

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019636.D
 Acq On : 20 Sep 2024 11:11
 Operator : SY/MD
 Sample : VY0920SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 20 15:22:37 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)

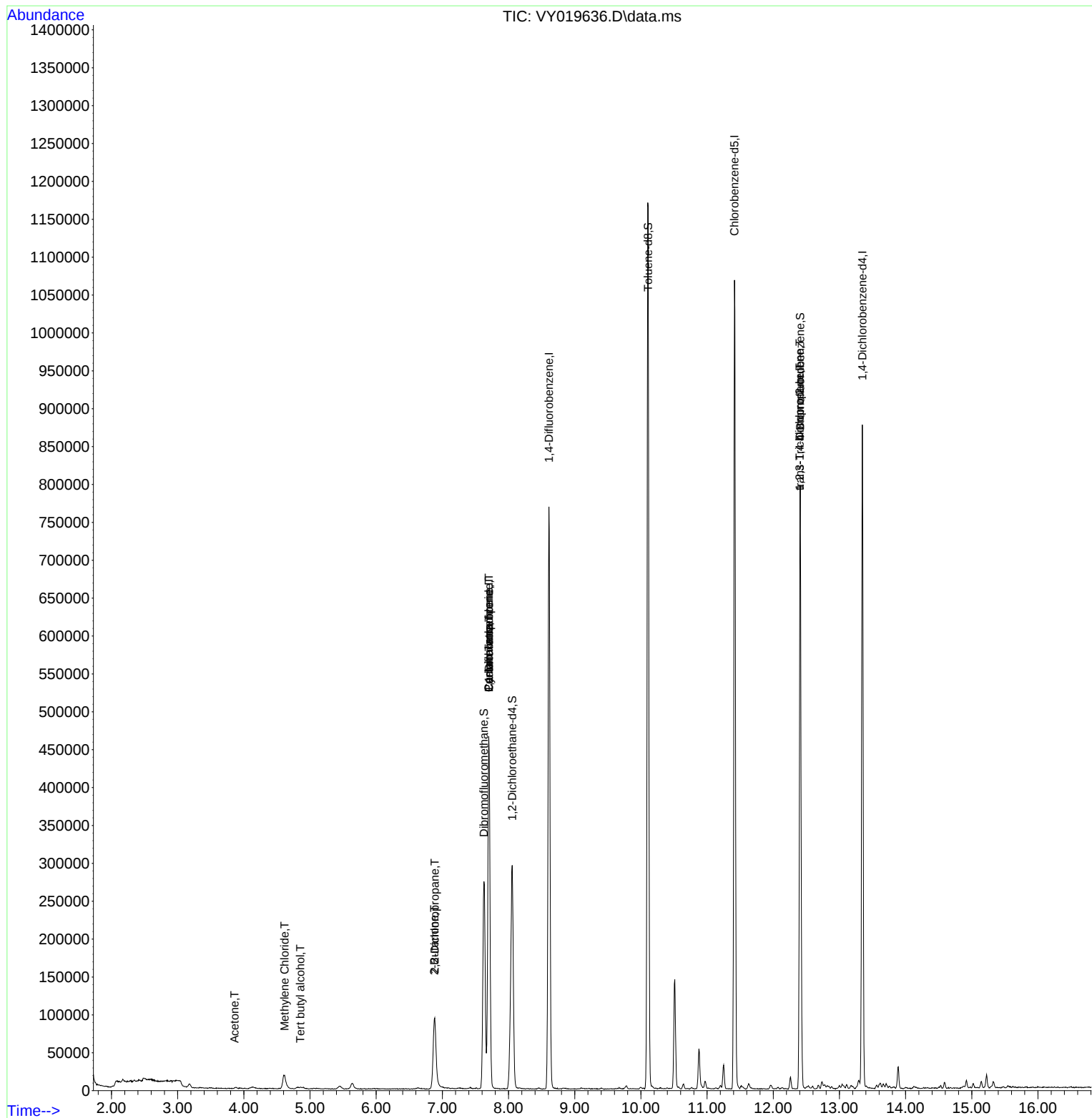
Internal Standards						
1) Pentafluorobenzene	7.701	168	344173	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	652882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	566913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	211948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	191091	59.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.920%	
35) Dibromofluoromethane	7.628	113	201063	54.316	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.640%	
50) Toluene-d8	10.109	98	767782	56.076	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.160%	
62) 4-Bromofluorobenzene	12.408	95	239946	45.577	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 91.160%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	214	Below Cal	#	43
11) Tert butyl alcohol	4.854	59	1910	7.421	ug/l #	70
13) Acrolein	3.647	56	308	Below Cal	#	76
16) Acetone	3.860	43	1242	1.636	ug/l #	72
20) Methylene Chloride	4.616	84	12660	3.656	ug/l	91
25) 2-Butanone	6.878	43	5064	4.690	ug/l #	62
26) 2,2-Dichloropropane	6.884	77	6948	1.221	ug/l #	51
31) Cyclohexane	7.701	56	8374	1.468	ug/l #	42
36) 1,1-Dichloropropene	7.701	75	29788	5.914	ug/l #	48
38) Carbon Tetrachloride	7.701	117	37041	6.521	ug/l #	17
76) 1,2,3-Trichloropropane	12.402	75	130311	65.596	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	130311	125.925	ug/l #	16

