

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019641.D
 Acq On : 20 Sep 2024 13:26
 Operator : SY/MD
 Sample : P4087-09
 Misc : 5.69g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 20 15:23:30 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)

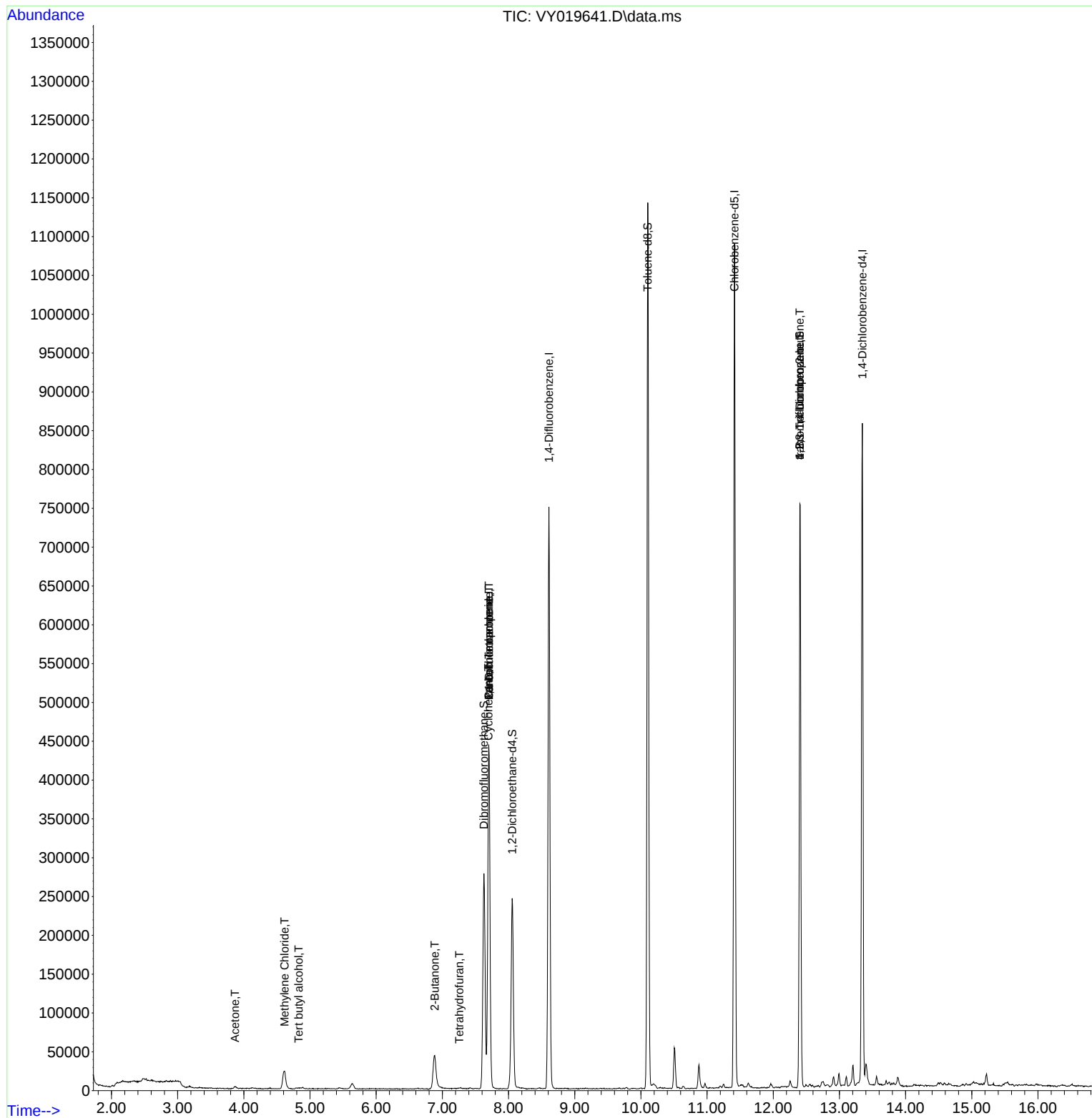
Internal Standards						
1) Pentafluorobenzene	7.701	168	329560	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	623185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	556846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	212032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	191648	62.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.600%	
35) Dibromofluoromethane	7.628	113	197848	55.995	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.980%	
50) Toluene-d8	10.103	98	738353	56.496	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.000%	
62) 4-Bromofluorobenzene	12.401	95	240199	47.799	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	153	Below Cal	#	43
11) Tert butyl alcohol	4.830	59	1097	4.451	ug/l #	95
13) Acrolein	3.635	56	49	Below Cal		90
16) Acetone	3.866	43	4399	6.051	ug/l #	86
20) Methylene Chloride	4.616	84	16689	5.034	ug/l	88
25) 2-Butanone	6.884	43	4110	3.975	ug/l #	55
29) Tetrahydrofuran	7.256	42	675	1.074	ug/l #	58
31) Cyclohexane	7.695	56	7977	1.461	ug/l #	36
36) 1,1-Dichloropropene	7.701	75	28460	5.919	ug/l #	49
38) Carbon Tetrachloride	7.701	117	36325	6.700	ug/l #	17
76) 1,2,3-Trichloropropane	12.401	75	128940	64.880	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	128940	124.551	ug/l #	16

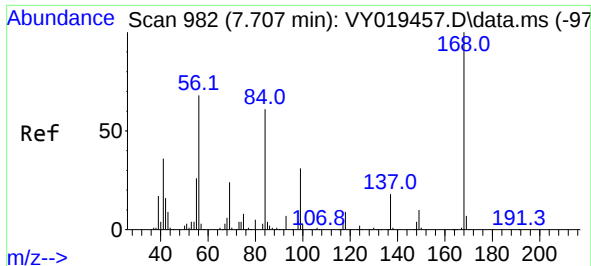
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019641.D
Acq On : 20 Sep 2024 13:26
Operator : SY/MD
Sample : P4087-09
Misc : 5.69g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

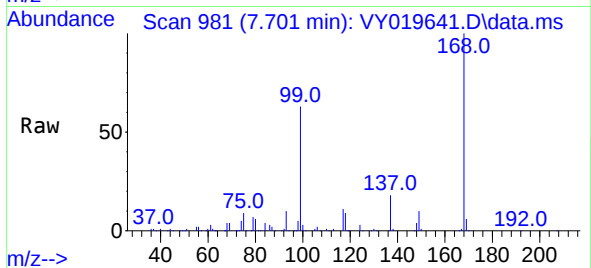
Quant Time: Sep 20 15:23:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration



