

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019512.D
 Acq On : 11 Sep 2024 16:29
 Operator : SY/MD
 Sample : P3929-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:33:24 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)

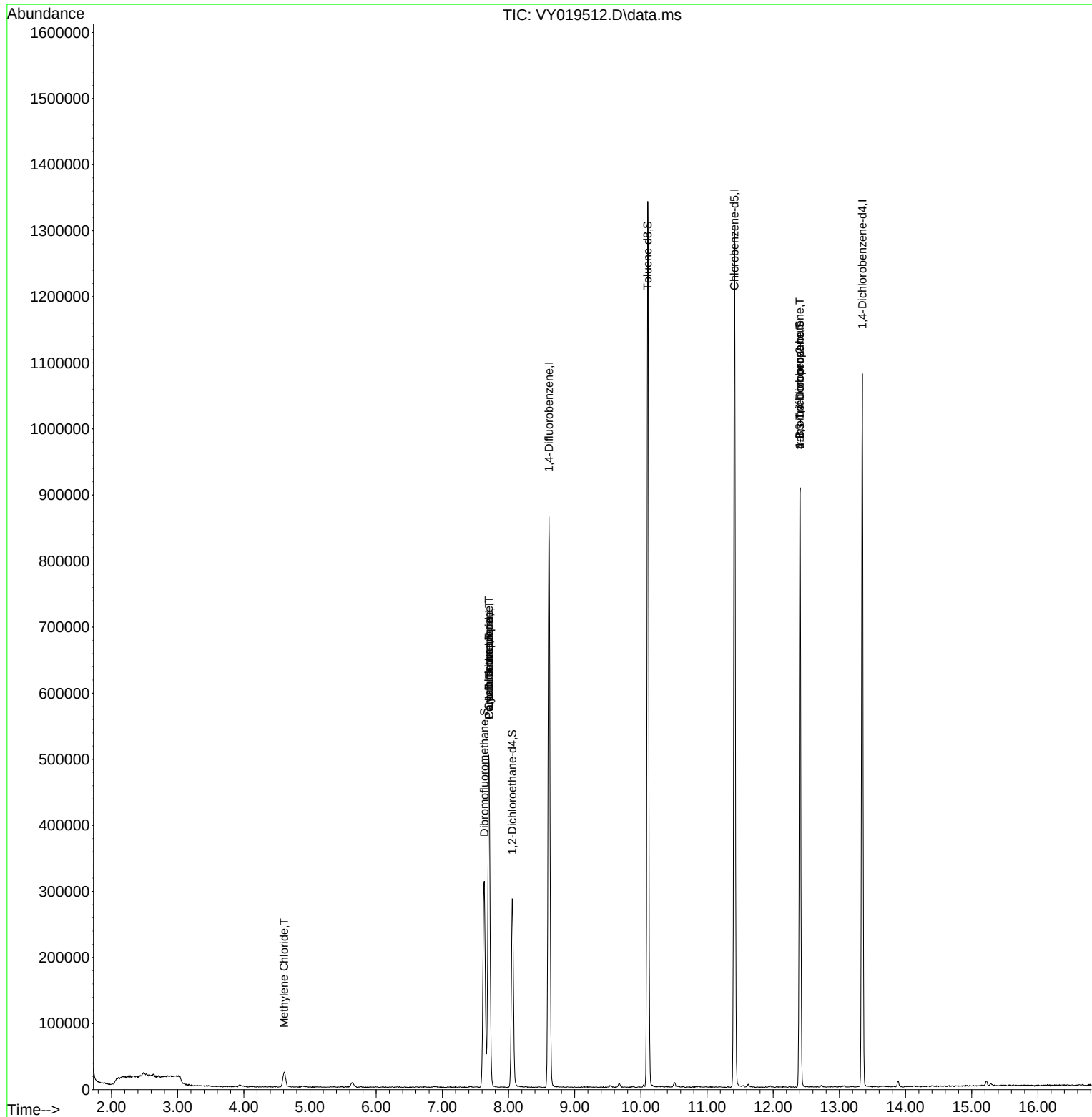
Internal Standards						
1) Pentafluorobenzene	7.707	168	371190	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	726638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	661961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	256119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	225516	65.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.220%	
35) Dibromofluoromethane	7.634	113	227604	55.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.480%	
50) Toluene-d8	10.103	98	862562	56.604	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.200%	
62) 4-Bromofluorobenzene	12.401	95	294342	50.235	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 100.460%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	52	Below Cal	#	43
13) Acrolein	3.623	56	245	Below Cal	#	23
20) Methylene Chloride	4.610	84	16003	4.285	ug/l	91
31) Cyclohexane	7.701	56	9329	1.517	ug/l	# 18
36) 1,1-Dichloropropene	7.701	75	31142	5.555	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	41140	6.508	ug/l	# 15
76) 1,2,3-Trichloropropane	12.401	75	156197	65.066	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	156197	124.909	ug/l	# 16

