

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
 Data File : VY019669.D
 Acq On : 23 Sep 2024 16:01
 Operator : SY/MD
 Sample : P4123-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 24 01:46:46 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)

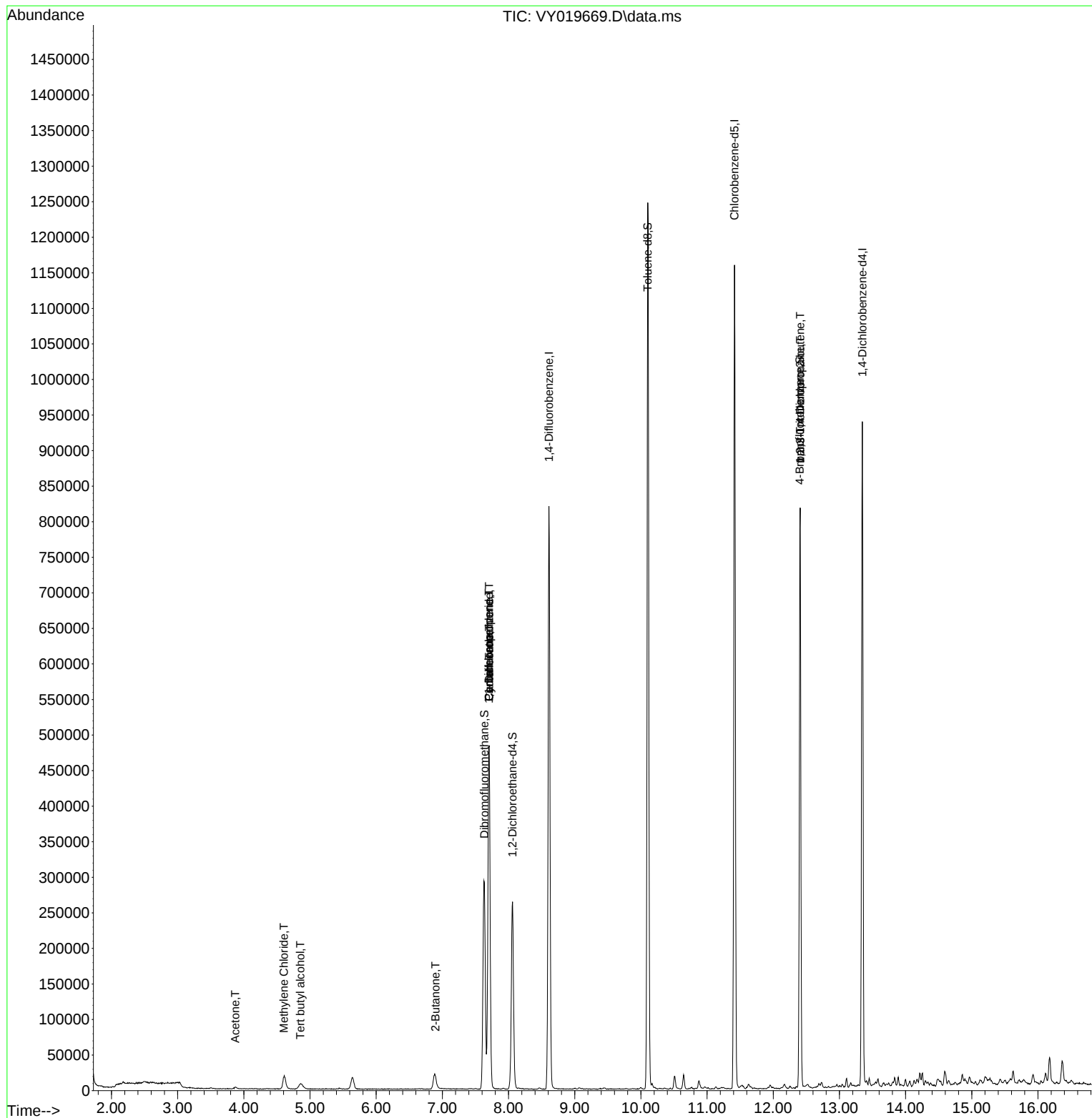
Internal Standards						
1) Pentafluorobenzene	7.707	168	367330	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	690395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	607210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	225865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	206763	60.788	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.580%	
35) Dibromofluoromethane	7.634	113	216701	55.360	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.720%	
50) Toluene-d8	10.103	98	814011	56.222	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.440%	
62) 4-Bromofluorobenzene	12.402	95	261147	46.909	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.820%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	157	Below Cal	#	43
11) Tert butyl alcohol	4.854	59	16729	60.901	ug/l	100
13) Acrolein	3.653	56	71	Below Cal	#	13
16) Acetone	3.873	43	4417	5.451	ug/l	# 78
20) Methylene Chloride	4.604	84	13563	3.670	ug/l	95
25) 2-Butanone	6.896	43	4274	3.708	ug/l	93
31) Cyclohexane	7.707	56	8535	1.402	ug/l	# 37
36) 1,1-Dichloropropene	7.701	75	30389	5.705	ug/l	# 50
38) Carbon Tetrachloride	7.707	117	38479	6.406	ug/l	# 17
76) 1,2,3-Trichloropropane	12.408	75	139600	65.942	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	139600	126.590	ug/l	# 16

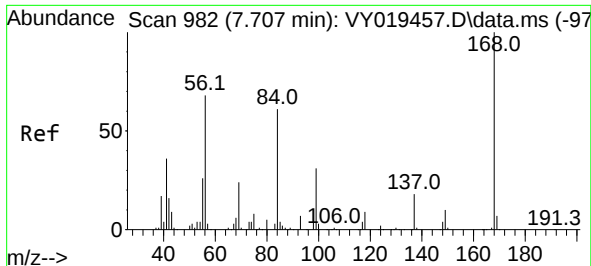
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
Data File : VY019669.D
Acq On : 23 Sep 2024 16:01
Operator : SY/MD
Sample : P4123-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 24 01:46:46 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