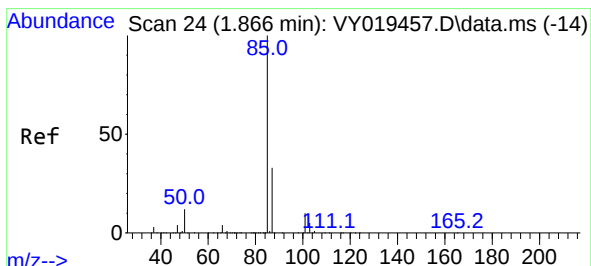
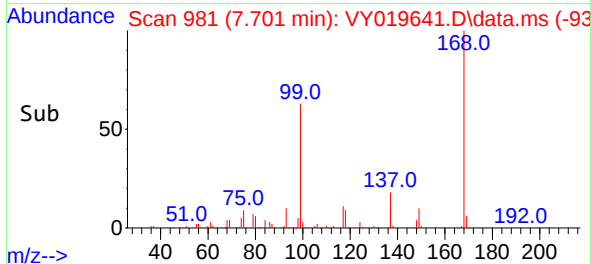
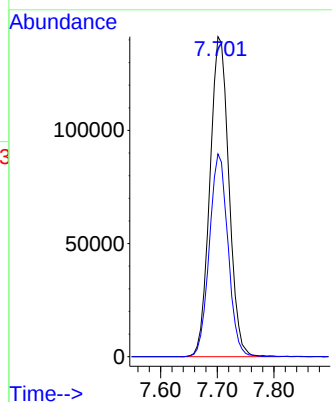


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019641.D
Acq: 20 Sep 2024 13:26

Instrument :
MSVOA_Y
ClientSampleId :

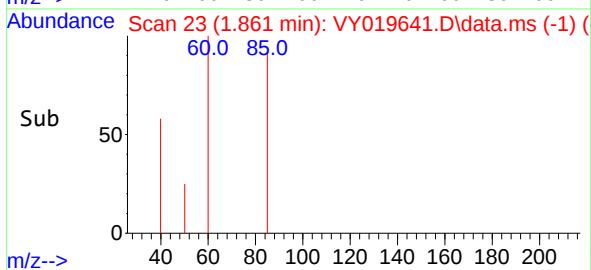
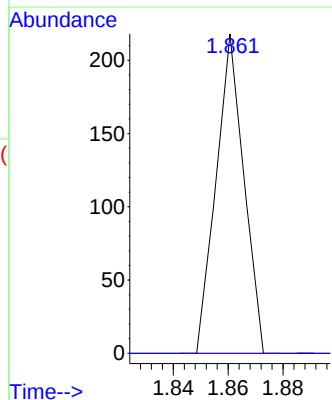
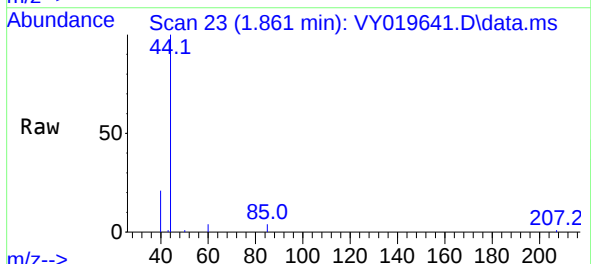


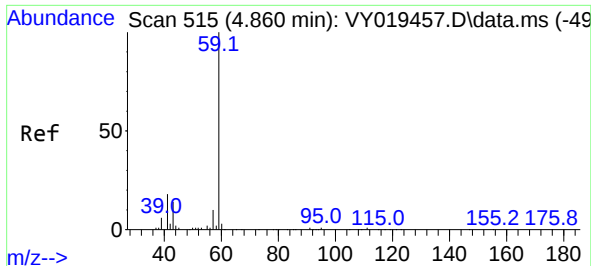
Tgt Ion:168 Resp: 329560
Ion Ratio Lower Upper
168 100
99 63.4 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019641.D
Acq: 20 Sep 2024 13:26

Tgt Ion: 85 Resp: 153
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

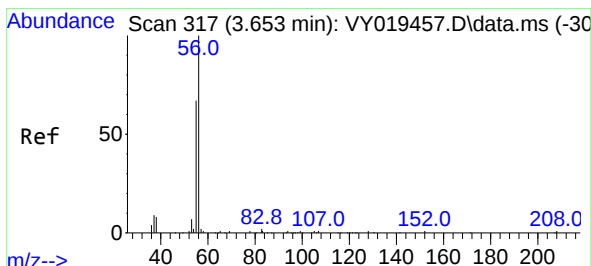
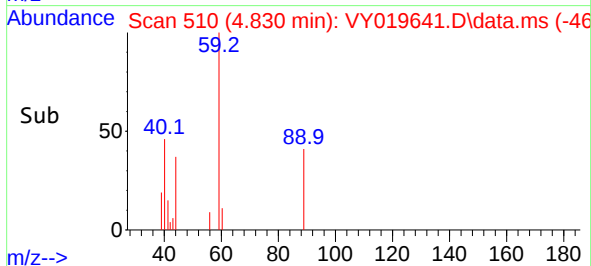
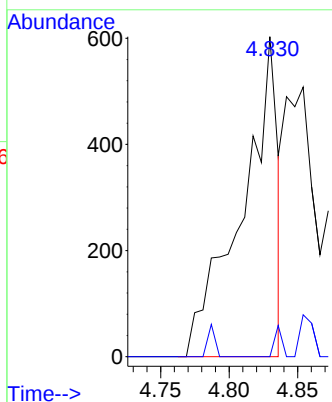
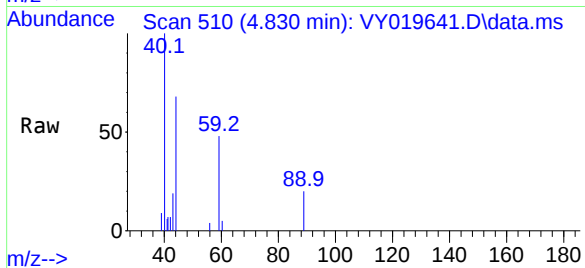