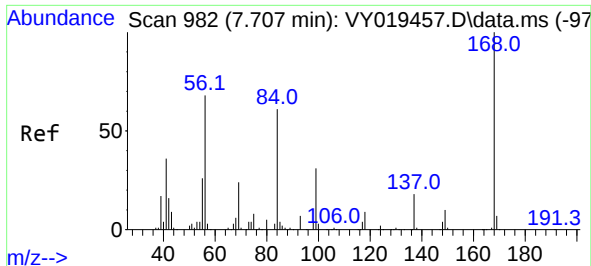
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
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Quant Time: Sep 20 15:22:37 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

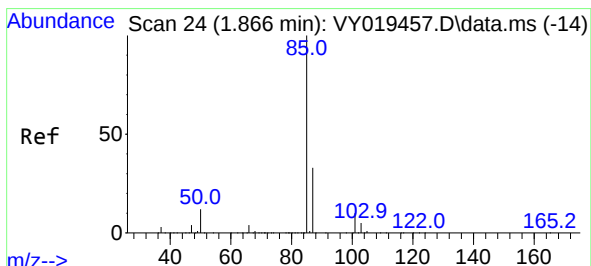
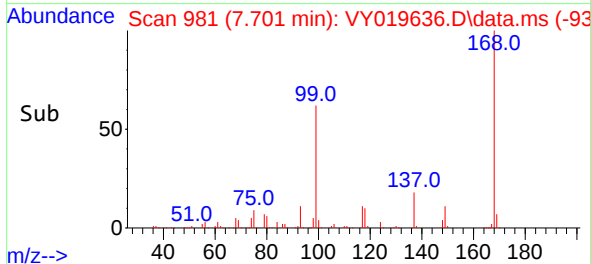
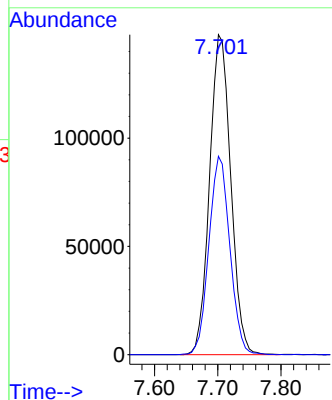
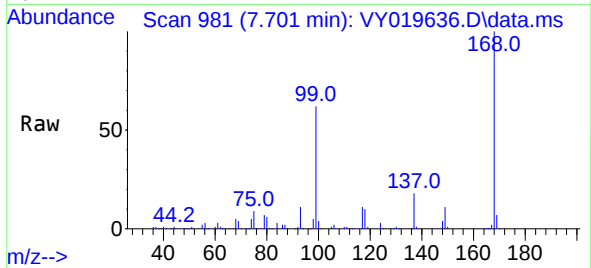




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

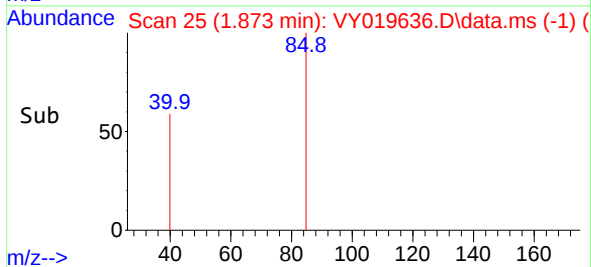
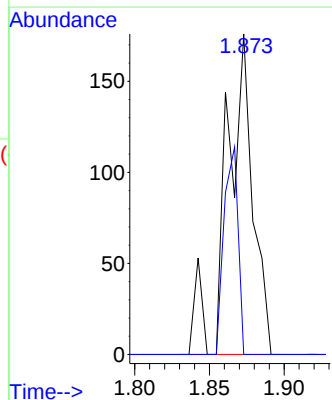
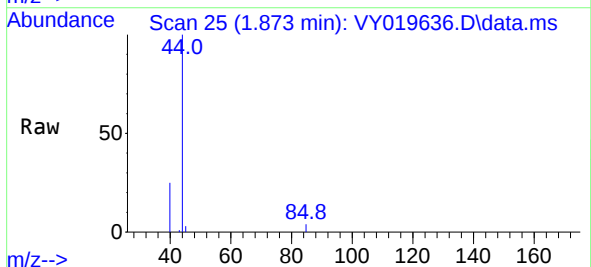
Instrument :
MSVOA_Y
ClientSampleId :

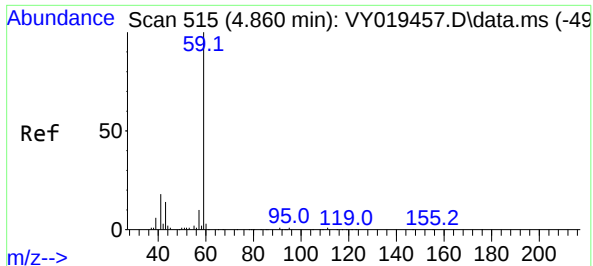
Tgt Ion:168 Resp: 344173
Ion Ratio Lower Upper
168 100
99 61.9 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

