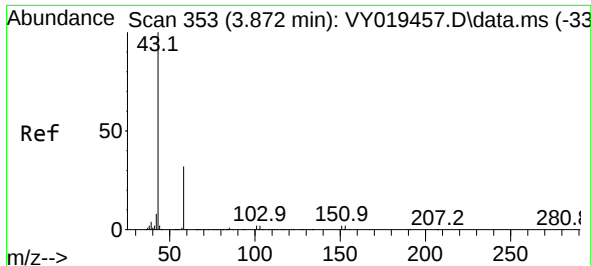
Tgt Ion: 59 Resp: 1804
Ion Ratio Lower Upper
59 100
57 4.4 3.0 4.6



#13
Acrolein
Concen: Below Cal
RT: 3.641 min Scan# 315
Delta R.T. -0.012 min
Lab File: VY019665.D
Acq: 23 Sep 2024 14:04

Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#

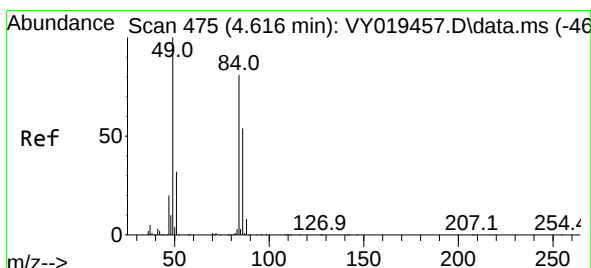
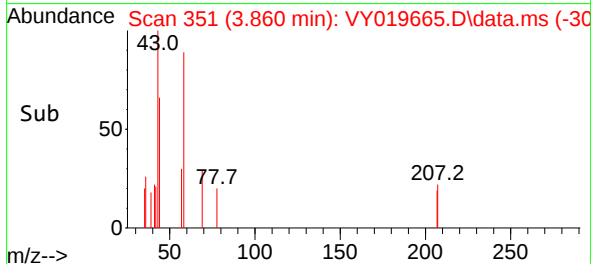
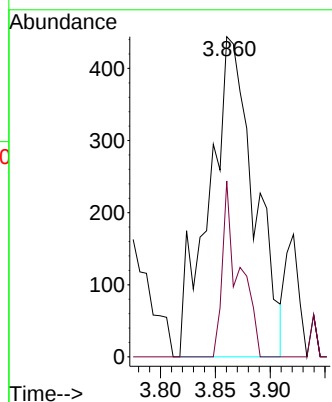
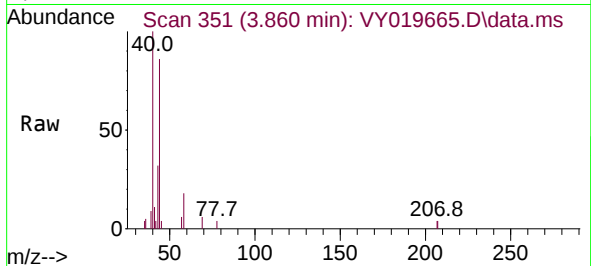




#16
Acetone
Concen: 3.710 ug/l
RT: 3.860 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY019665.D
Acq: 23 Sep 2024 14:04

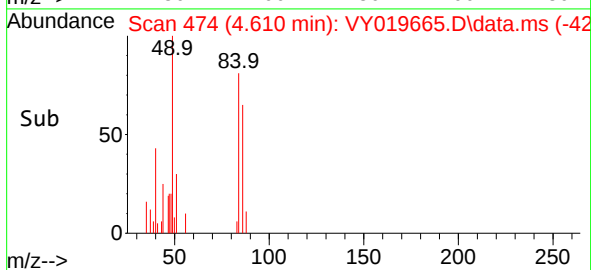
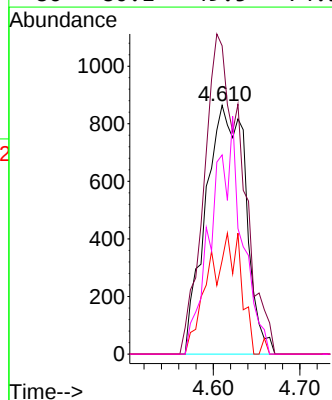
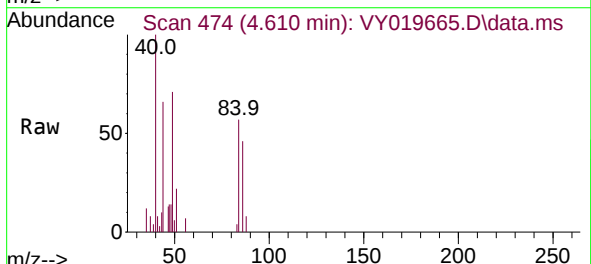
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1271
Ion Ratio Lower Upper
43 100
58 55.0 31.7 47.5#



#20
Methylene Chloride
Concen: 1.784 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019665.D
Acq: 23 Sep 2024 14:04

Tgt Ion: 84 Resp: 2787
Ion Ratio Lower Upper
84 100
49 124.0 84.4 126.6
51 37.6 26.0 39.0
86 80.1 49.5 74.3#