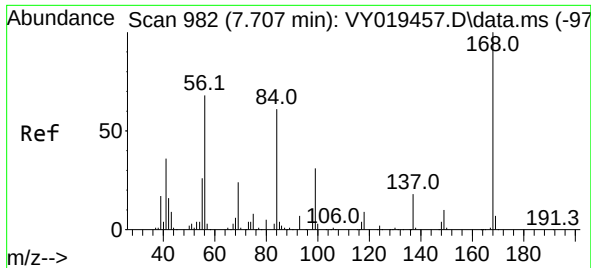
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

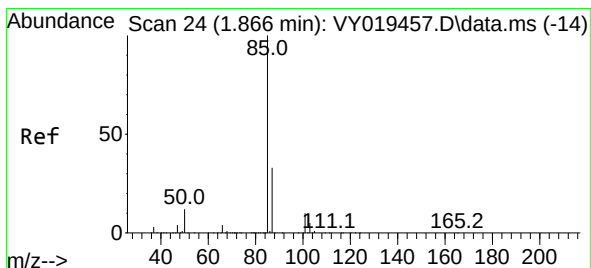
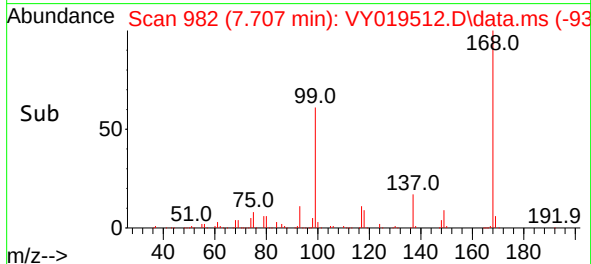
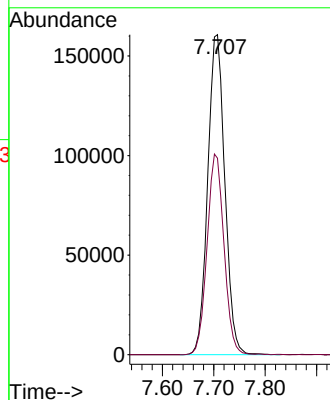
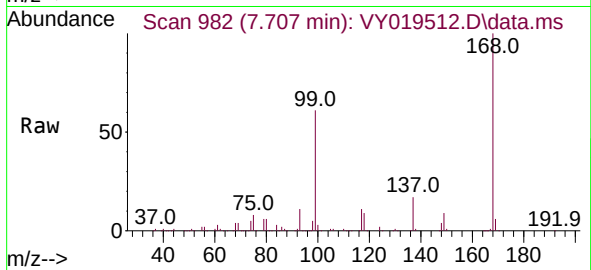




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019512.D
Acq: 11 Sep 2024 16:29

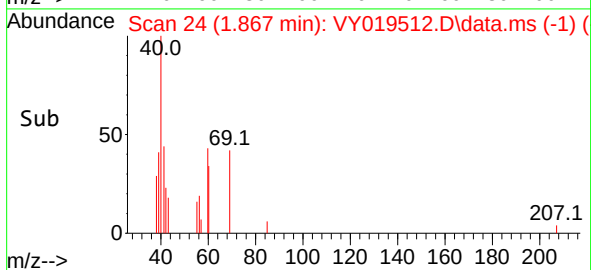
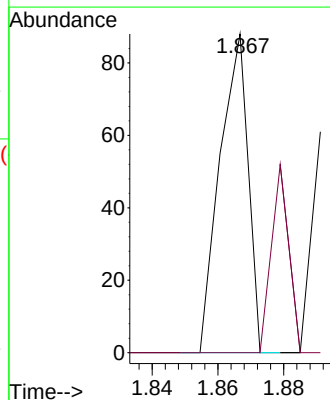
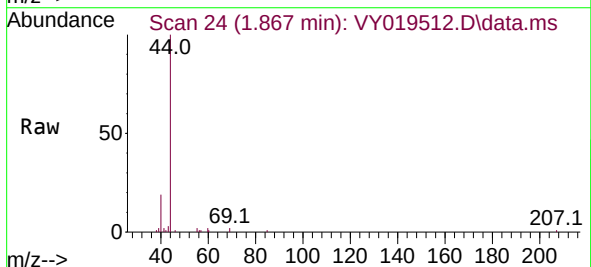
Instrument :
MSVOA_Y
ClientSampleId :

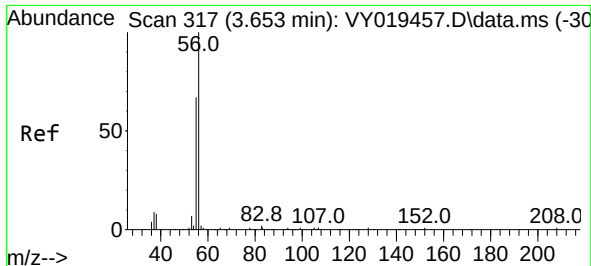
Tgt Ion:168 Resp: 371190
Ion Ratio Lower Upper
168 100
99 61.4 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019512.D
Acq: 11 Sep 2024 16:29