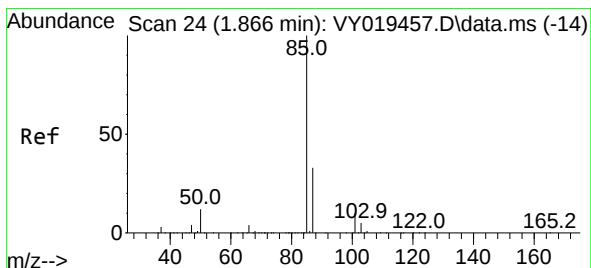
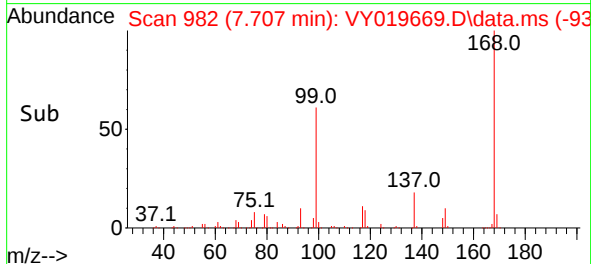
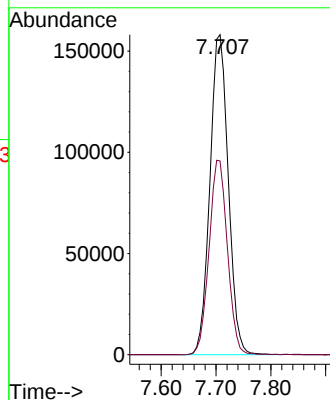
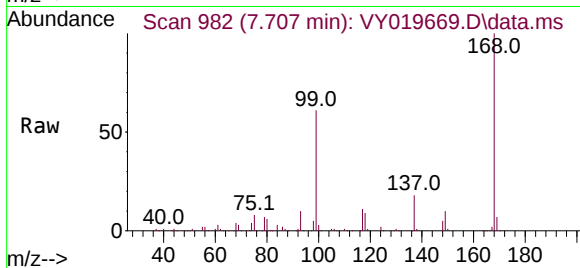




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019669.D
Acq: 23 Sep 2024 16:01

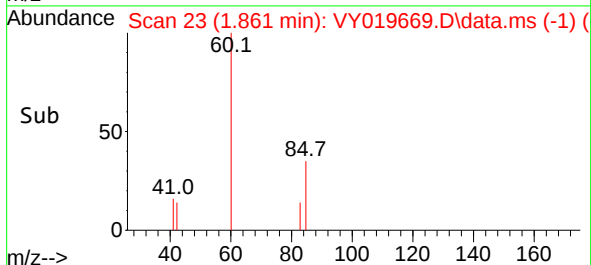
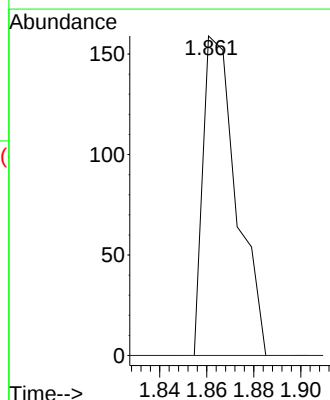
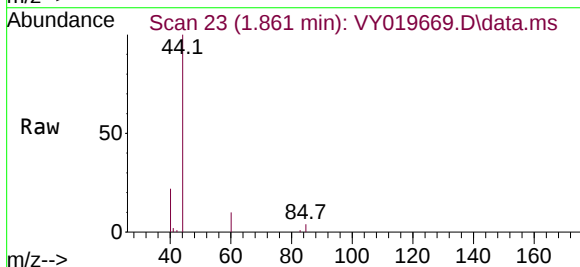
Instrument :
MSVOA_Y
ClientSampleId :

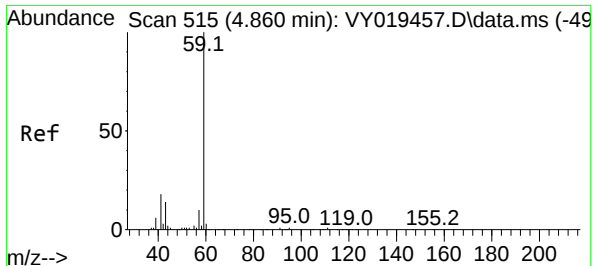
Tgt Ion:168 Resp: 367330
Ion Ratio Lower Upper
168 100
99 60.6 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019669.D
Acq: 23 Sep 2024 16:01

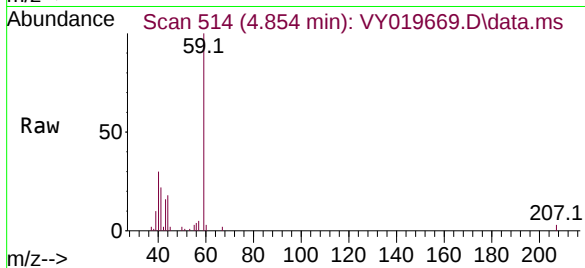
Tgt Ion: 85 Resp: 157
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



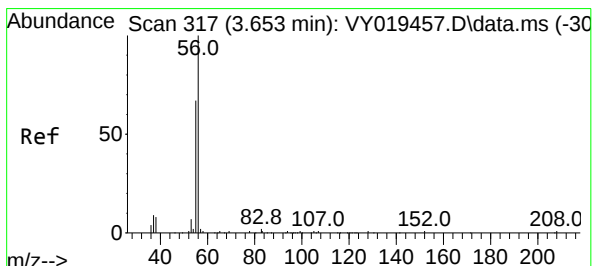
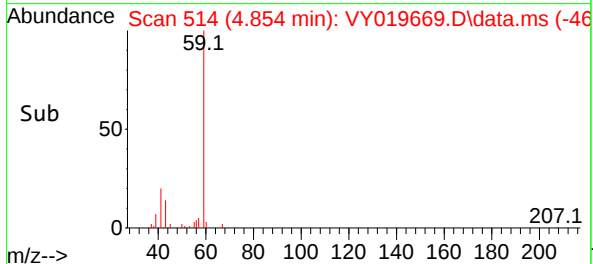
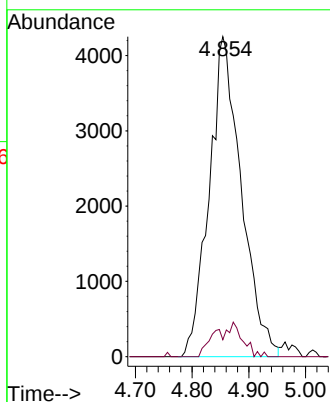