Tgt Ion: 85 Resp: 214
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

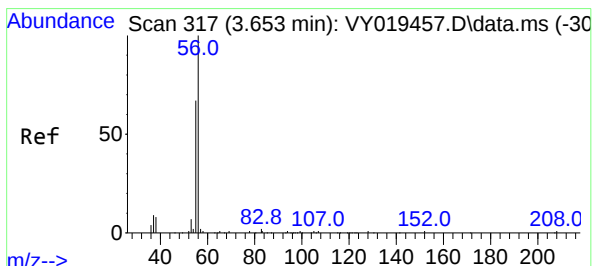
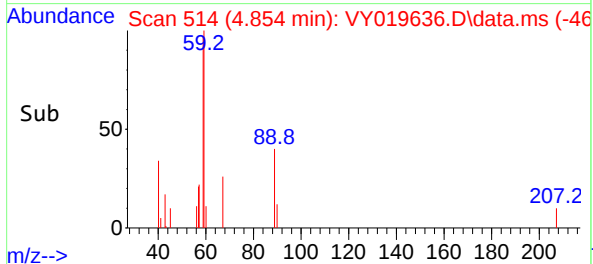
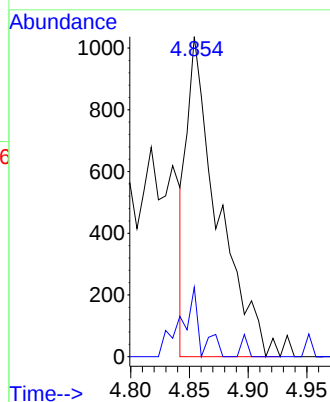
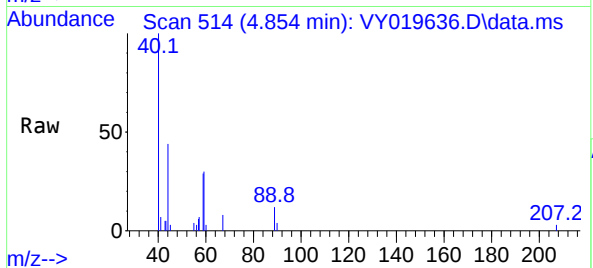




#11
Tert butyl alcohol
Concen: 7.421 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

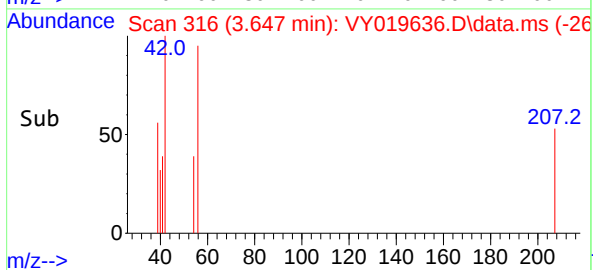
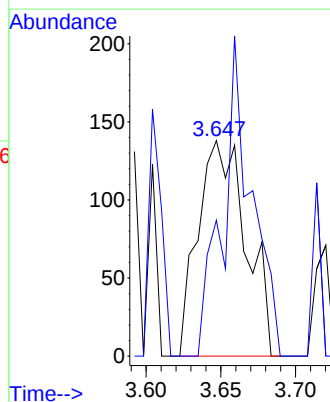
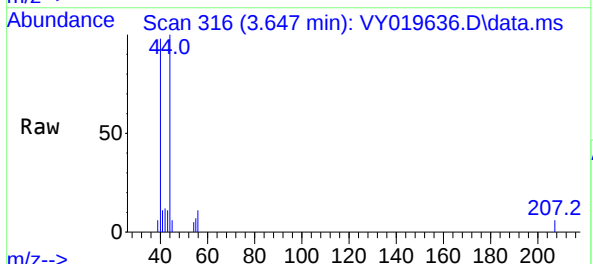
Instrument :
MSVOA_Y
ClientSampleId :

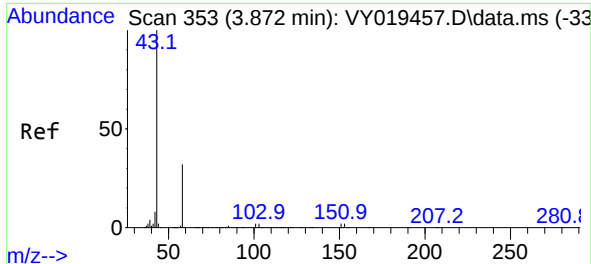
Tgt Ion: 59 Resp: 1910
Ion Ratio Lower Upper
59 100
57 13.8 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.647 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

Tgt Ion: 56 Resp: 308
Ion Ratio Lower Upper
56 100
55 89.0 55.7 83.5#

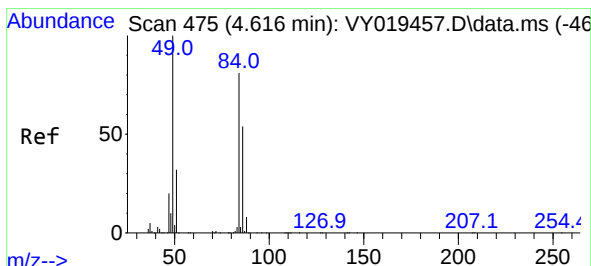
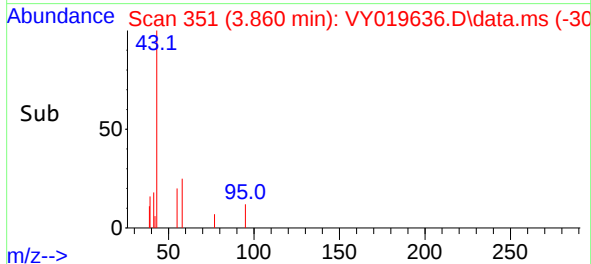
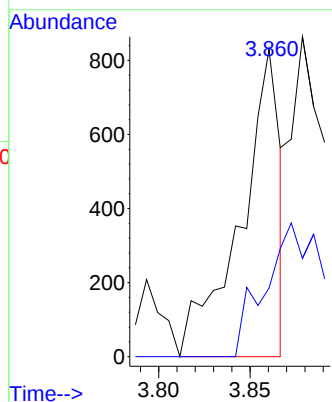
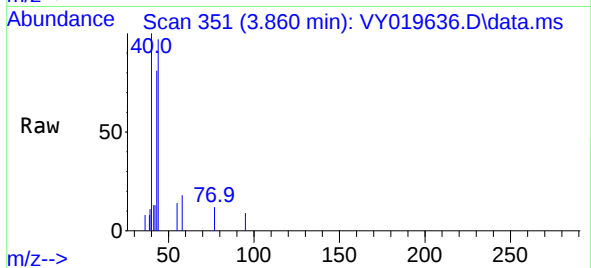