#11
Tert butyl alcohol
Concen: 4.451 ug/l
RT: 4.830 min Scan# 51
Delta R.T. -0.030 min
Lab File: VY019641.D
Acq: 20 Sep 2024 13:26

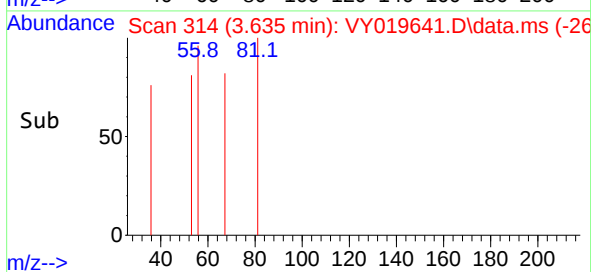
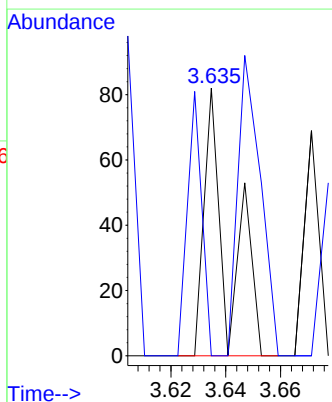
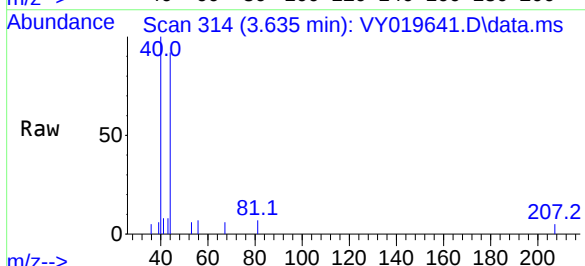
Instrument :
MSVOA_Y
ClientSampleId :

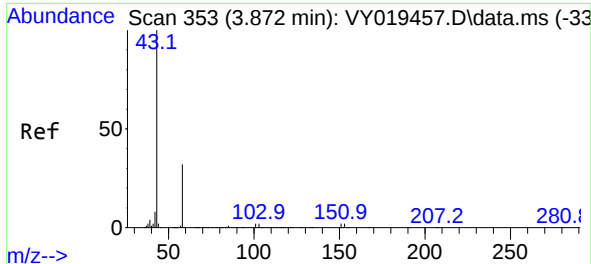
Tgt Ion: 59 Resp: 1097
Ion Ratio Lower Upper
59 100
57 2.0 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.635 min Scan# 314
Delta R.T. -0.018 min
Lab File: VY019641.D
Acq: 20 Sep 2024 13:26

Tgt Ion: 56 Resp: 49
Ion Ratio Lower Upper
56 100
55 61.2 55.7 83.5





#16

Acetone

Concen: 6.051 ug/l

RT: 3.866 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY019641.D

Acq: 20 Sep 2024 13:26

Instrument :

MSVOA_Y

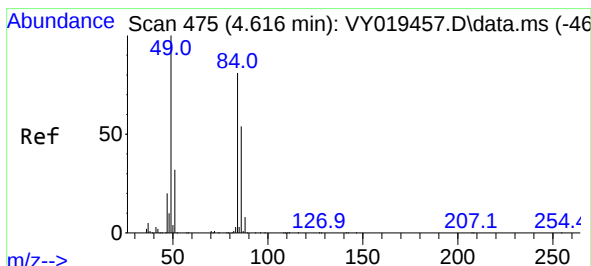
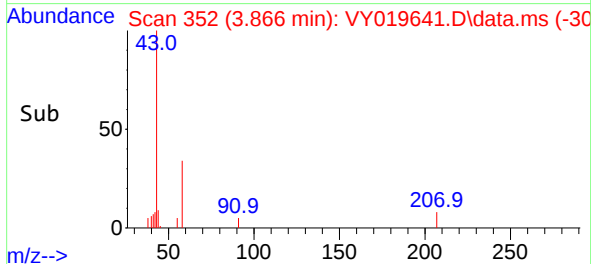
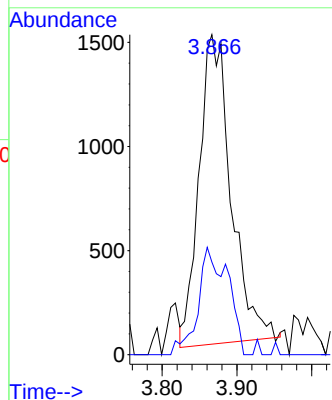
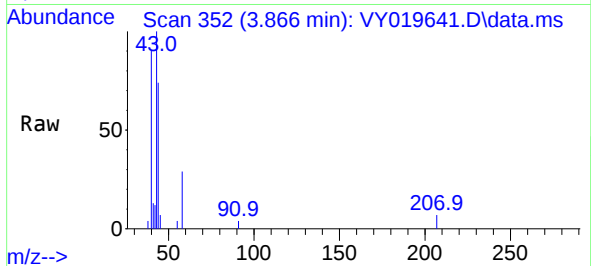
ClientSampleId :

Tgt Ion: 43 Resp: 4399

Ion Ratio Lower Upper

43 100

58 31.1 31.7 47.5#



#20

Methylene Chloride

Concen: 5.034 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY019641.D

Acq: 20 Sep 2024 13:26

Tgt Ion: 84 Resp: 16689

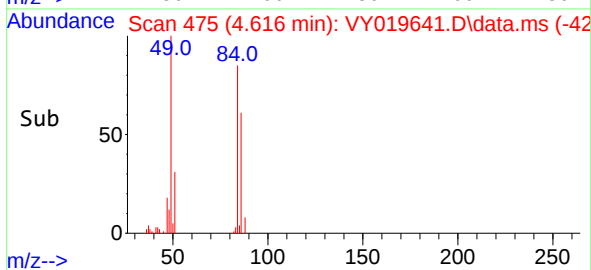
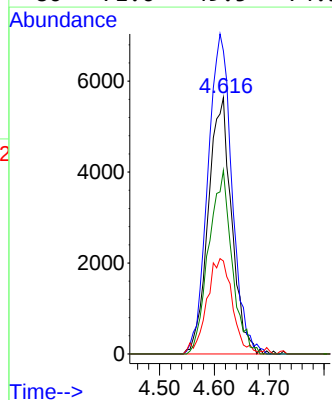
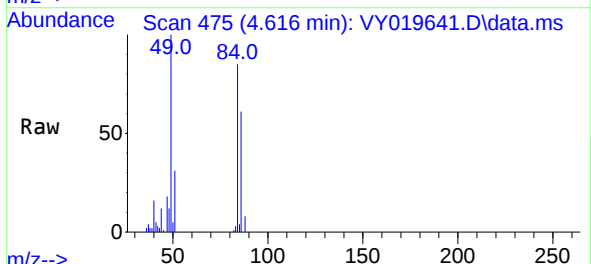
Ion Ratio Lower Upper