#11
Tert butyl alcohol
Concen: 60.901 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY019669.D
Acq: 23 Sep 2024 16:01

Instrument :
MSVOA_Y
ClientSampleId :

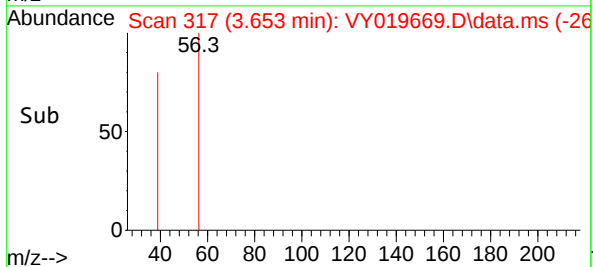
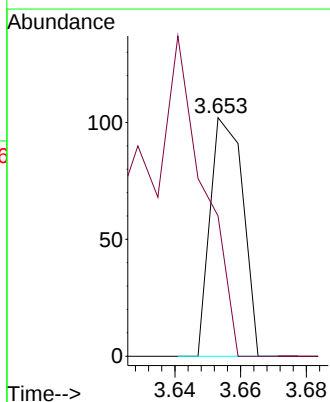
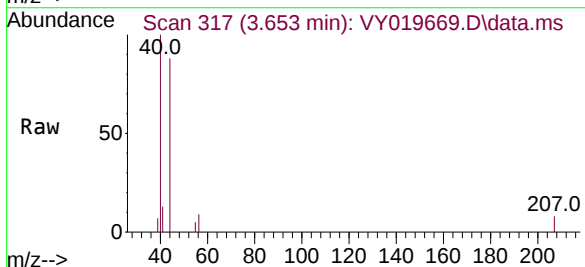


Tgt Ion: 59 Resp: 16729
Ion Ratio Lower Upper
59 100
57 3.7 3.0 4.6



#13
Acrolein
Concen: Below Cal
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019669.D
Acq: 23 Sep 2024 16:01

Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
55 140.8 55.7 83.5#

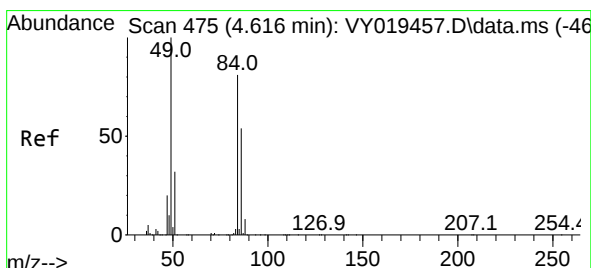
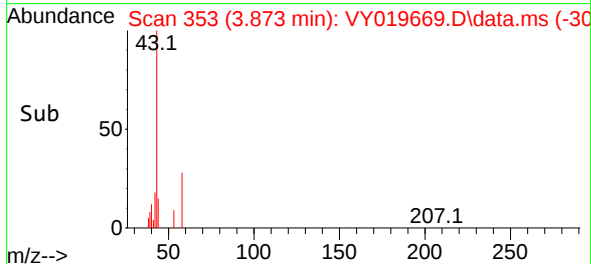
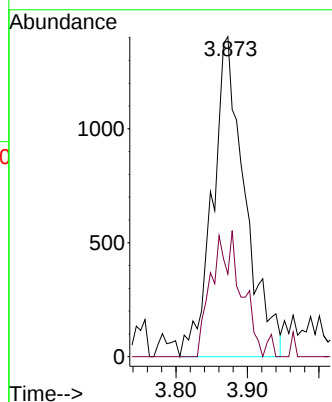
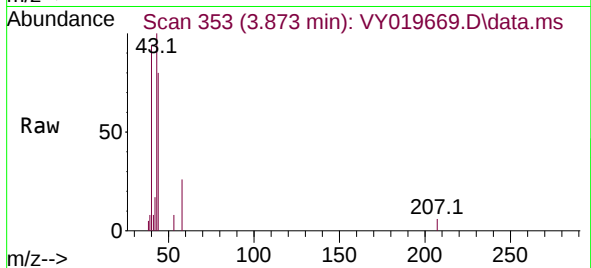




#16
Acetone
Concen: 5.451 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019669.D
Acq: 23 Sep 2024 16:01

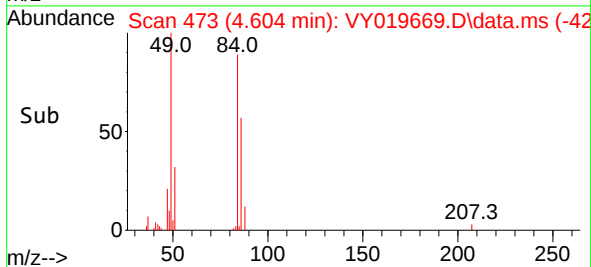
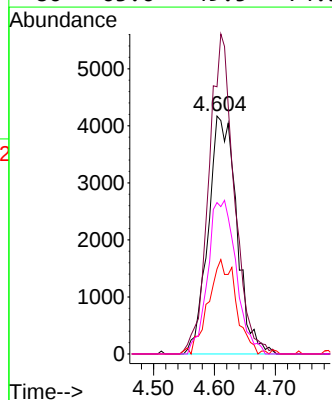
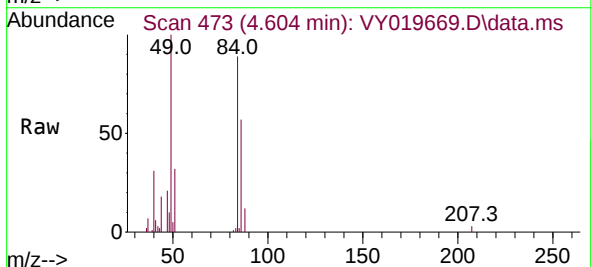
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 4417
Ion Ratio Lower Upper
43 100
58 25.8 31.7 47.5#