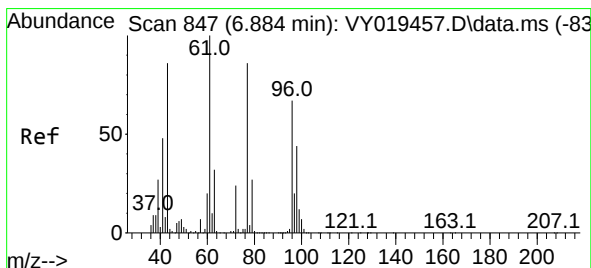
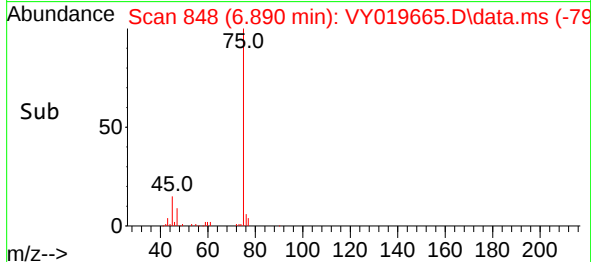
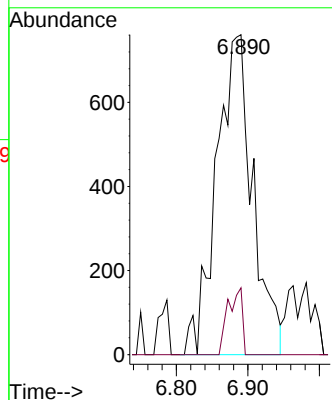
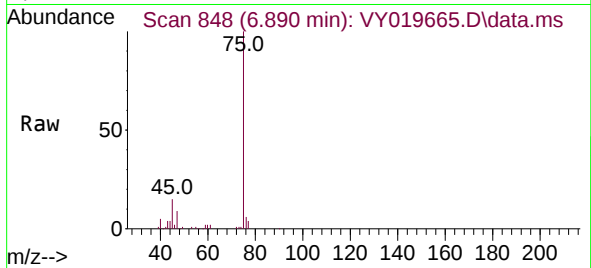




#25
2-Butanone
Concen: 5.482 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019665.D
Acq: 23 Sep 2024 14:04

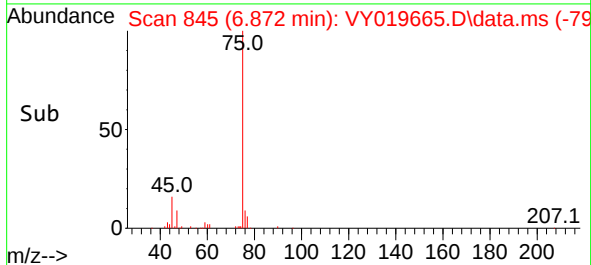
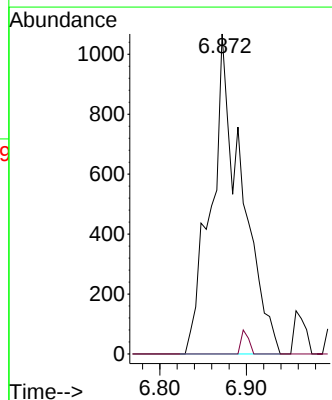
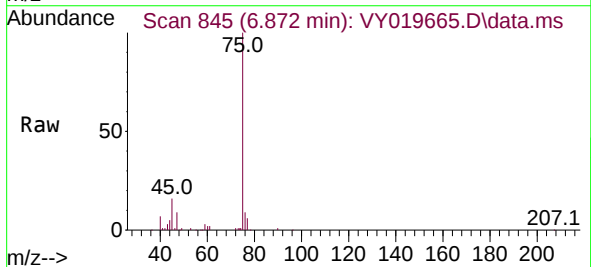
Instrument :
MSVOA_Y
ClientSampleId :

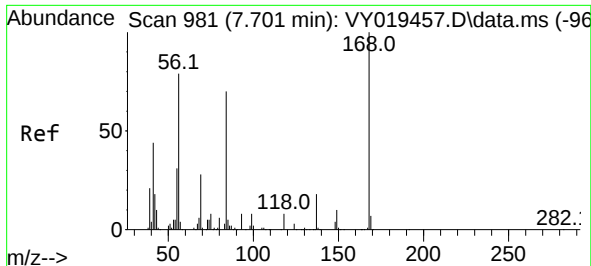
Tgt Ion: 43 Resp: 2671
Ion Ratio Lower Upper
43 100
72 20.9 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 1.019 ug/l
RT: 6.872 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY019665.D
Acq: 23 Sep 2024 14:04

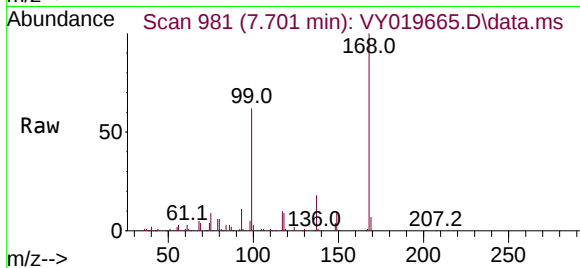
Tgt Ion: 77 Resp: 2616
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#