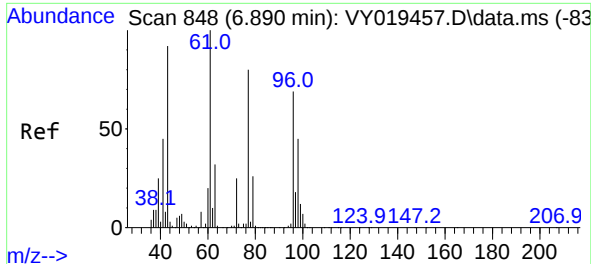
84 100

49 118.3 84.4 126.6

51 36.3 26.0 39.0

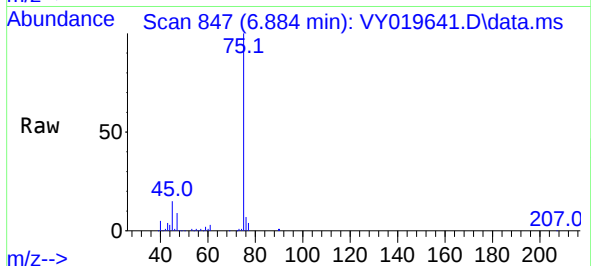
86 71.6 49.5 74.3



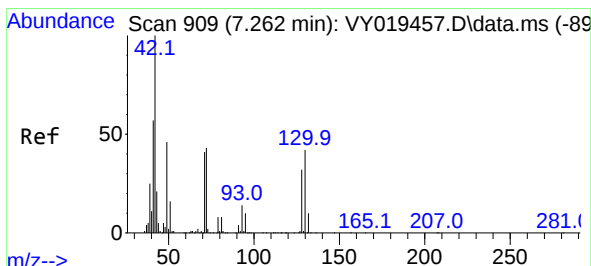
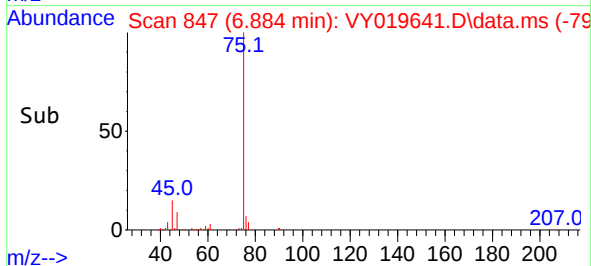
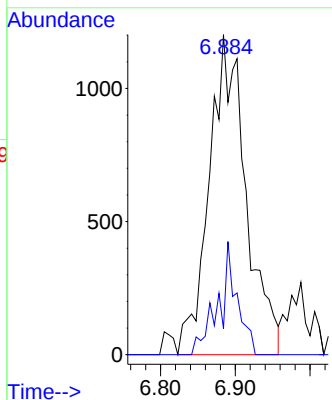


#25
2-Butanone
Concen: 3.975 ug/l
RT: 6.884 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY019641.D
Acq: 20 Sep 2024 13:26

Instrument :
MSVOA_Y
ClientSampleId :

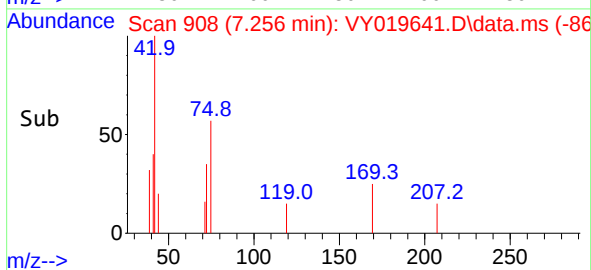
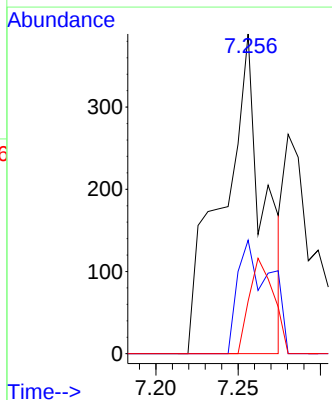
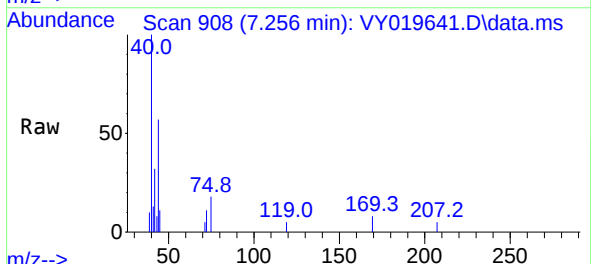


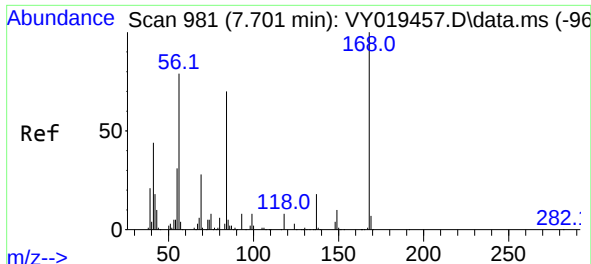
Tgt Ion: 43 Resp: 4110
Ion Ratio Lower Upper
43 100
72 8.2 27.3 40.9#



#29
Tetrahydrofuran
Concen: 1.074 ug/l
RT: 7.256 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY019641.D
Acq: 20 Sep 2024 13:26

Tgt Ion: 42 Resp: 675
Ion Ratio Lower Upper
42 100
72 27.9 43.0 64.4#
71 17.8 40.8 61.2#