#20
Methylene Chloride
Concen: 3.670 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY019669.D
Acq: 23 Sep 2024 16:01

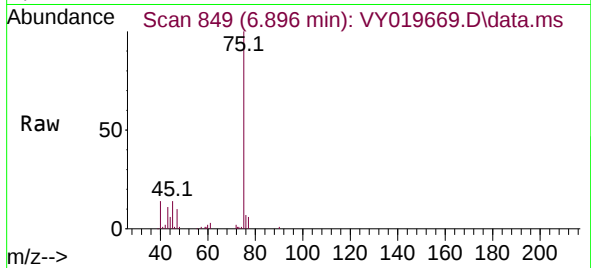
Tgt Ion: 84 Resp: 13563
Ion Ratio Lower Upper
84 100
49 112.3 84.4 126.6
51 35.7 26.0 39.0
86 63.6 49.5 74.3



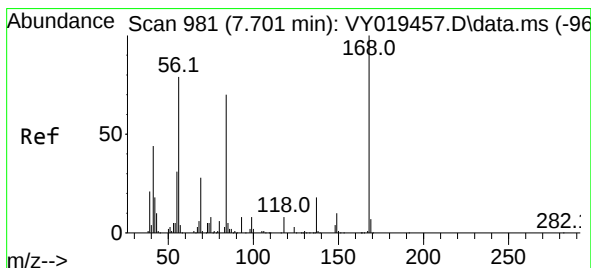
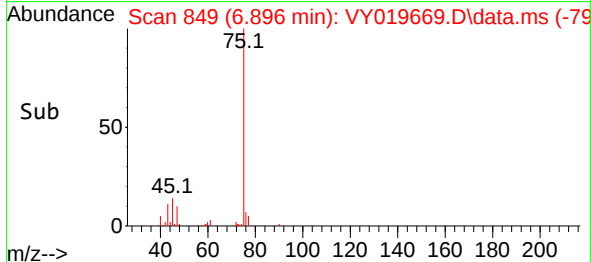
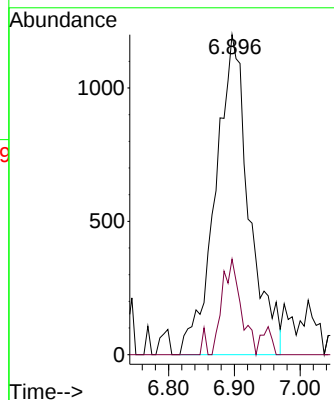


#25
2-Butanone
Concen: 3.708 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY019669.D
Acq: 23 Sep 2024 16:01

Instrument :
MSVOA_Y
ClientSampleId :

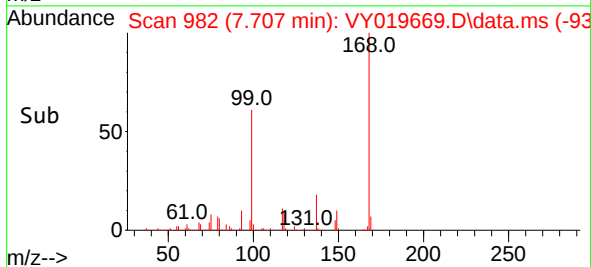
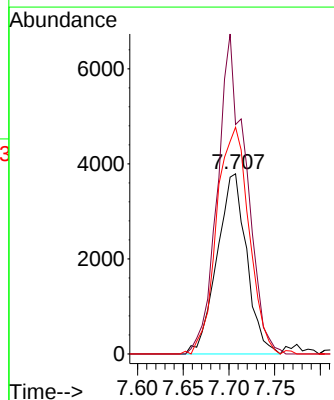
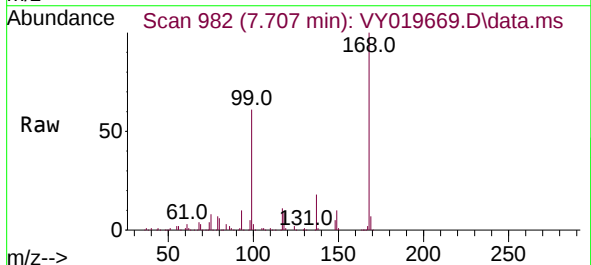


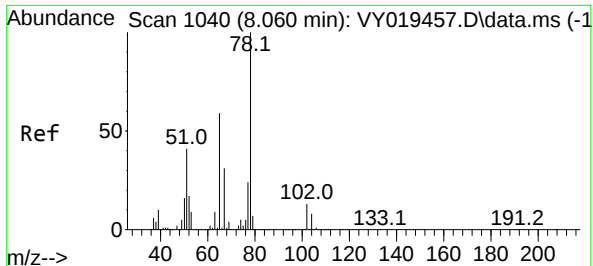
Tgt Ion: 43 Resp: 4274
Ion Ratio Lower Upper
43 100
72 29.8 27.3 40.9



#31
Cyclohexane
Concen: 1.402 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019669.D
Acq: 23 Sep 2024 16:01

Tgt Ion: 56 Resp: 8535
Ion Ratio Lower Upper
56 100
69 127.4 28.7 43.1#
84 125.9 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 60.788 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019669.D

Acq: 23 Sep 2024 16:01

Instrument :