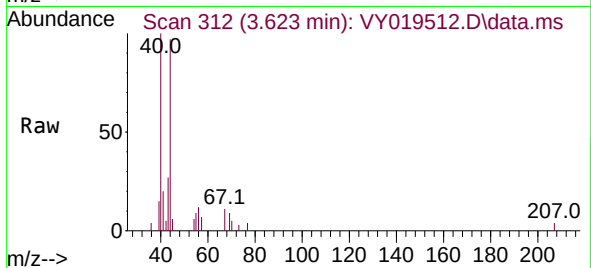
Tgt Ion: 85 Resp: 52
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



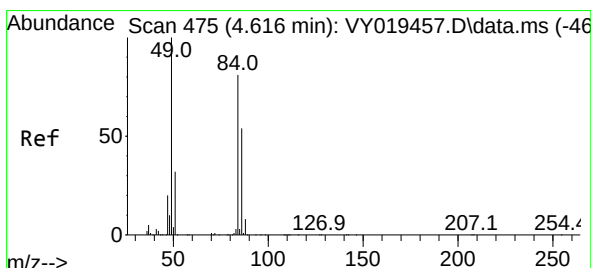
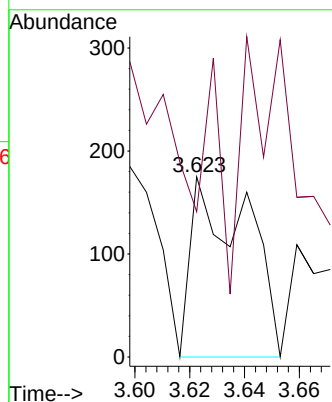
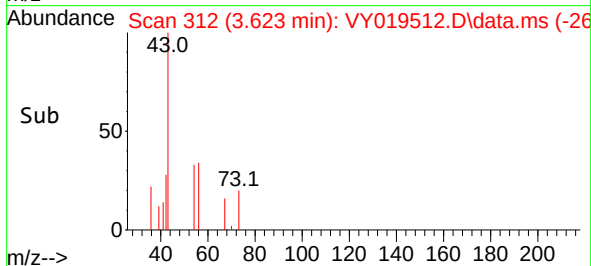


#13
Acrolein
Concen: Below Cal
RT: 3.623 min Scan# 317
Delta R.T. -0.030 min
Lab File: VY019512.D
Acq: 11 Sep 2024 16:29

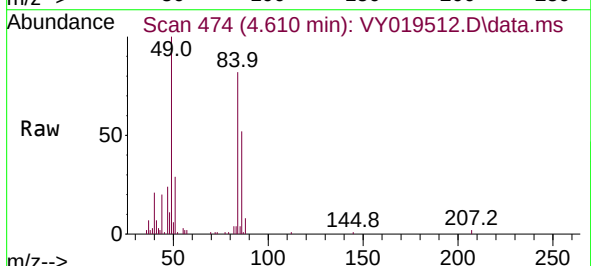
Instrument :
MSVOA_Y
ClientSampleId :



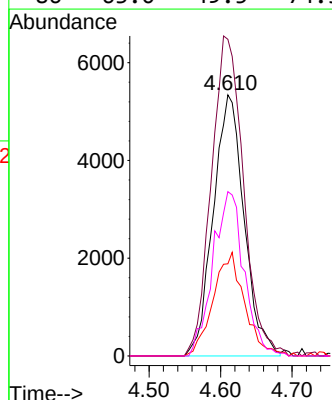
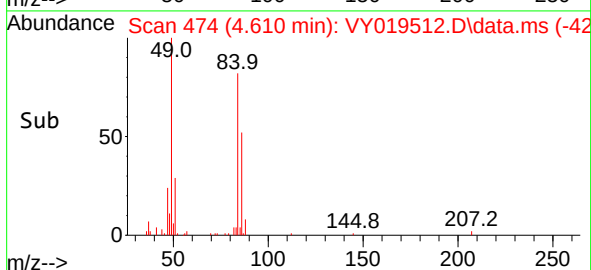
Tgt Ion: 56 Resp: 245
Ion Ratio Lower Upper
56 100
55 132.2 55.7 83.5#

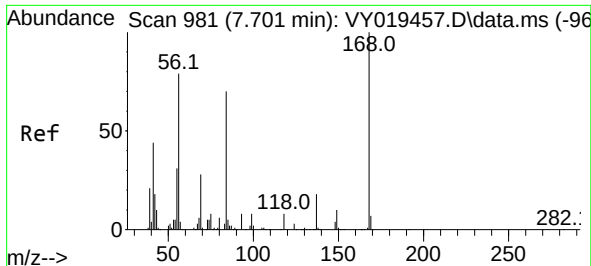


#20
Methylene Chloride
Concen: 4.285 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019512.D
Acq: 11 Sep 2024 16:29



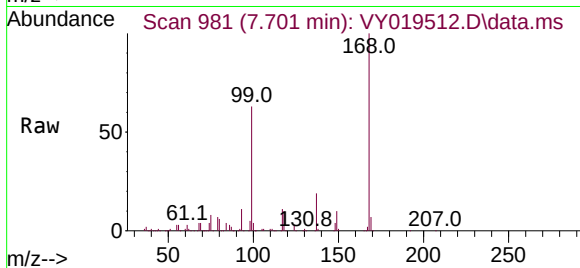
Tgt Ion: 84 Resp: 16003
Ion Ratio Lower Upper
84 100
49 121.3 84.4 126.6
51 35.3 26.0 39.0
86 63.0 49.5 74.3