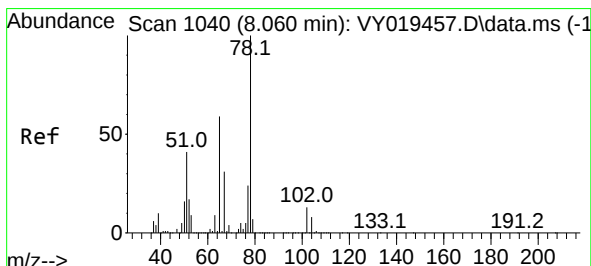
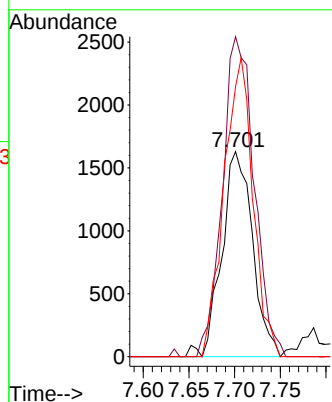
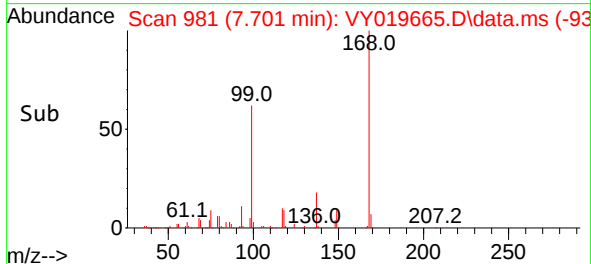


#31
Cyclohexane
Concen: 1.479 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019665.D
Acq: 23 Sep 2024 14:04

Instrument :
MSVOA_Y
ClientSampleId :

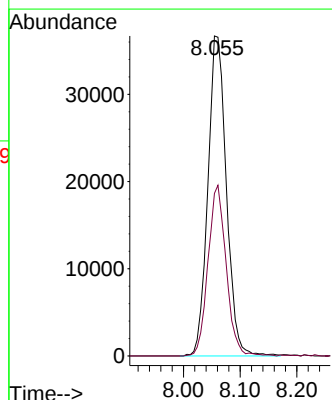
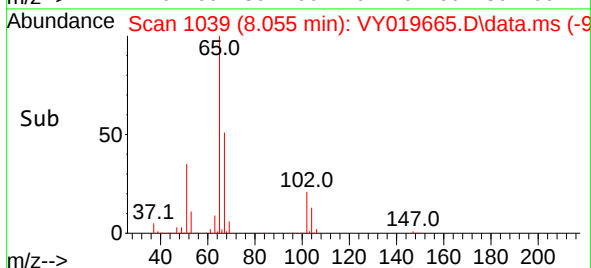
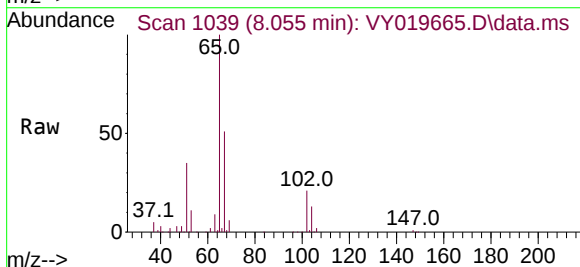


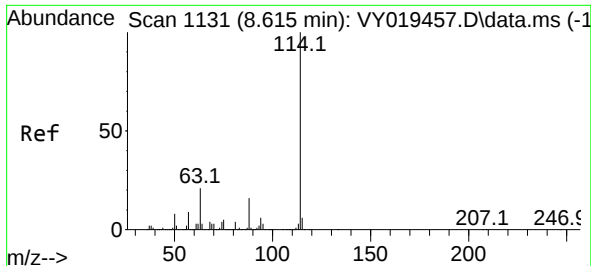
Tgt Ion: 56 Resp: 3807
Ion Ratio Lower Upper
56 100
69 156.0 28.7 43.1#
84 131.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 58.015 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019665.D
Acq: 23 Sep 2024 14:04

Tgt Ion: 65 Resp: 83425
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1131

Delta R.T. -0.006 min

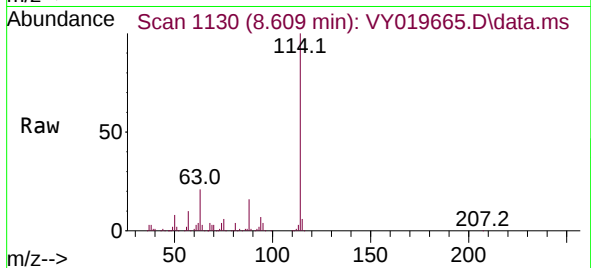
Lab File: VY019665.D

Acq: 23 Sep 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :



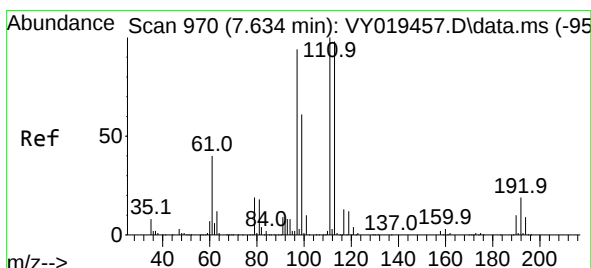
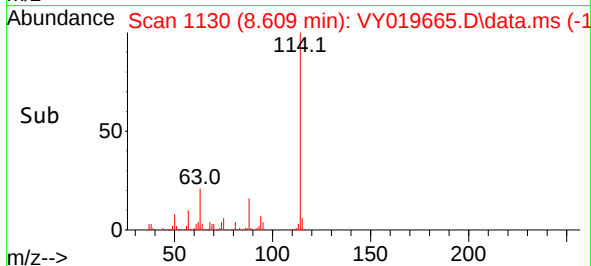
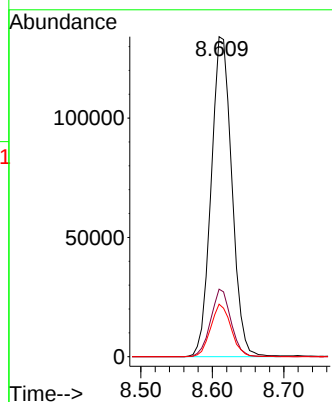
Tgt Ion:114 Resp: 269496

Ion Ratio Lower Upper

114 100

63 21.1 0.0 35.0

88 16.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.333 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019665.D

Acq: 23 Sep 2024 14:04

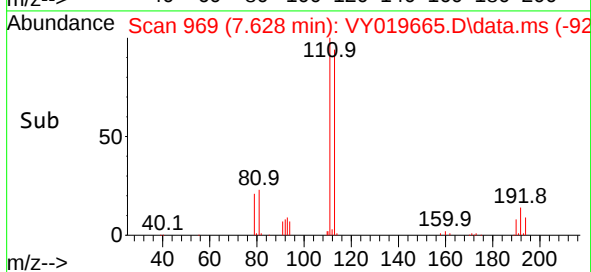
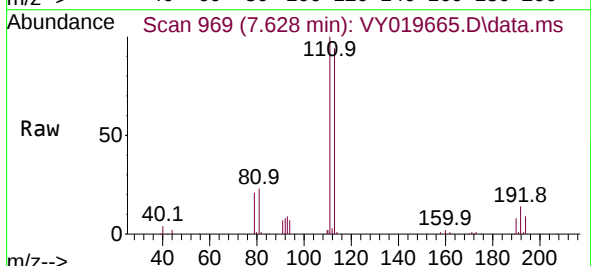
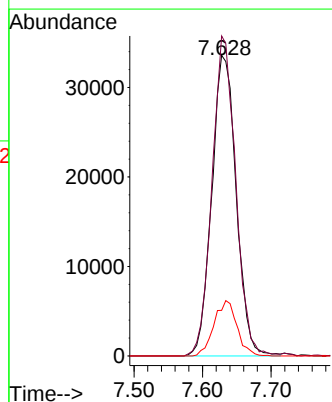
Tgt Ion:113 Resp: 83021

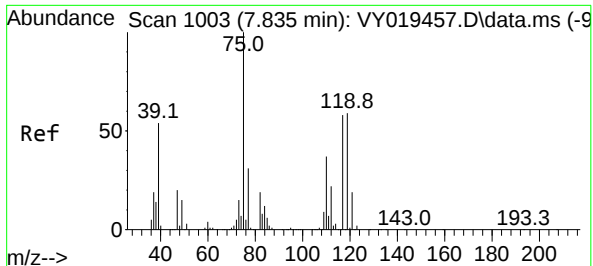
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 17.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.196 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.134 min