MSVOA_Y

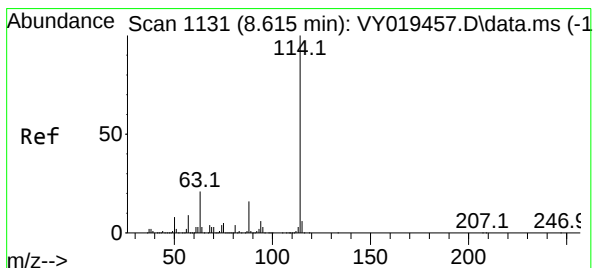
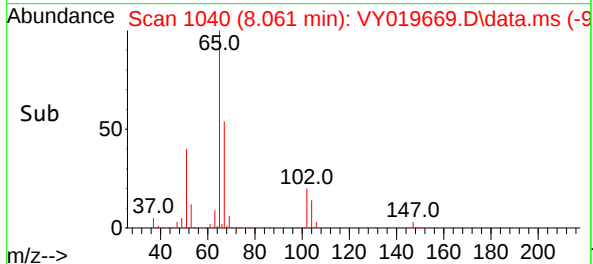
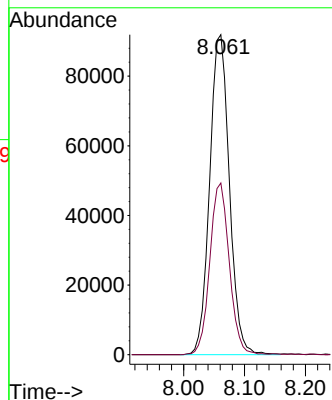
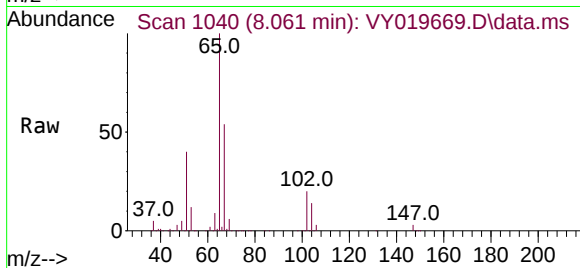
ClientSampleId :

Tgt Ion: 65 Resp: 206763

Ion Ratio Lower Upper

65 100

67 52.9 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: VY019669.D

Acq: 23 Sep 2024 16:01

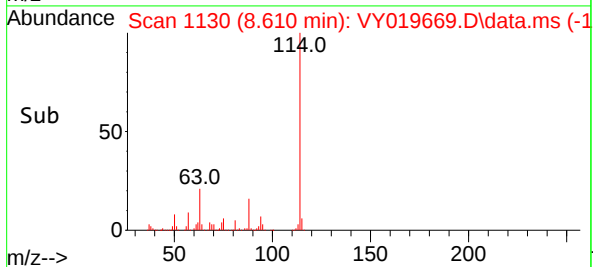
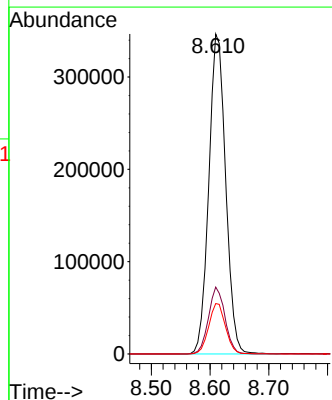
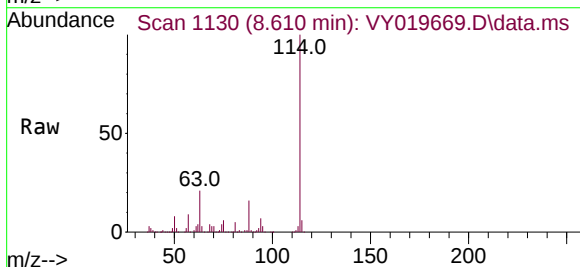
Tgt Ion: 114 Resp: 690395

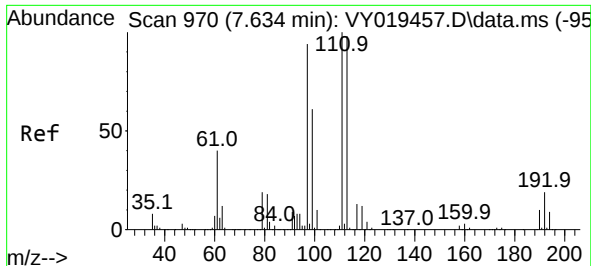
Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.0

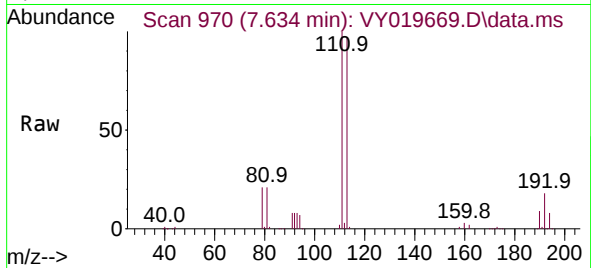
88 15.8 0.0 27.2



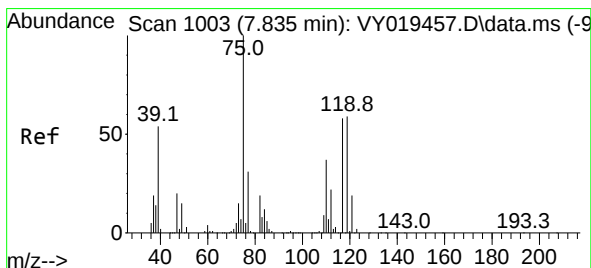
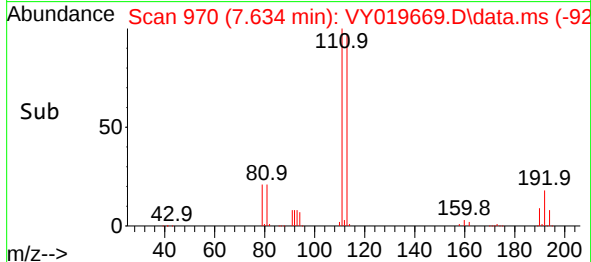
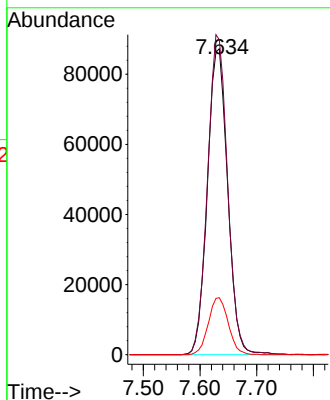