#16
Acetone
Concen: 1.636 ug/l
RT: 3.860 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

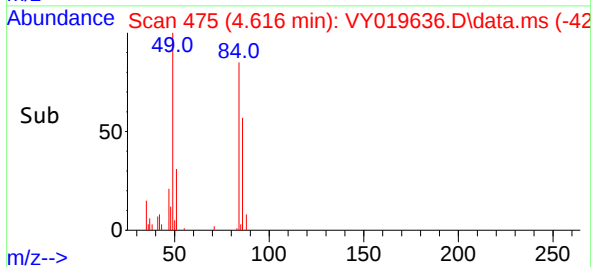
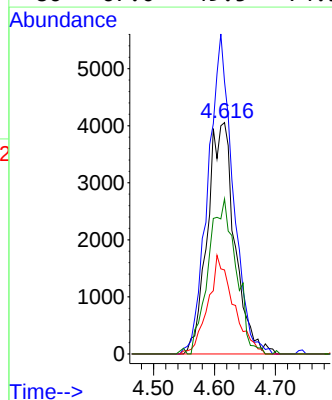
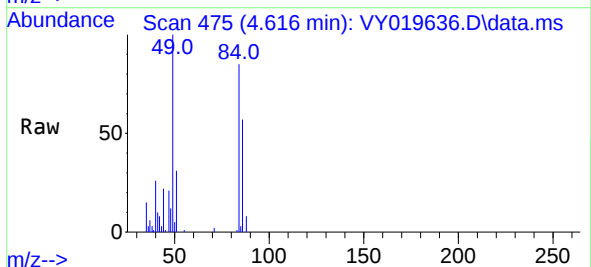
Instrument :
MSVOA_Y
ClientSampleId :

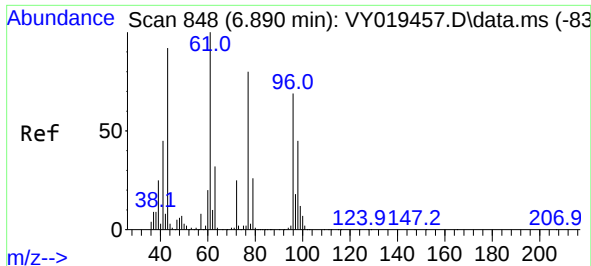
Tgt Ion: 43 Resp: 1242
Ion Ratio Lower Upper
43 100
58 22.3 31.7 47.5#



#20
Methylene Chloride
Concen: 3.656 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

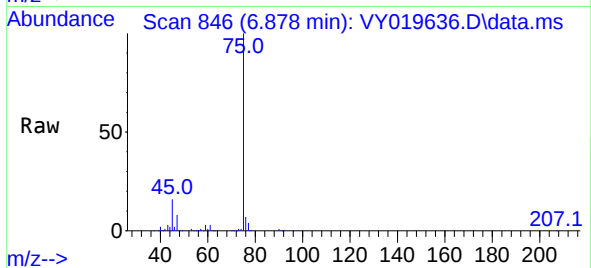
Tgt Ion: 84 Resp: 12660
Ion Ratio Lower Upper
84 100
49 117.7 84.4 126.6
51 36.3 26.0 39.0
86 67.0 49.5 74.3



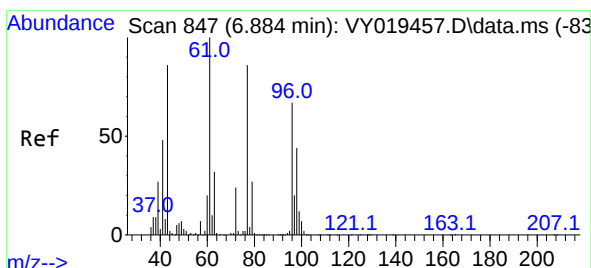
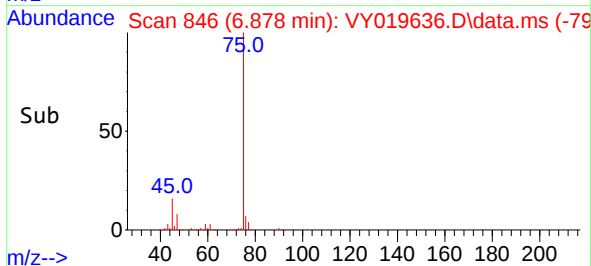
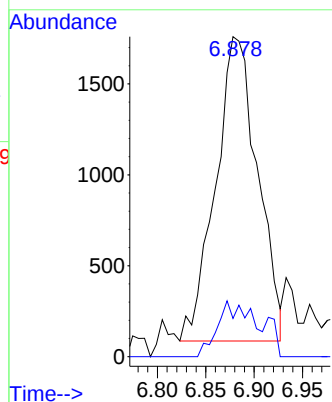