#31

Cyclohexane

Concen: 1.461 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.006 min

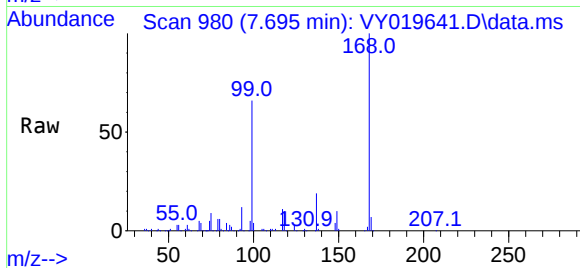
Lab File: VY019641.D

Acq: 20 Sep 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :



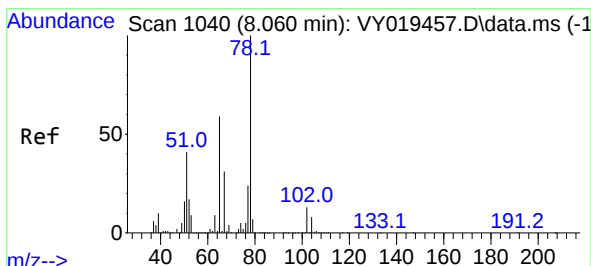
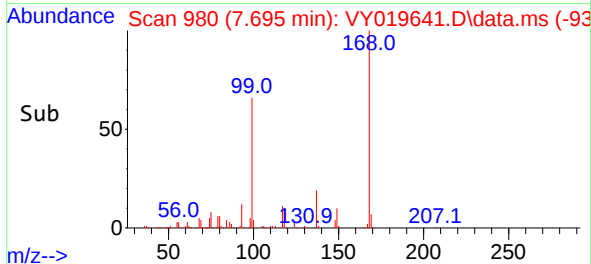
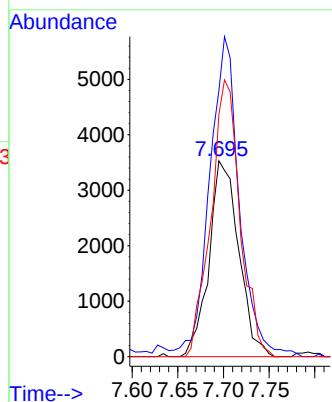
Tgt Ion: 56 Resp: 7977

Ion Ratio Lower Upper

56 100

69 132.2 28.7 43.1#

84 123.9 77.7 116.5#



#33

1,2-Dichloroethane-d4

Concen: 62.801 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY019641.D

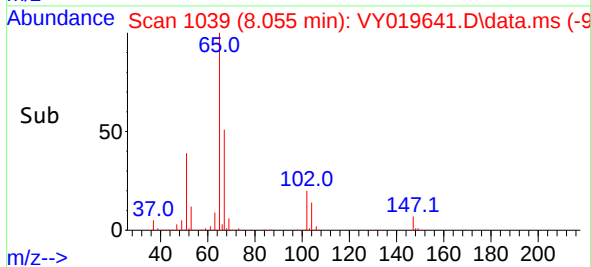
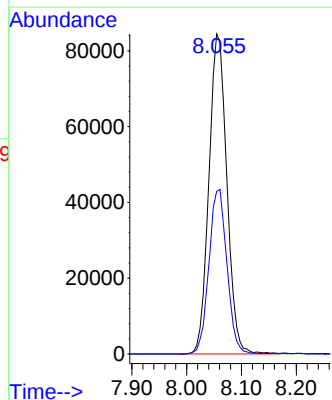
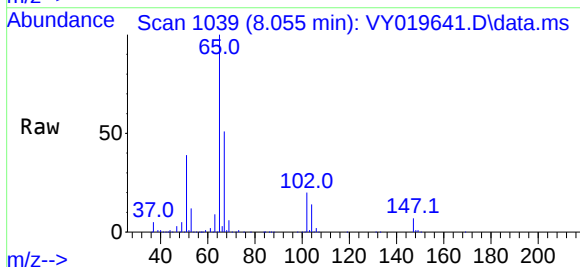
Acq: 20 Sep 2024 13:26

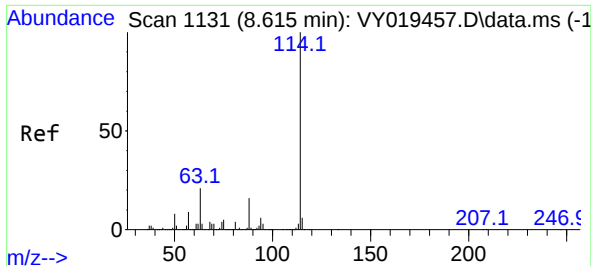
Tgt Ion: 65 Resp: 191648

Ion Ratio Lower Upper

65 100

67 51.7 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: VY019641.D

Acq: 20 Sep 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

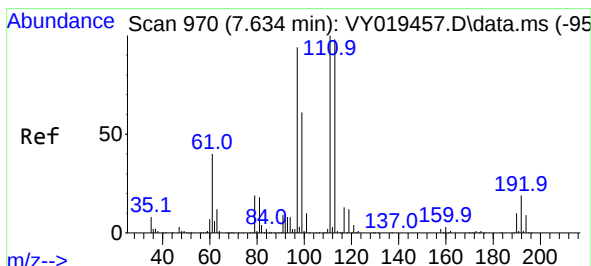
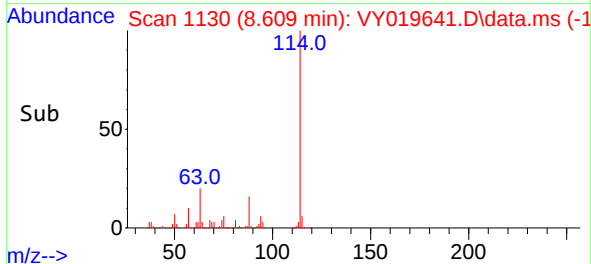
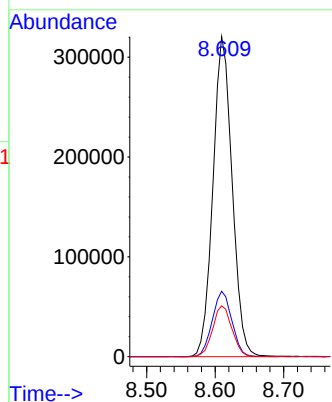
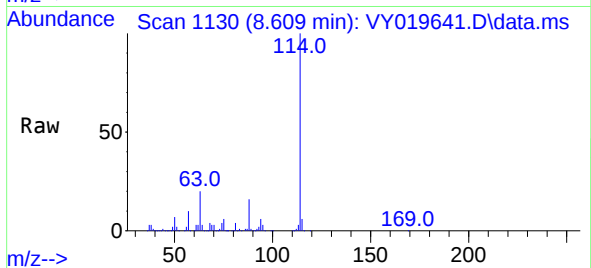
Tgt Ion:114 Resp: 623185

Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

88 15.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.995 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019641.D

Acq: 20 Sep 2024 13:26

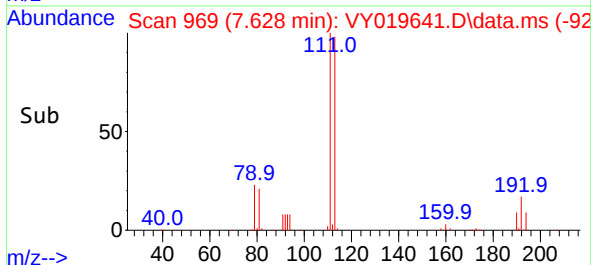
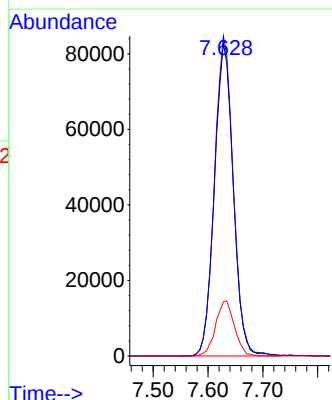
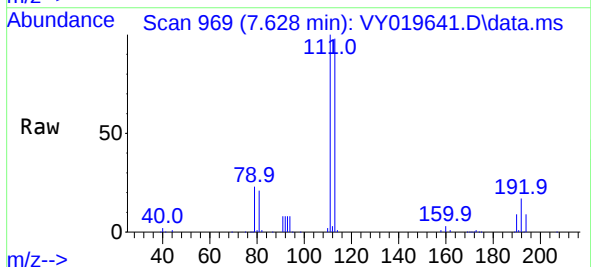
Tgt Ion:113 Resp: 197848

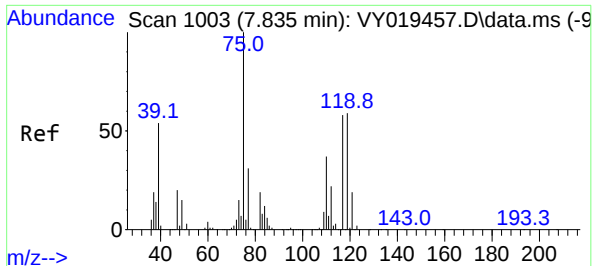
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

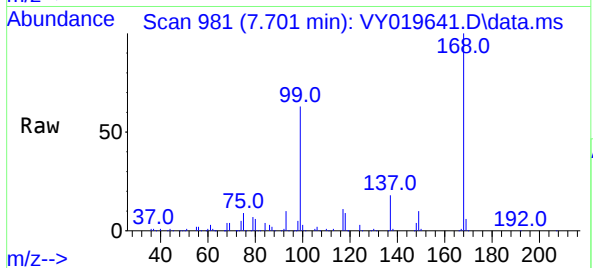
192 17.5 15.9 23.9



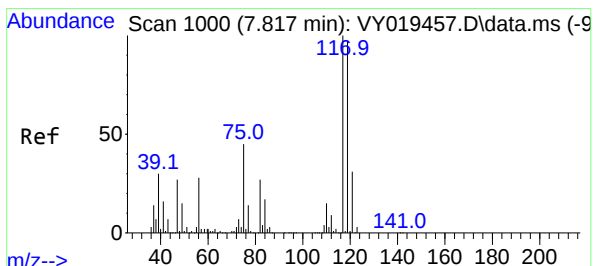
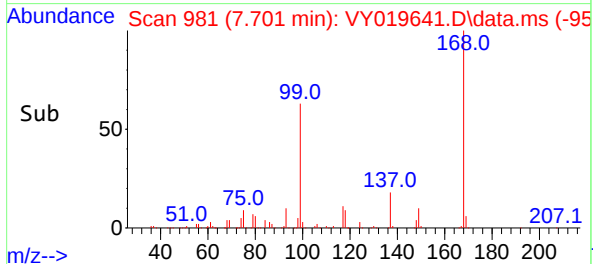
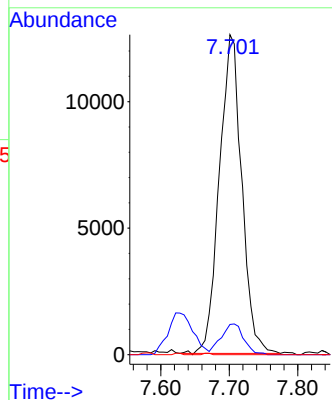


#36
1,1-Dichloropropene
Concen: 5.919 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019641.D
Acq: 20 Sep 2024 13:26

Instrument :
MSVOA_Y
ClientSampleId :

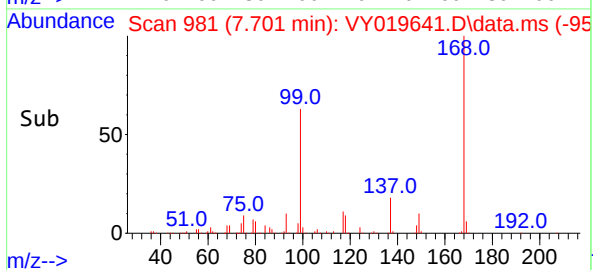
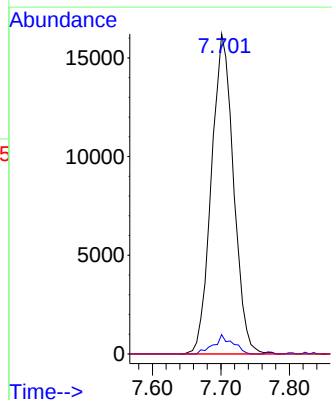
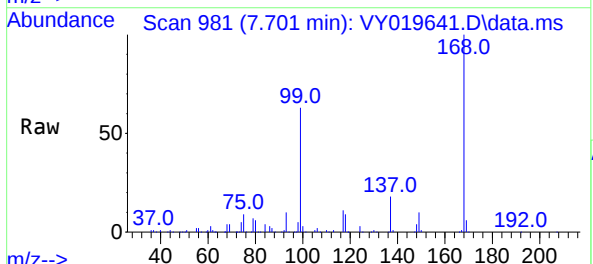