#35
Dibromofluoromethane
Concen: 55.360 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019669.D
Acq: 23 Sep 2024 16:01

Instrument :
MSVOA_Y
ClientSampleId :

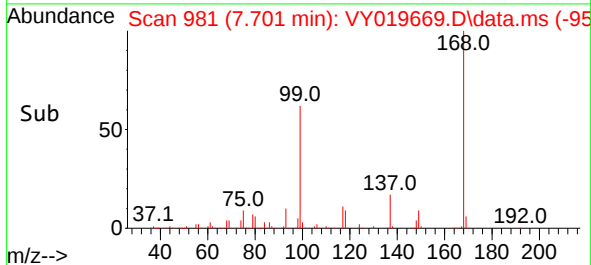
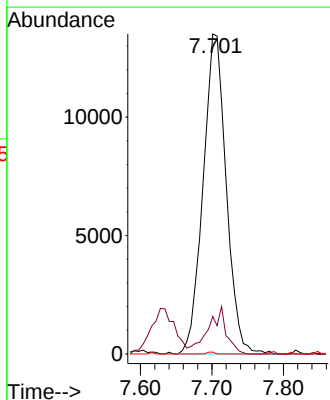
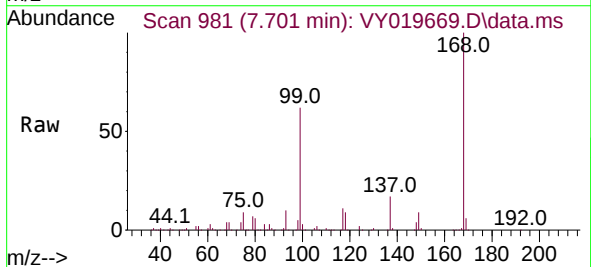


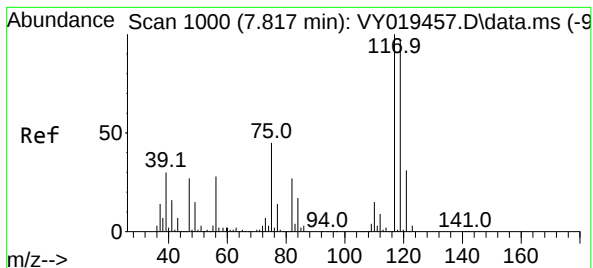
Tgt Ion:113 Resp: 216701
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 18.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.705 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019669.D
Acq: 23 Sep 2024 16:01

Tgt Ion: 75 Resp: 30389
Ion Ratio Lower Upper
75 100
110 11.4 19.0 57.0#
77 0.2 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.406 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.109 min

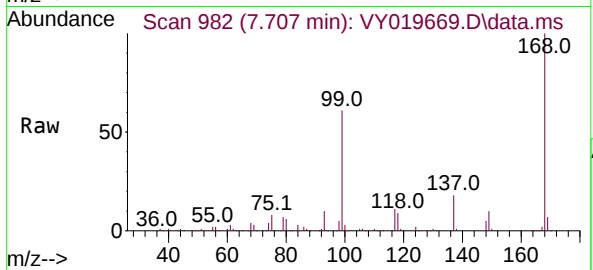
Lab File: VY019669.D

Acq: 23 Sep 2024 16:01

Instrument :

MSVOA_Y

ClientSampleId :



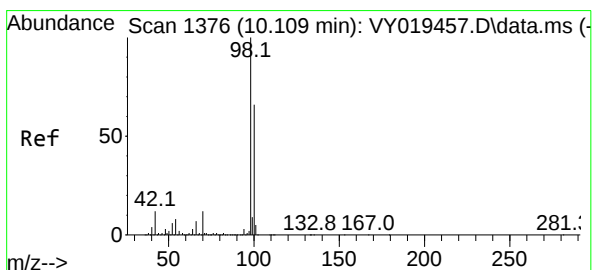
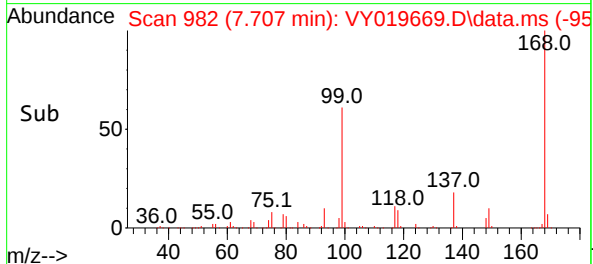
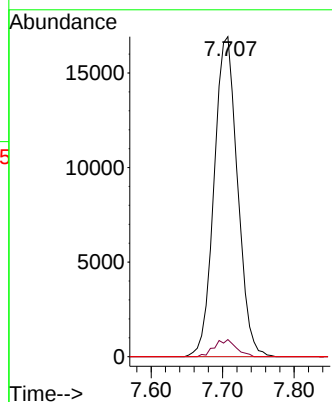
Tgt Ion:117 Resp: 38479

Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 56.222 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019669.D