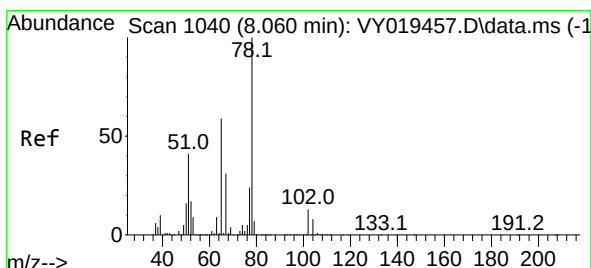
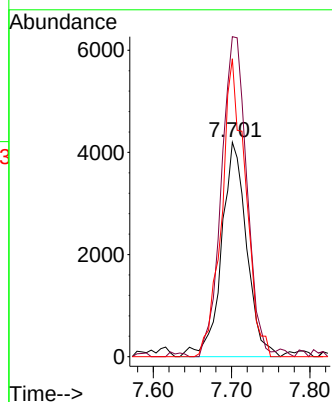
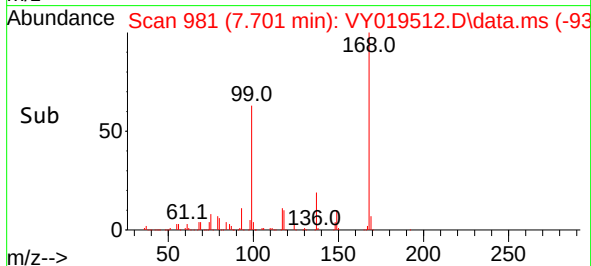


#31
Cyclohexane
Concen: 1.517 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019512.D
Acq: 11 Sep 2024 16:29

Instrument :
MSVOA_Y
ClientSampleId :

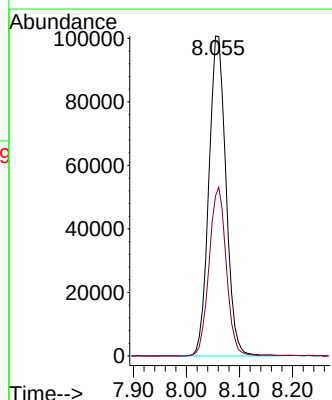
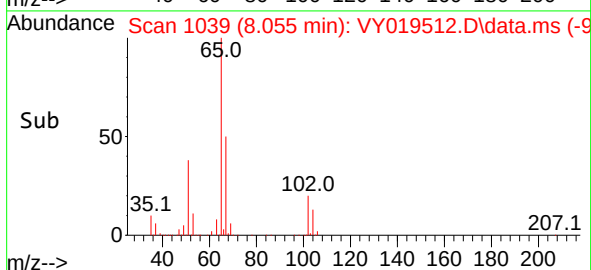
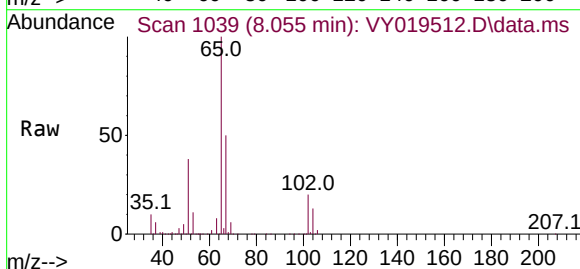


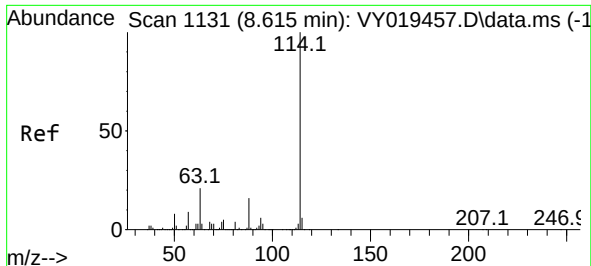
Tgt Ion: 56 Resp: 9329
Ion Ratio Lower Upper
56 100
69 147.6 28.7 43.1#
84 139.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 65.612 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019512.D
Acq: 11 Sep 2024 16:29