Lab File: VY019665.D

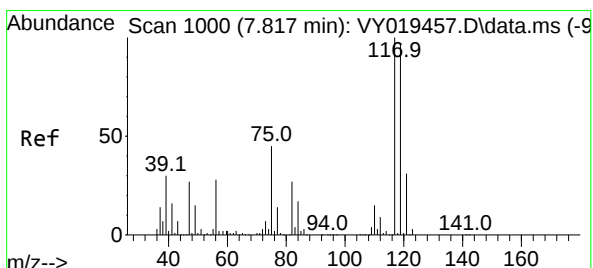
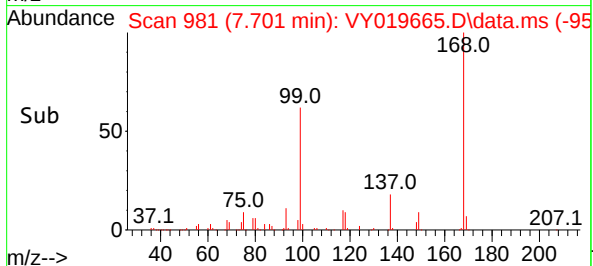
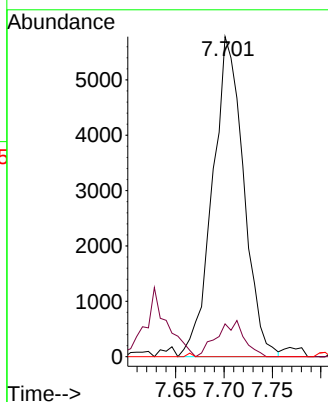
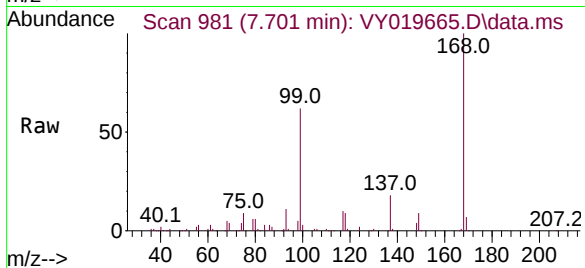
Acq: 23 Sep 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	12882
Ion	Ratio	Lower	Upper
75	100		
110	10.0	19.0	57.0#
77	0.0	25.3	37.9#



#38

Carbon Tetrachloride

Concen: 6.716 ug/l

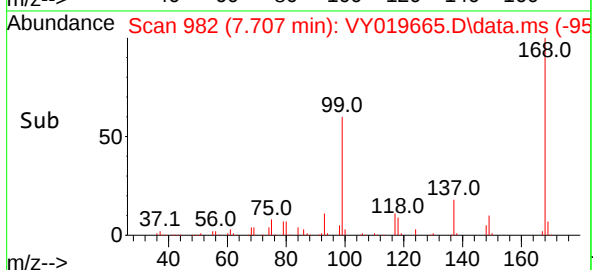
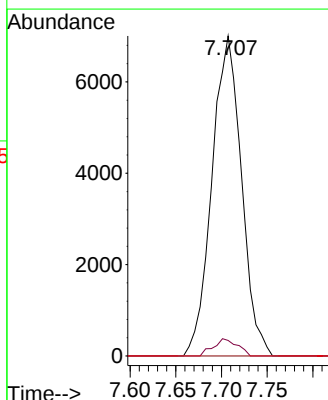
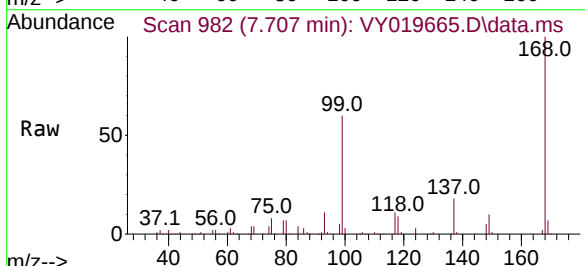
RT: 7.707 min Scan# 982

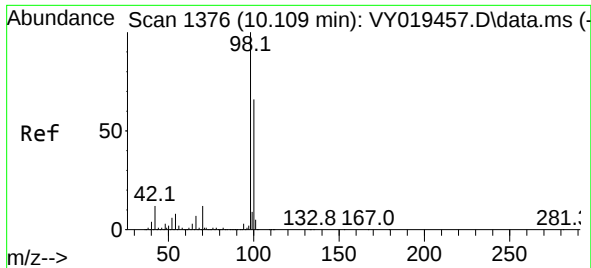
Delta R.T. -0.109 min

Lab File: VY019665.D

Acq: 23 Sep 2024 14:04

Tgt Ion:	117	Resp:	15746
Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.8	113.6#
121	0.0	24.0	36.0#

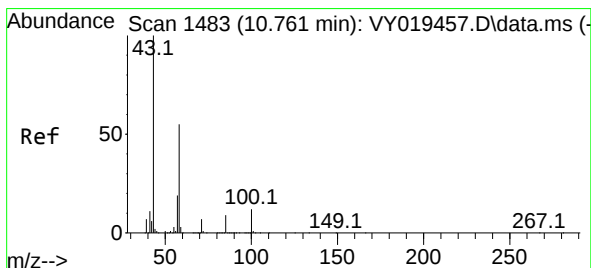
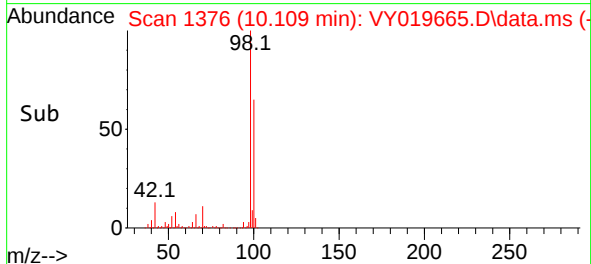
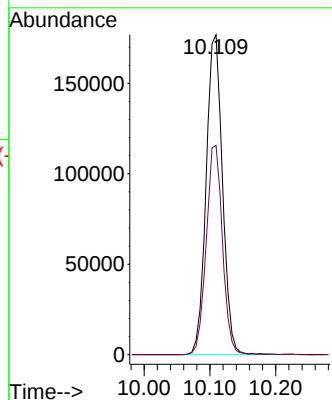
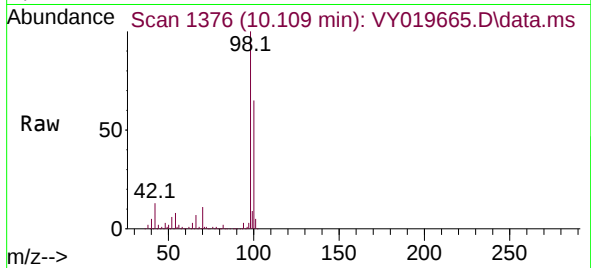