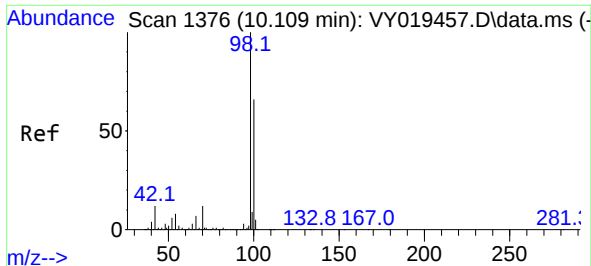
Tgt Ion: 75 Resp: 28460
Ion Ratio Lower Upper
75 100
110 9.8 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.700 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY019641.D
Acq: 20 Sep 2024 13:26

Tgt Ion: 117 Resp: 36325
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.6#
121 0.0 24.0 36.0#

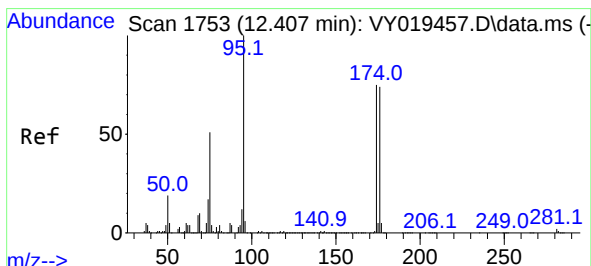
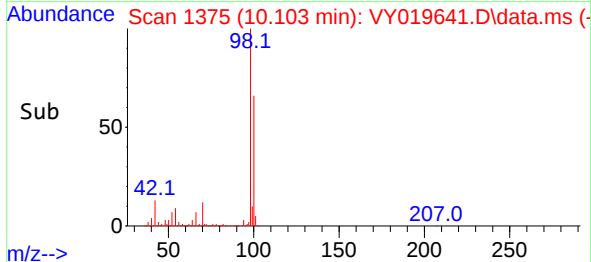
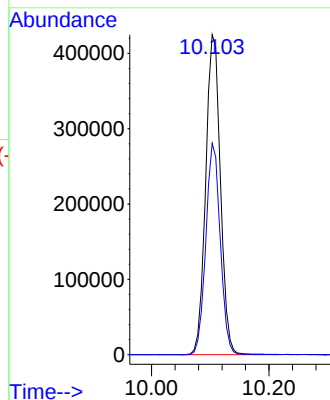
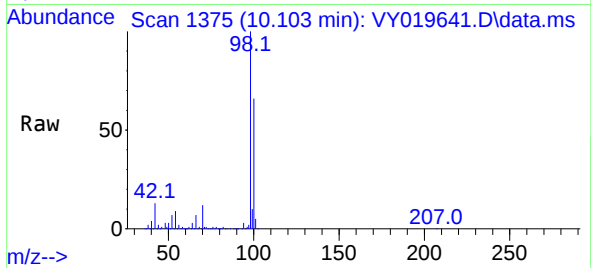




#50
Toluene-d8
Concen: 56.496 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019641.D
Acq: 20 Sep 2024 13:26

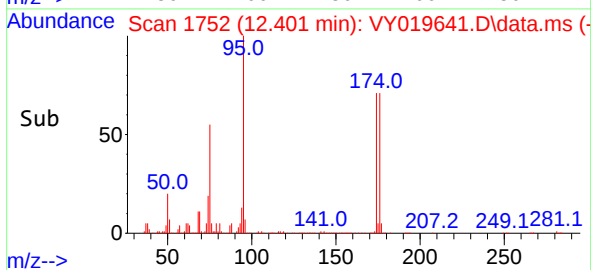
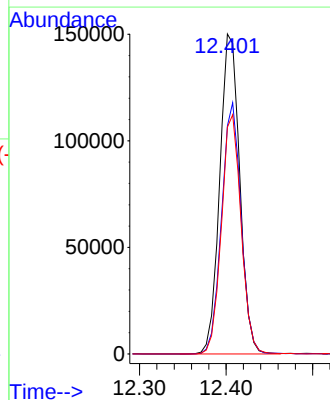
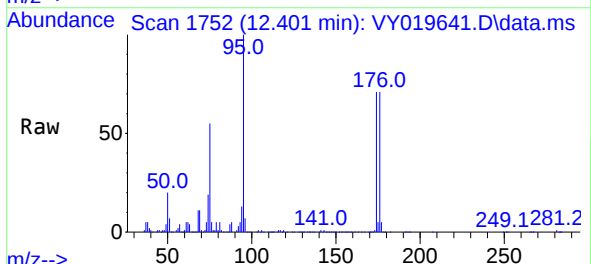
Instrument :
MSVOA_Y
ClientSampleId :

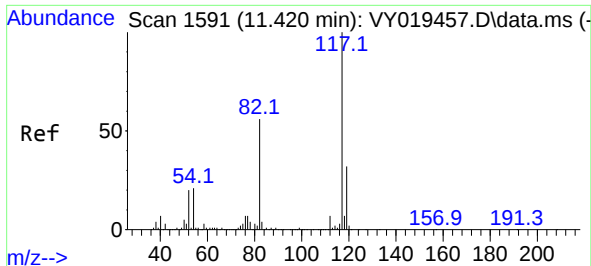
Tgt Ion: 98 Resp: 738353
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.799 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019641.D
Acq: 20 Sep 2024 13:26

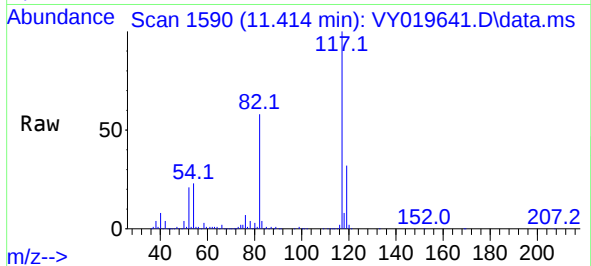
Tgt Ion: 95 Resp: 240199
Ion Ratio Lower Upper
95 100
174 76.7 0.0 175.6
176 73.4 0.0 171.4