Tgt Ion: 65 Resp: 225516
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.6

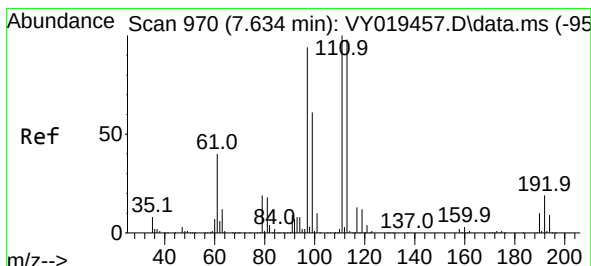
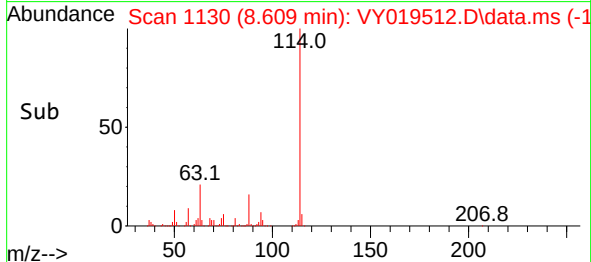
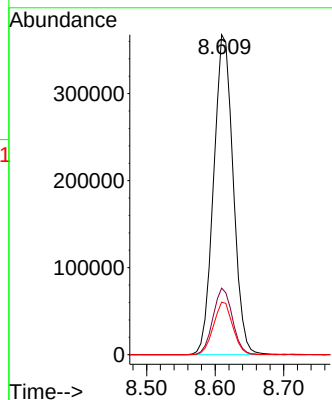
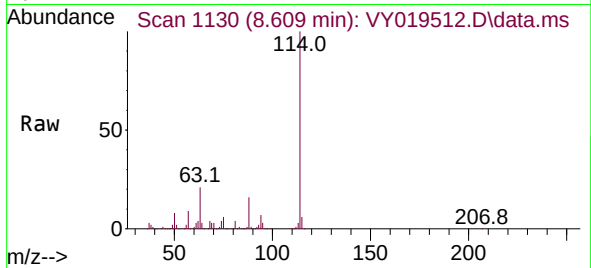




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019512.D
Acq: 11 Sep 2024 16:29

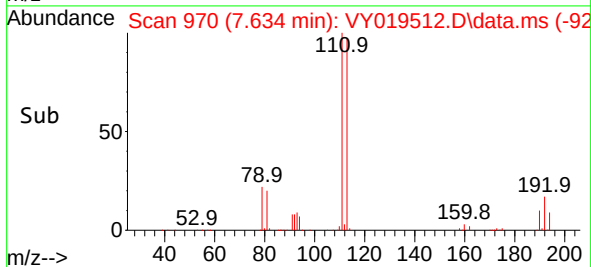
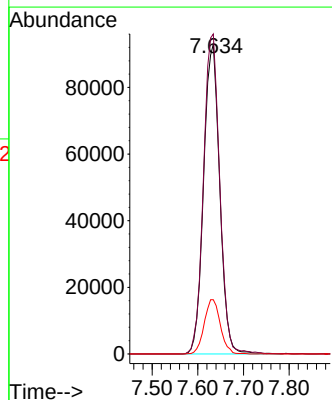
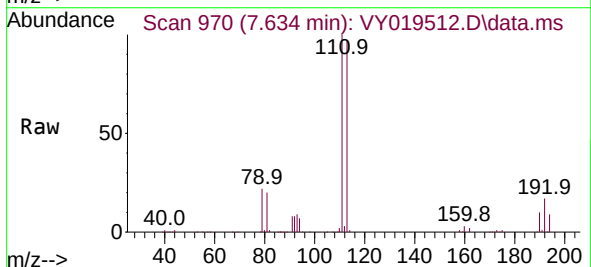
Instrument :
MSVOA_Y
ClientSampleId :

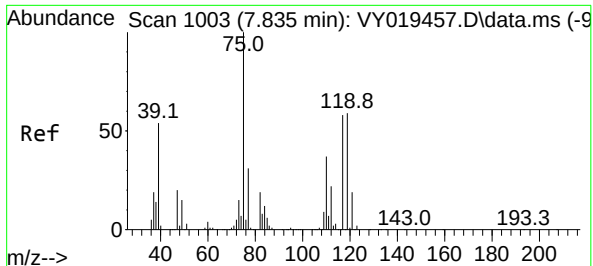
Tgt Ion:114 Resp: 726638
Ion Ratio Lower Upper
114 100
63 20.8 0.0 35.0
88 16.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.245 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019512.D
Acq: 11 Sep 2024 16:29

Tgt Ion:113 Resp: 227604
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 17.6 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.555 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.134 min