#25
2-Butanone
Concen: 4.690 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

Instrument :
MSVOA_Y
ClientSampleId :

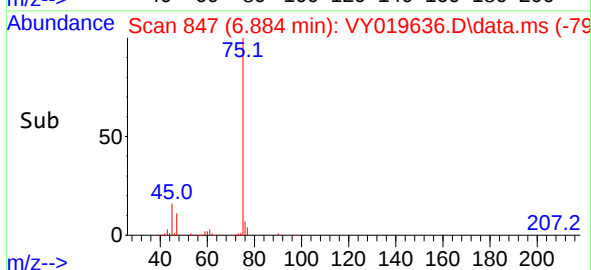
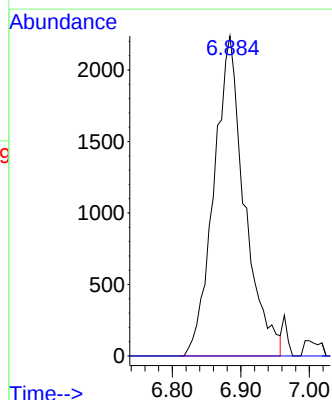
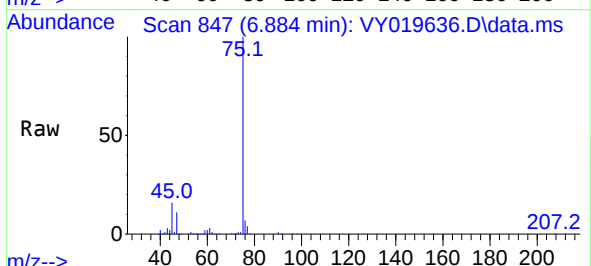


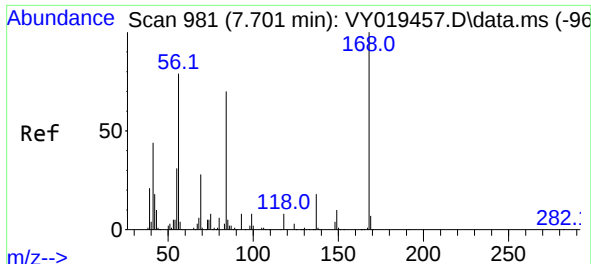
Tgt Ion: 43 Resp: 5064
Ion Ratio Lower Upper
43 100
72 12.5 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 1.221 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

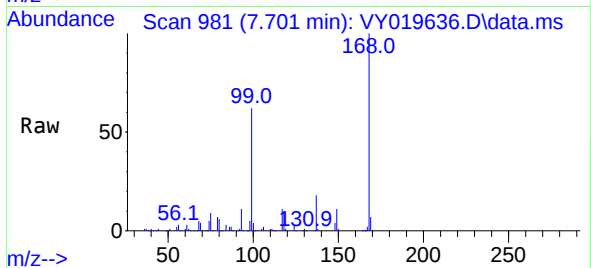
Tgt Ion: 77 Resp: 6948
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#



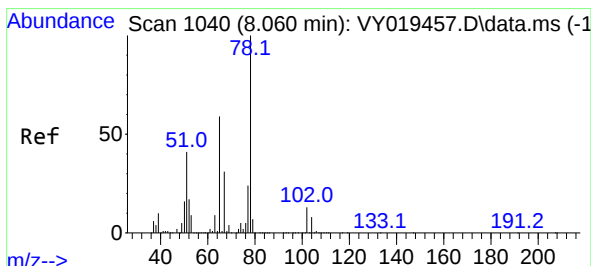
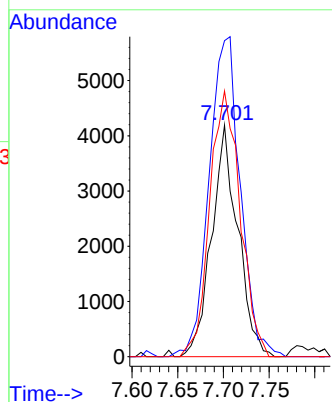
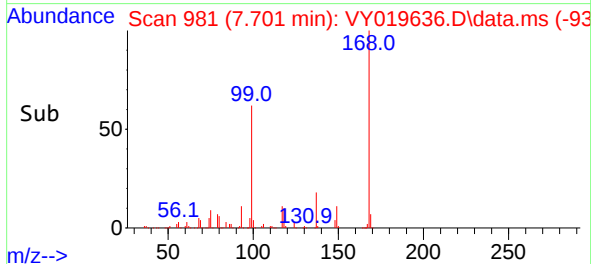


#31
Cyclohexane
Concen: 1.468 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

Instrument :
MSVOA_Y
ClientSampleId :