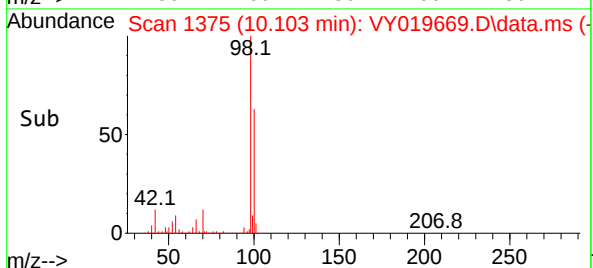
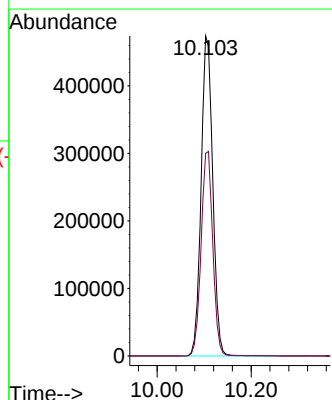
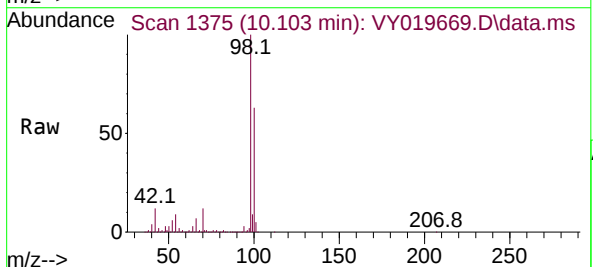
Acq: 23 Sep 2024 16:01

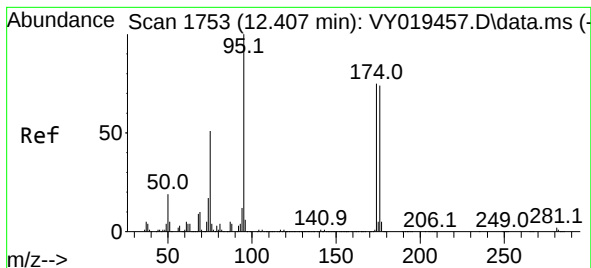
Tgt Ion: 98 Resp: 814011

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

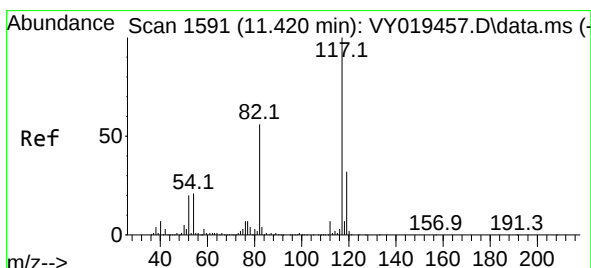
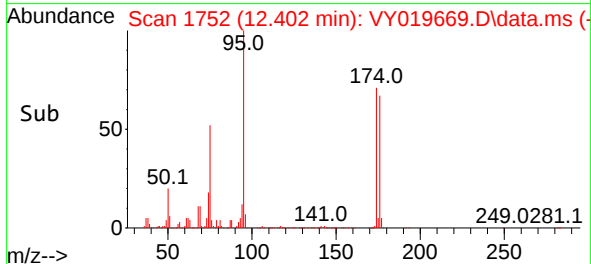
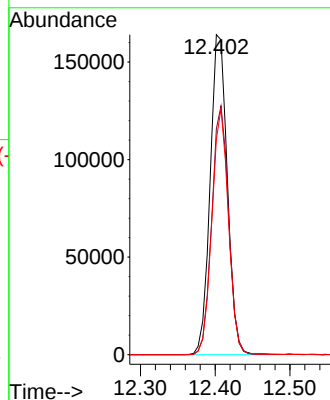
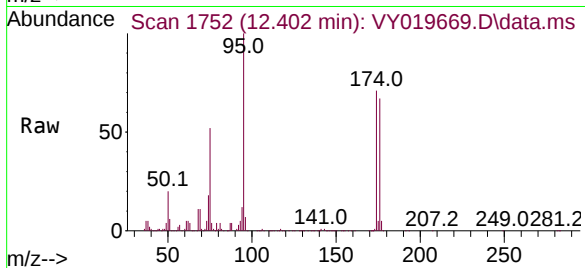




#62
4-Bromofluorobenzene
Concen: 46.909 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019669.D
Acq: 23 Sep 2024 16:01

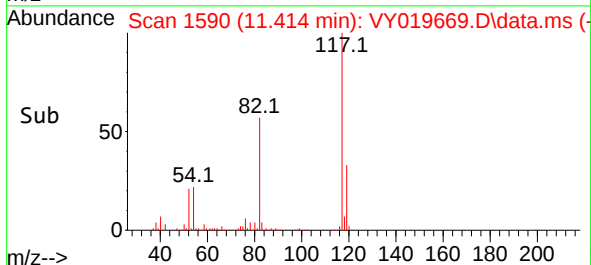
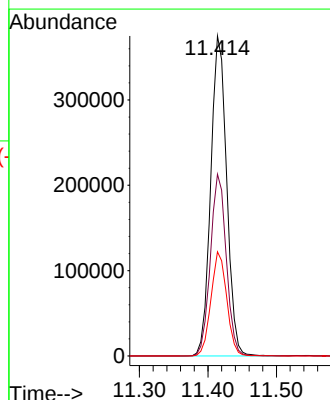
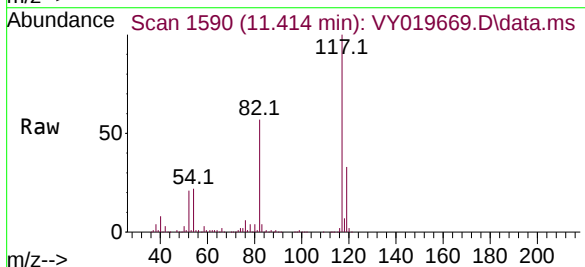
Instrument :
MSVOA_Y
ClientSampleId :