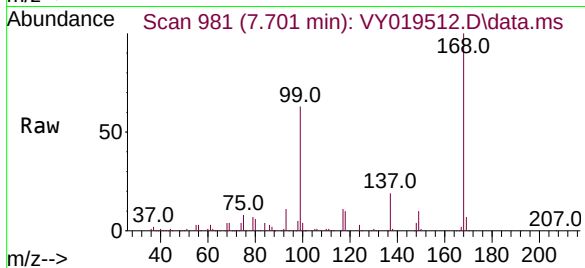
Lab File: VY019512.D

Acq: 11 Sep 2024 16:29

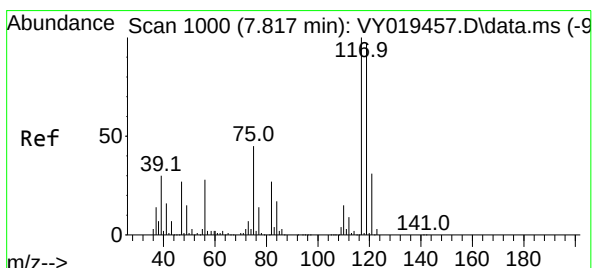
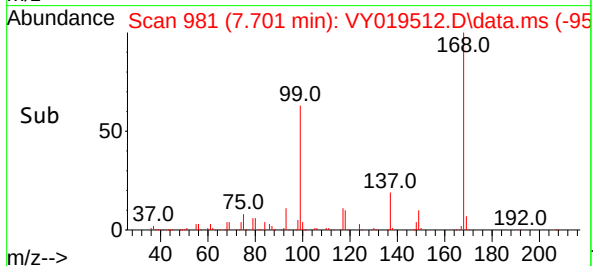
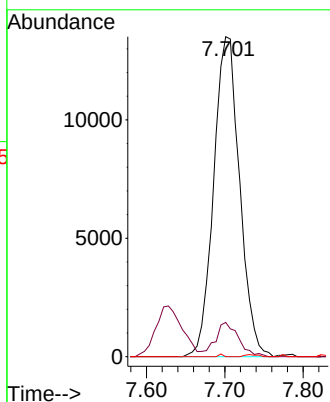
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 31142
Ion Ratio	Lower Upper
75	100
110	9.5 19.0 57.0#
77	0.1 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.508 ug/l

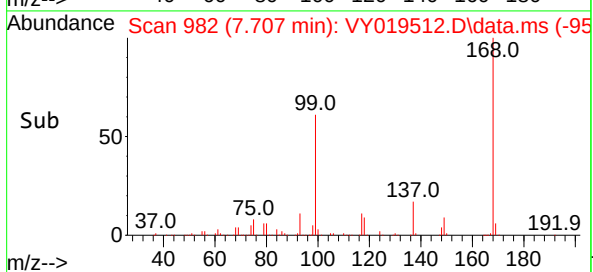
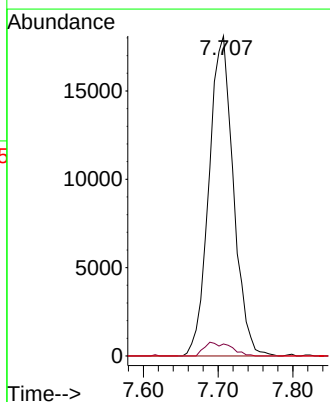
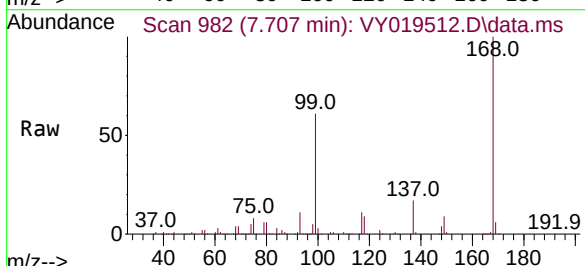
RT: 7.707 min Scan# 982

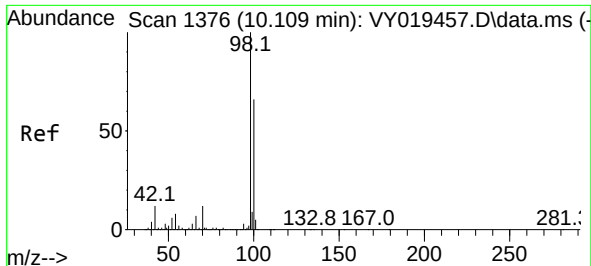
Delta R.T. -0.110 min

Lab File: VY019512.D

Acq: 11 Sep 2024 16:29

Tgt Ion: 117	Resp: 41140
Ion Ratio	Lower Upper
117	100
119	3.7 75.8 113.6#
121	0.0 24.0 36.0#

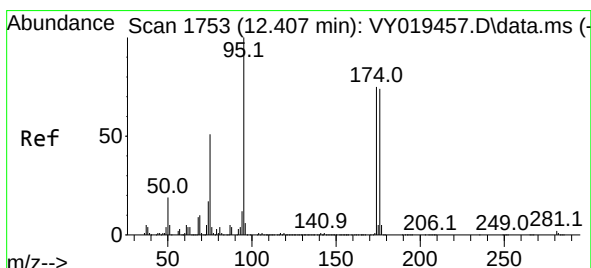
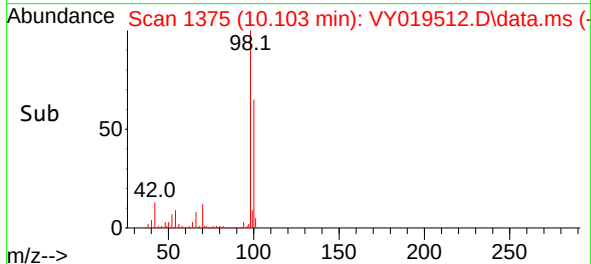
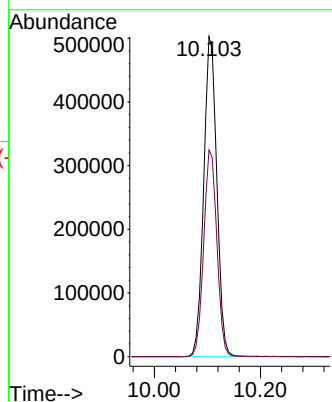
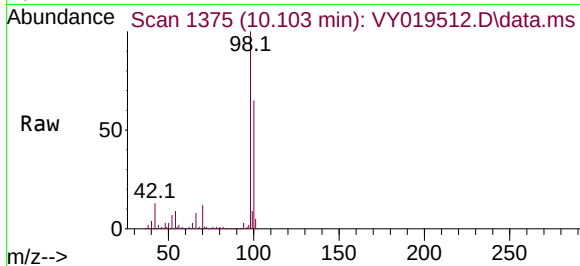