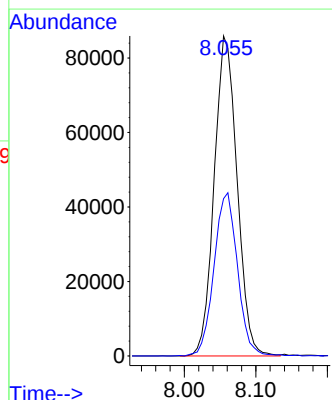
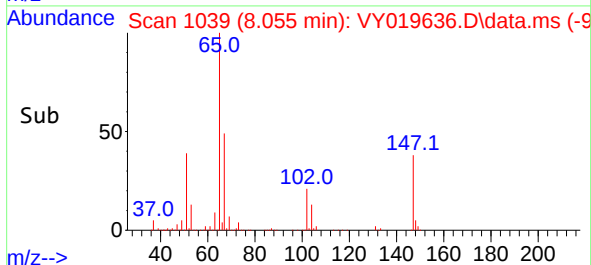
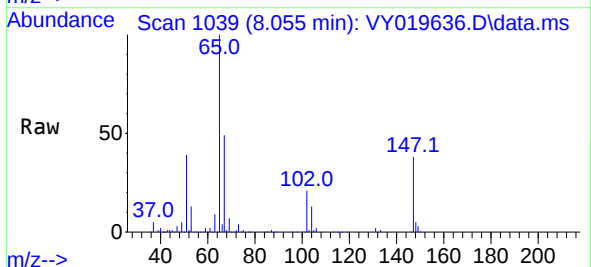


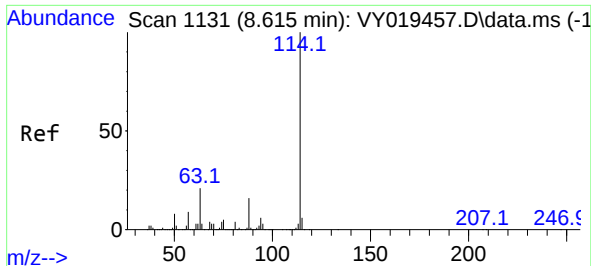
Tgt Ion: 56 Resp: 8374
Ion Ratio Lower Upper
56 100
69 134.7 28.7 43.1#
84 114.7 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 59.960 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

Tgt Ion: 65 Resp: 191091
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019636.D

Acq: 20 Sep 2024 11:11

Instrument :

MSVOA_Y

ClientSampleId :

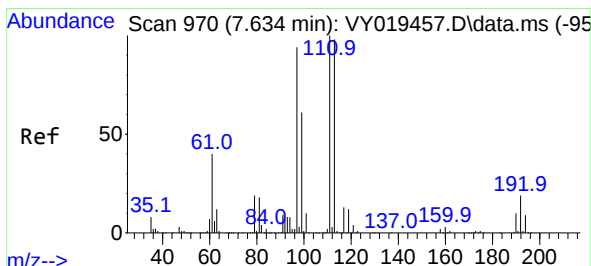
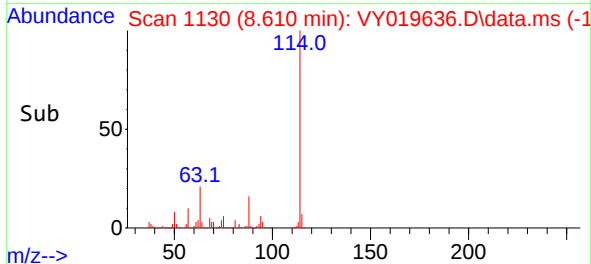
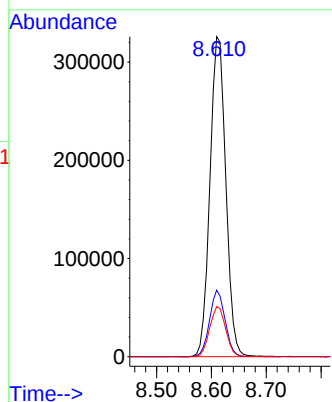
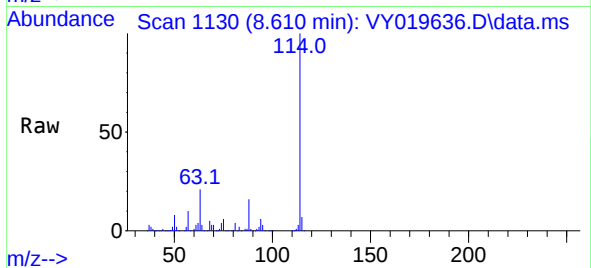
Tgt Ion:114 Resp: 652882

Ion Ratio Lower Upper

114 100

63 20.8 0.0 35.0

88 15.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.316 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019636.D

Acq: 20 Sep 2024 11:11

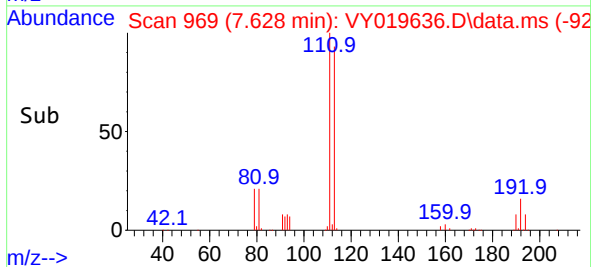
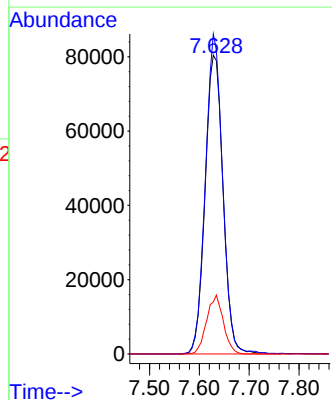
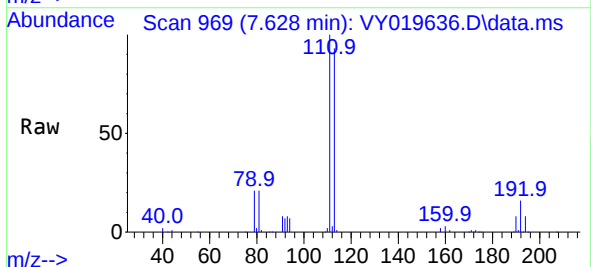
Tgt Ion:113 Resp: 201063