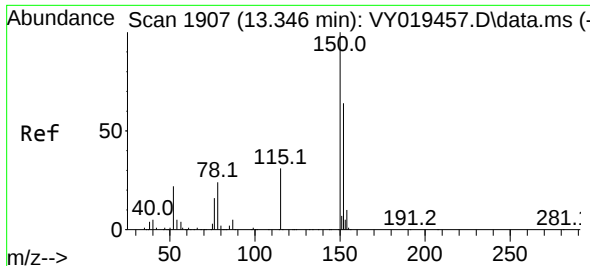
Tgt Ion: 95 Resp: 261147
Ion Ratio Lower Upper
95 100
174 76.7 0.0 175.6
176 74.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019669.D
Acq: 23 Sep 2024 16:01

Tgt Ion: 117 Resp: 607210
Ion Ratio Lower Upper
117 100
82 56.8 42.4 63.6
119 32.6 25.9 38.9

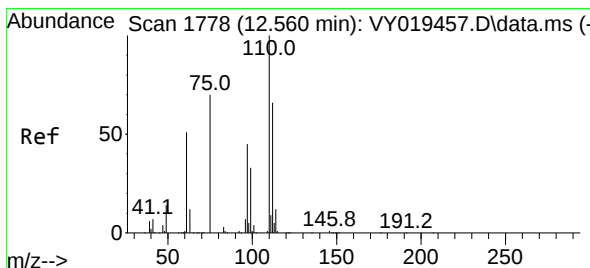
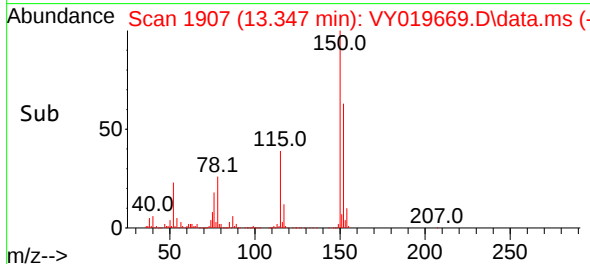
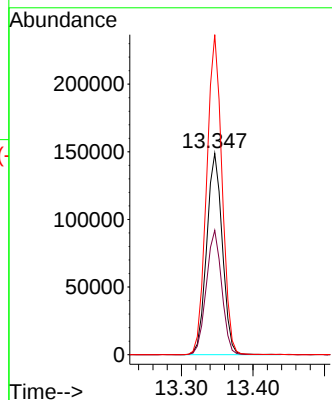
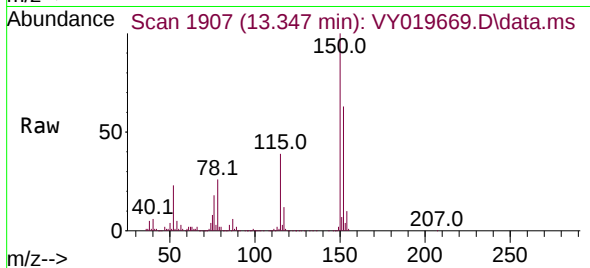




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019669.D
 Acq: 23 Sep 2024 16:01

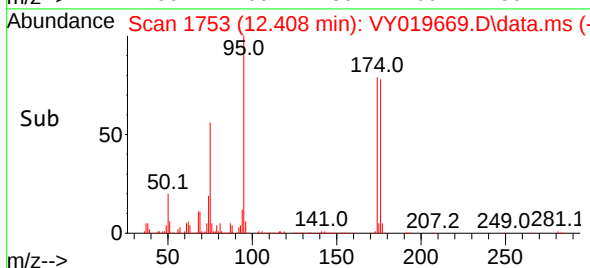
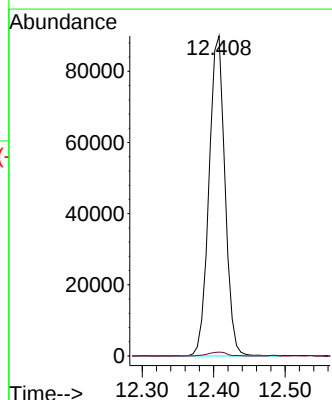
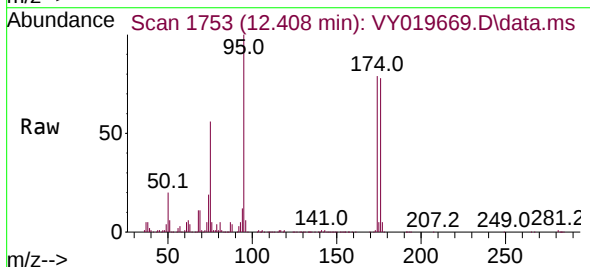
Instrument :
 MSVOA_Y
 ClientSampleId :

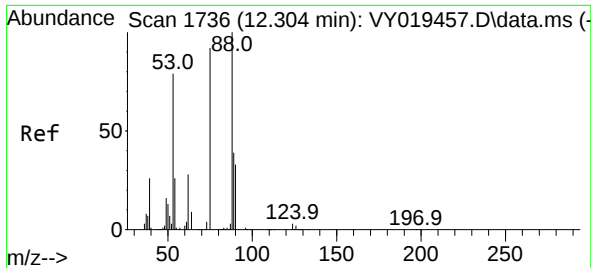
Tgt Ion:152 Resp: 225865
 Ion Ratio Lower Upper
 152 100
 115 61.2 28.2 84.7
 150 156.6 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 65.942 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY019669.D
 Acq: 23 Sep 2024 16:01

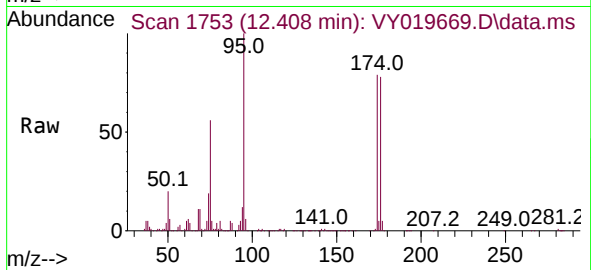
Tgt Ion: 75 Resp: 139600
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.590 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019669.D
 Acq: 23 Sep 2024 16:01

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 139600
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.0 35.8 53.6#