#50
Toluene-d8
Concen: 56.604 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019512.D
Acq: 11 Sep 2024 16:29

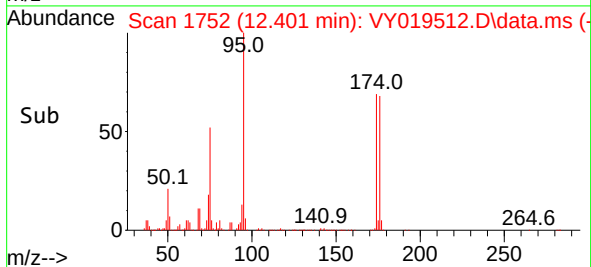
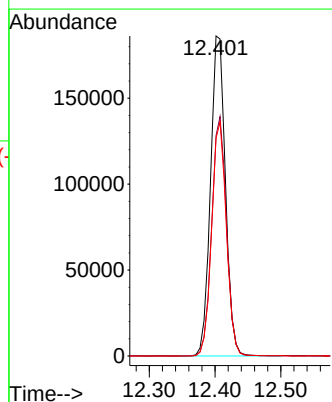
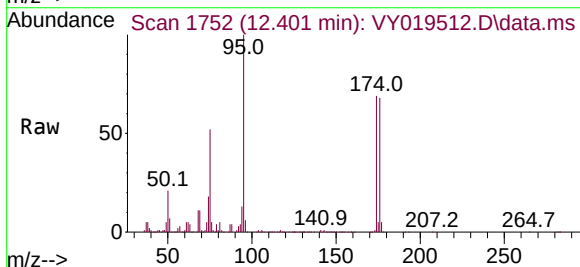
Instrument :
MSVOA_Y
ClientSampleId :

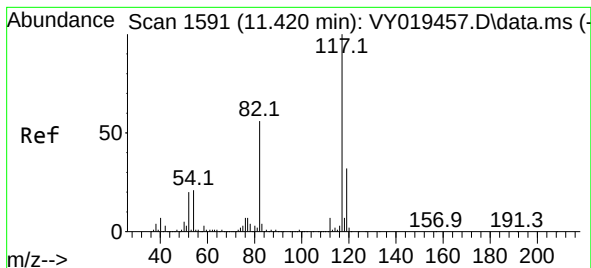
Tgt Ion: 98 Resp: 862562
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.235 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019512.D
Acq: 11 Sep 2024 16:29

Tgt Ion: 95 Resp: 294342
Ion Ratio Lower Upper
95 100
174 74.0 0.0 175.6
176 71.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

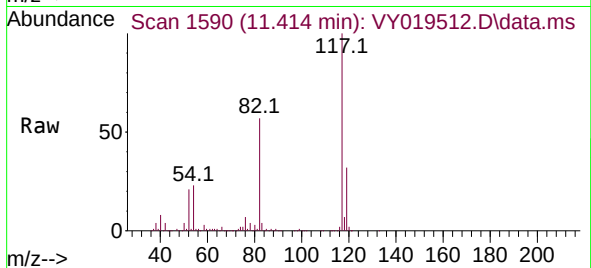
Lab File: VY019512.D

Acq: 11 Sep 2024 16:29

Instrument :

MSVOA_Y

ClientSampleId :



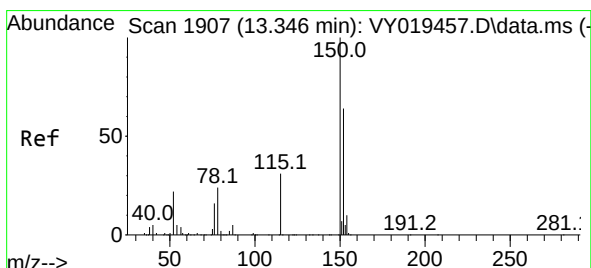
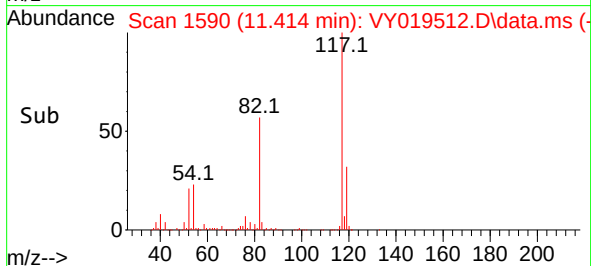
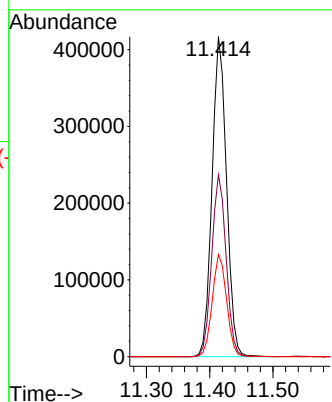
Tgt Ion:117 Resp: 661961