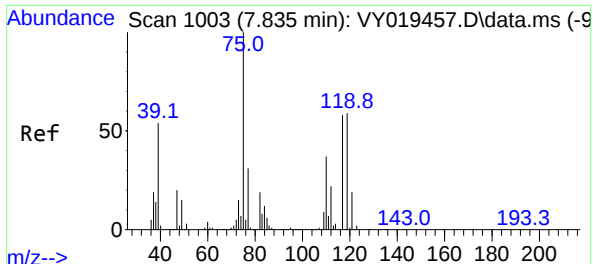
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 18.3 15.9 23.9

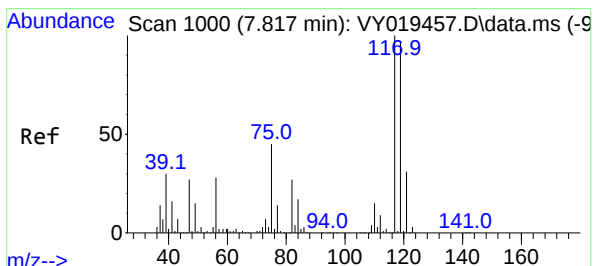
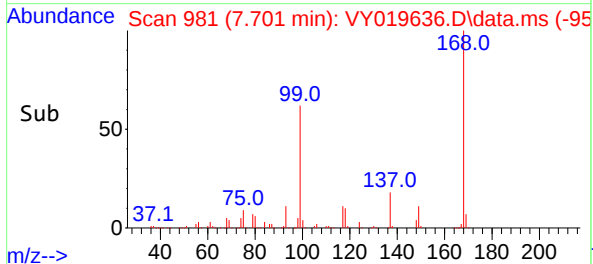
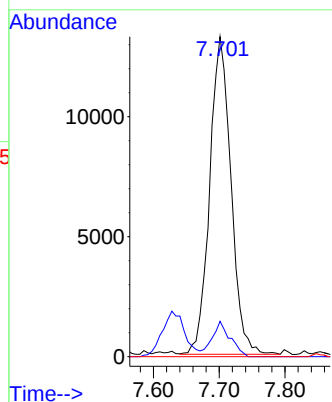
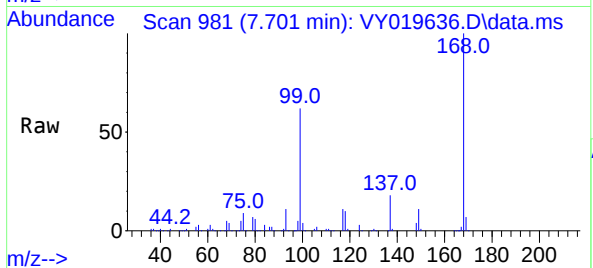




#36
1,1-Dichloropropene
Concen: 5.914 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

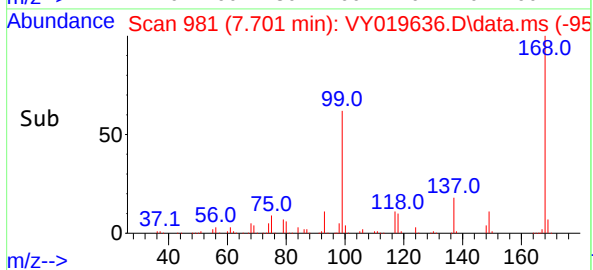
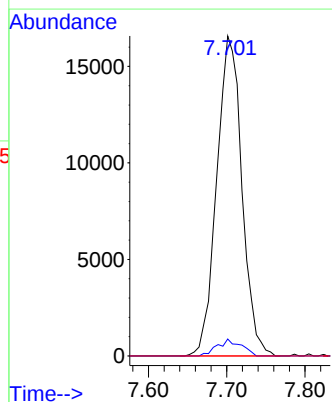
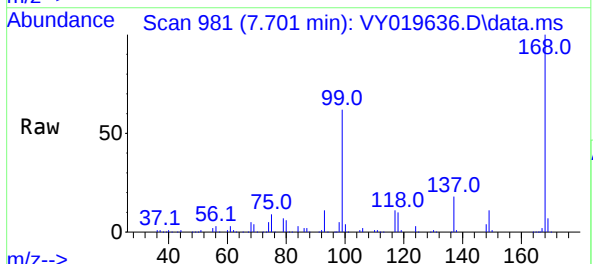
Instrument :
MSVOA_Y
ClientSampleId :

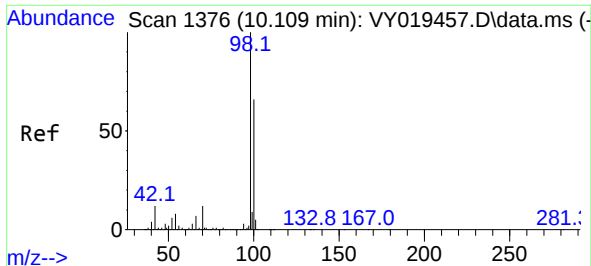
Tgt Ion: 75 Resp: 29788
Ion Ratio Lower Upper
75 100
110 9.5 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.521 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