#50
Toluene-d8
Concen: 54.121 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019665.D
Acq: 23 Sep 2024 14:04

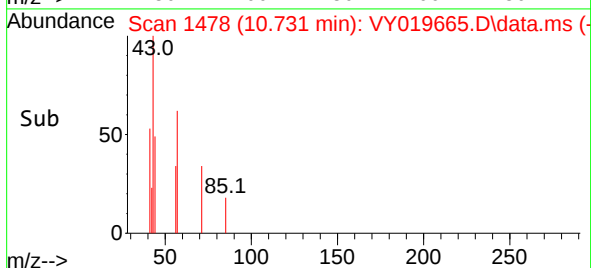
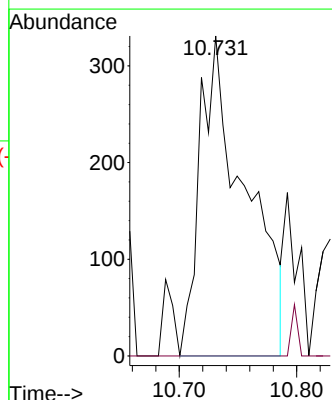
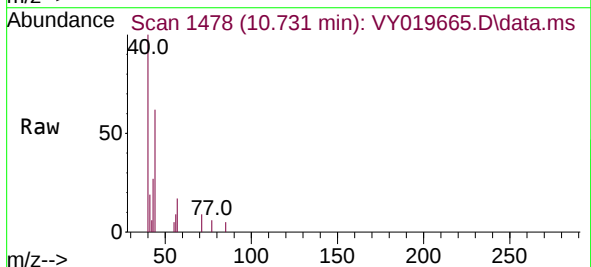
Instrument :
MSVOA_Y
ClientSampleId :

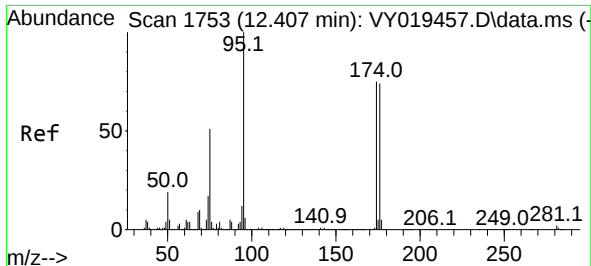
Tgt Ion: 98 Resp: 305877
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#59
2-Hexanone
Concen: 1.078 ug/l
RT: 10.731 min Scan# 1478
Delta R.T. -0.030 min
Lab File: VY019665.D
Acq: 23 Sep 2024 14:04

Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 0.0 31.4 94.0#

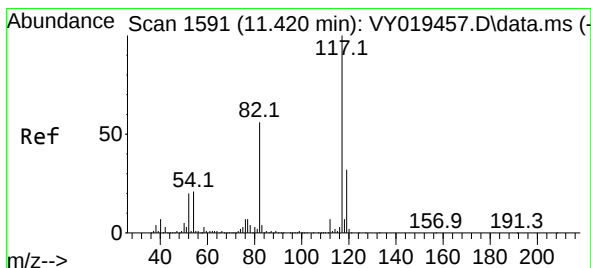
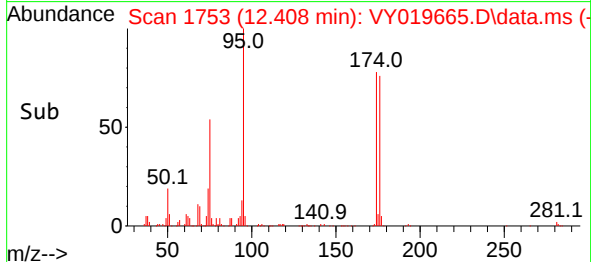
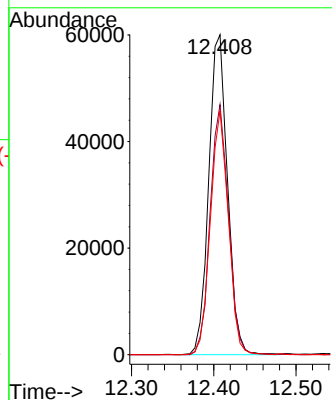
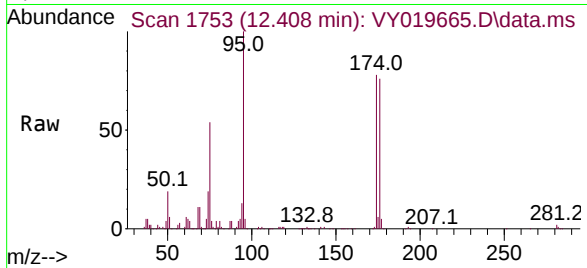