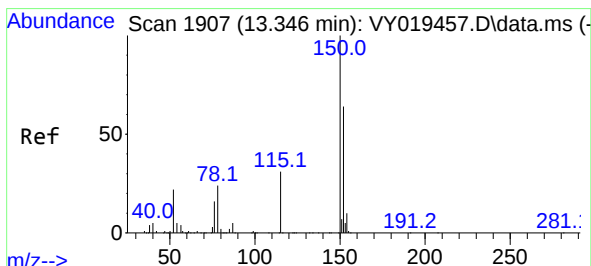
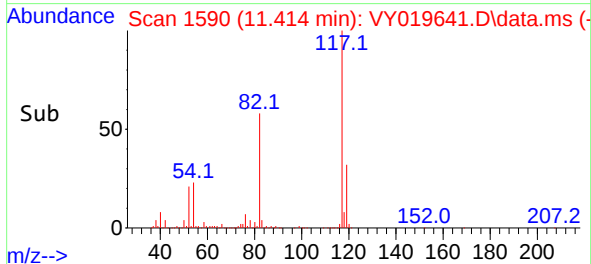
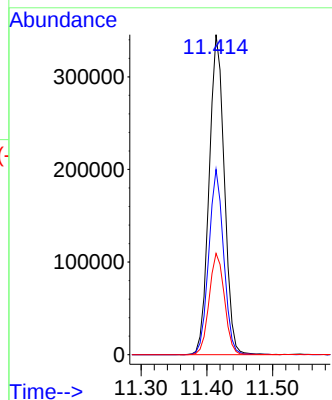


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY019641.D
Acq: 20 Sep 2024 13:26

Instrument :
MSVOA_Y
ClientSampleId :

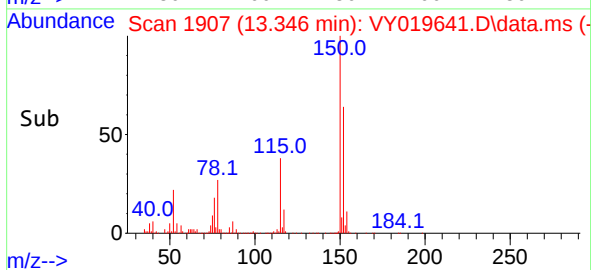
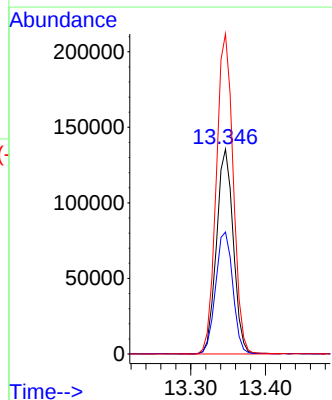
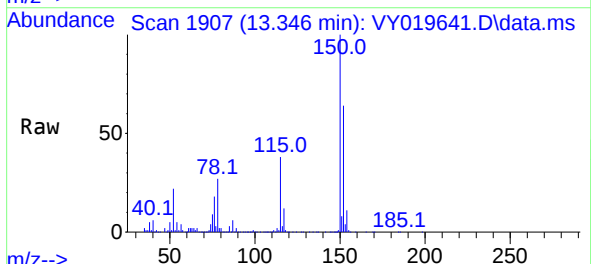


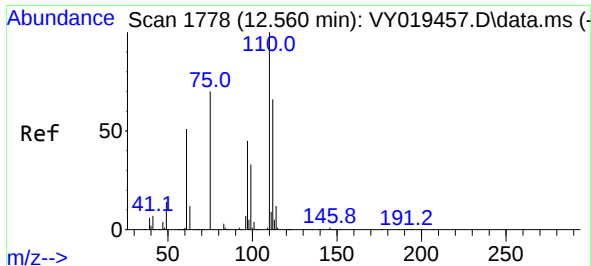
Tgt Ion:117 Resp: 556846
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 31.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019641.D
Acq: 20 Sep 2024 13:26

Tgt Ion:152 Resp: 212032
Ion Ratio Lower Upper
152 100
115 60.7 28.2 84.7
150 157.0 0.0 345.6

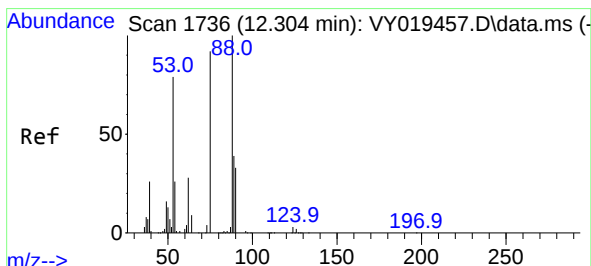
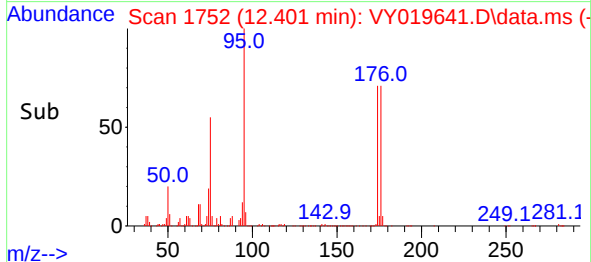
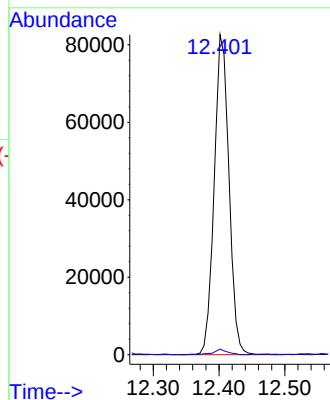
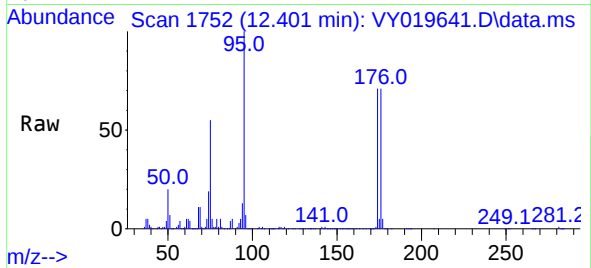




#76
1,2,3-Trichloropropane
Concen: 64.880 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019641.D
Acq: 20 Sep 2024 13:26

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 128940
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.551 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019641.D
Acq: 20 Sep 2024 13:26

Tgt Ion: 75 Resp: 128940
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 35.8 53.6#