Ion Ratio Lower Upper

117 100

82 56.9 42.4 63.6

119 31.9 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: VY019512.D

Acq: 11 Sep 2024 16:29

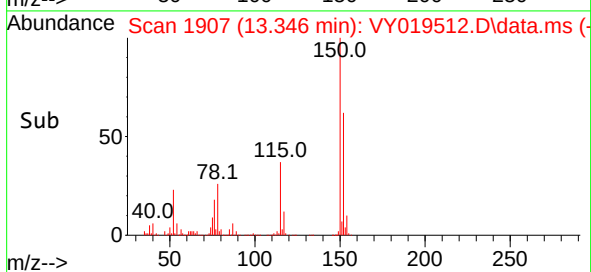
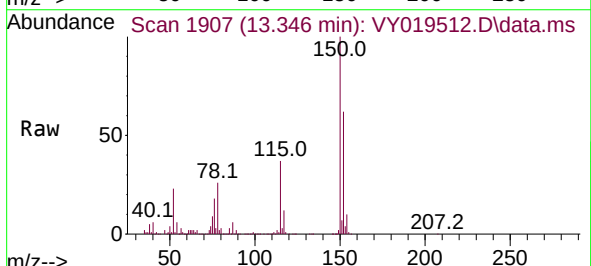
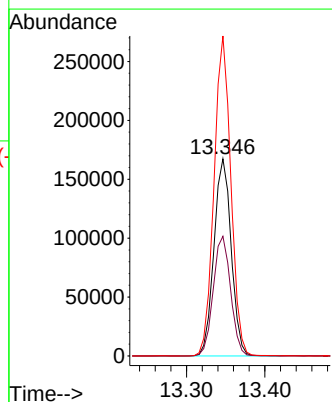
Tgt Ion:152 Resp: 256119

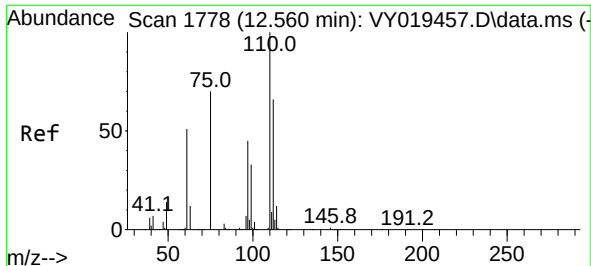
Ion Ratio Lower Upper

152 100

115 61.2 28.2 84.7

150 158.3 0.0 345.6

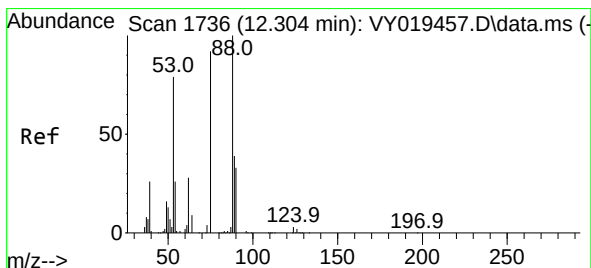
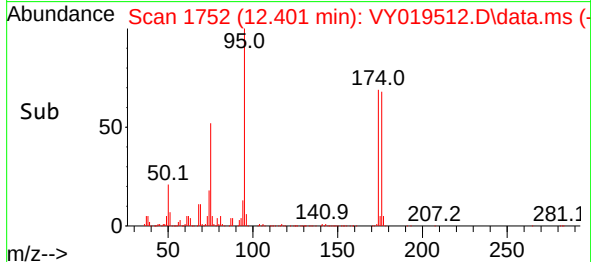
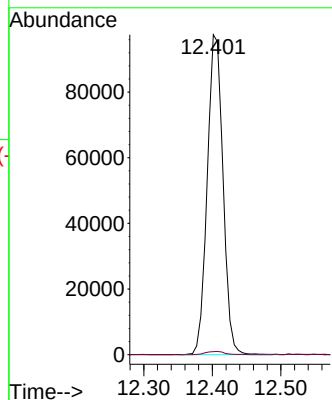
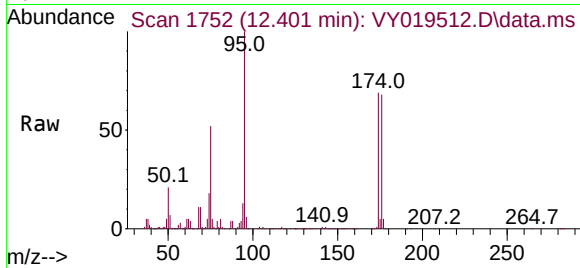




#76
1,2,3-Trichloropropane
Concen: 65.066 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019512.D
Acq: 11 Sep 2024 16:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 156197
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.909 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019512.D
Acq: 11 Sep 2024 16:29

Tgt Ion: 75 Resp: 156197
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