#62
4-Bromofluorobenzene
Concen: 43.944 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019665.D
Acq: 23 Sep 2024 14:04

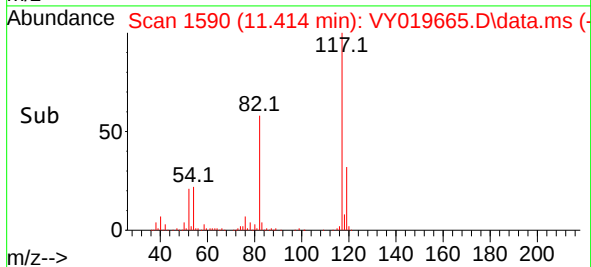
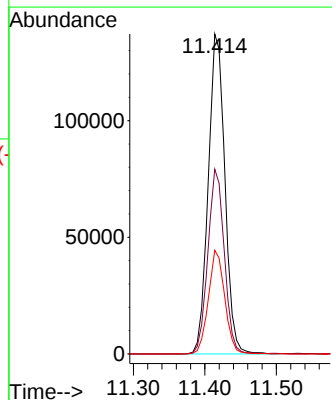
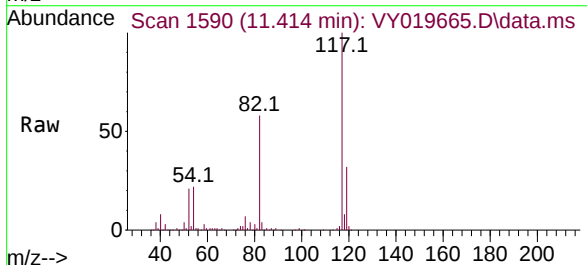
Instrument :
MSVOA_Y
ClientSampleId :

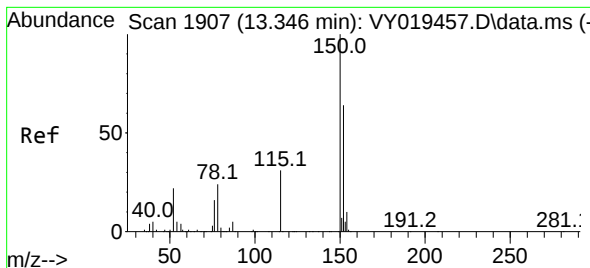
Tgt Ion: 95 Resp: 95495
Ion Ratio Lower Upper
95 100
174 76.6 0.0 175.6
176 72.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019665.D
Acq: 23 Sep 2024 14:04

Tgt Ion: 117 Resp: 222057
Ion Ratio Lower Upper
117 100
82 57.7 42.4 63.6
119 32.4 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: VY019665.D

Acq: 23 Sep 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

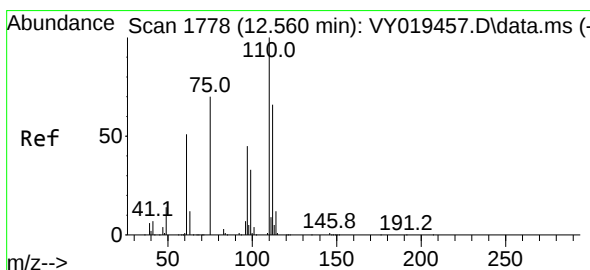
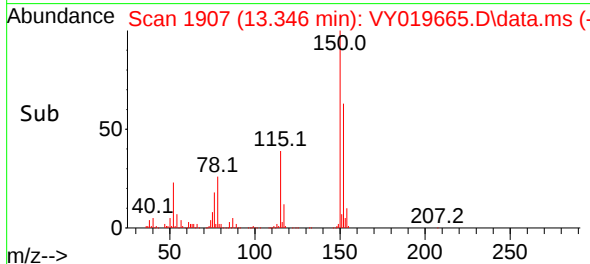
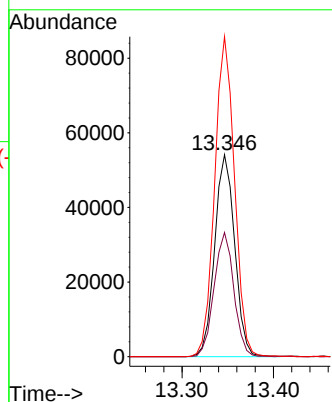
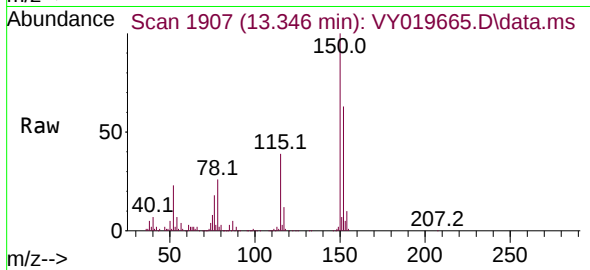
Tgt Ion:152 Resp: 82425

Ion Ratio Lower Upper

152 100

115 60.7 28.2 84.7

150 157.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 65.504 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019665.D

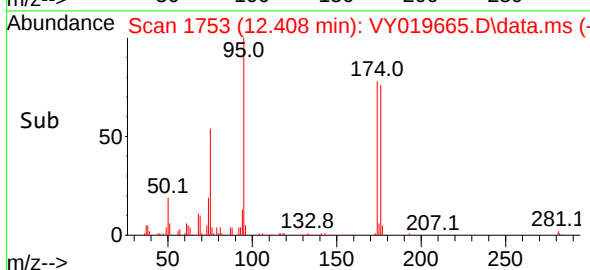
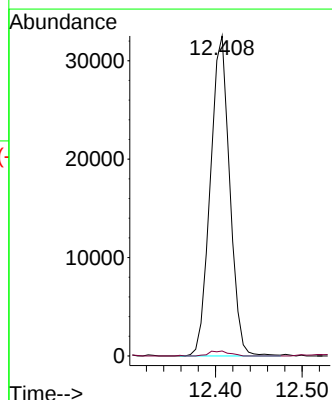
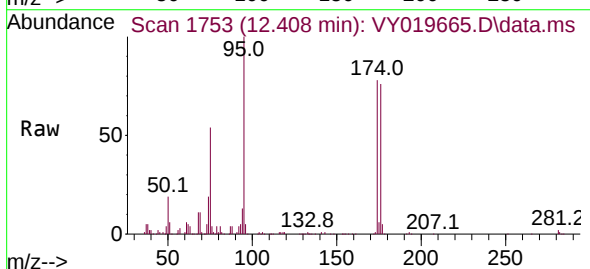
Acq: 23 Sep 2024 14:04

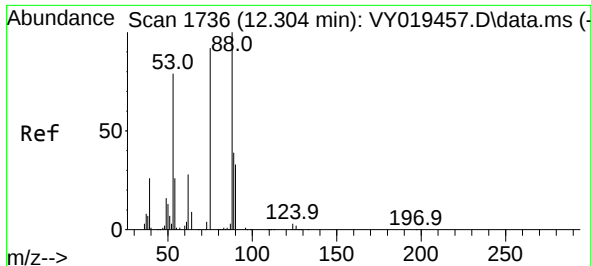
Tgt Ion: 75 Resp: 50606

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#

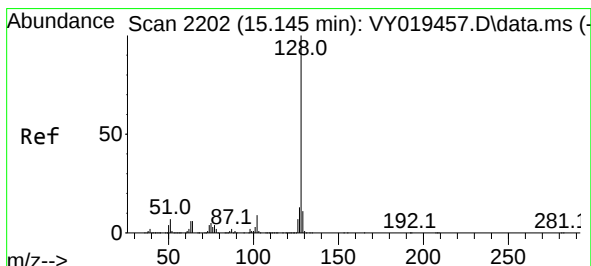
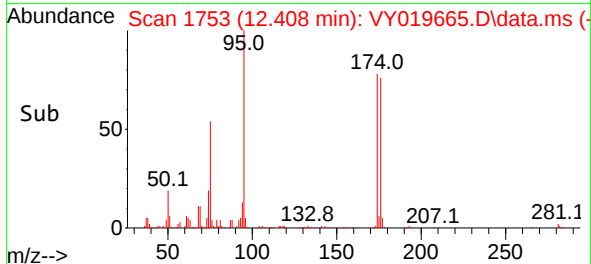
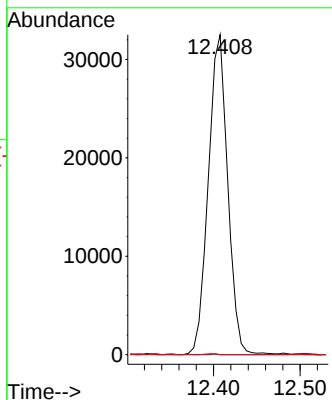
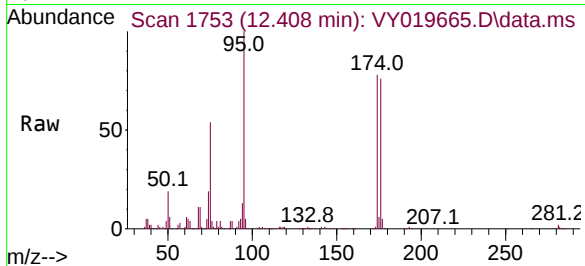




#81
trans-1,4-Dichloro-2-butene
Concen: 125.749 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019665.D
Acq: 23 Sep 2024 14:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 50606
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.2 35.8 53.6#



#95
Naphthalene
Concen: 2.848 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY019665.D
Acq: 23 Sep 2024 14:04

Tgt Ion: 128 Resp: 7976
Ion Ratio Lower Upper
128 100
127 22.6 10.6 16.0#
129 11.9 8.6 13.0