Tgt Ion: 117 Resp: 37041
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.0 36.0#

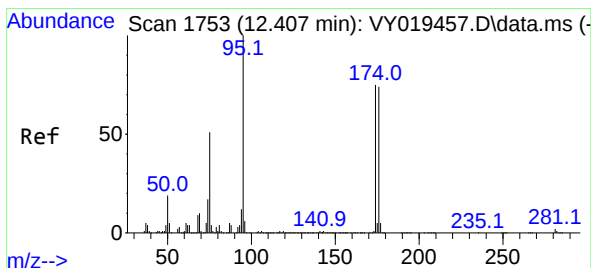
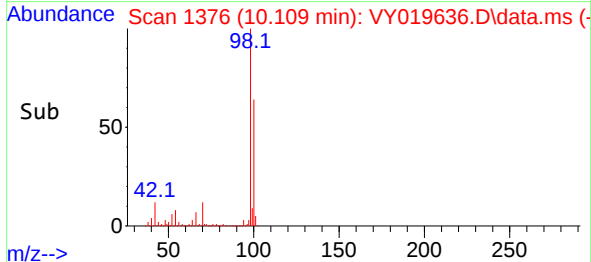
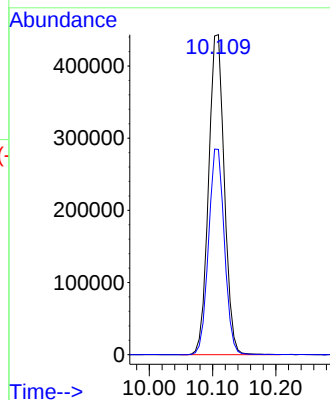
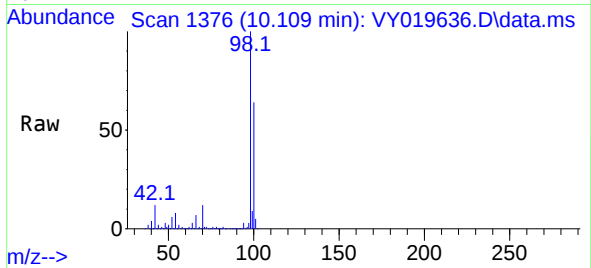




#50
Toluene-d8
Concen: 56.076 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

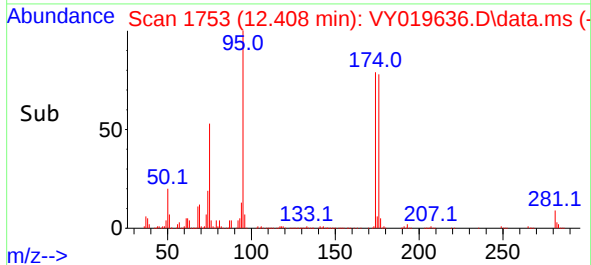
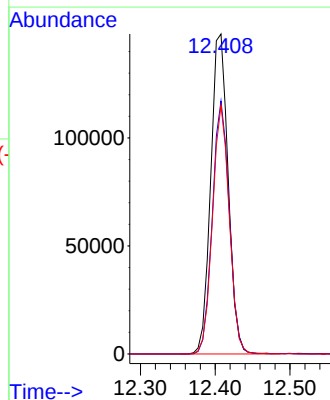
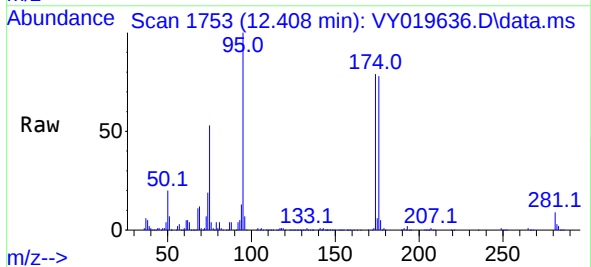
Instrument :
MSVOA_Y
ClientSampleId :

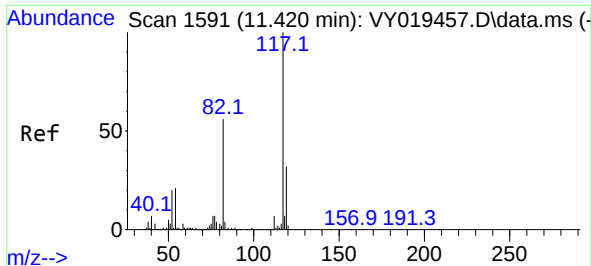
Tgt Ion: 98 Resp: 767782
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.577 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

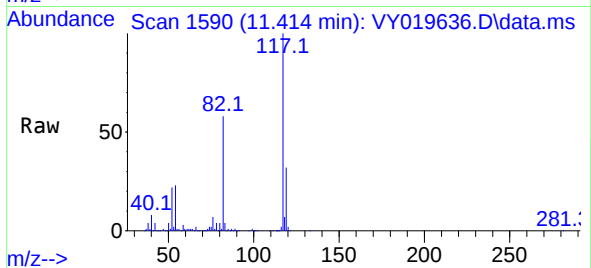
Tgt Ion: 95 Resp: 239946
Ion Ratio Lower Upper
95 100
174 76.8 0.0 175.6
176 74.7 0.0 171.4



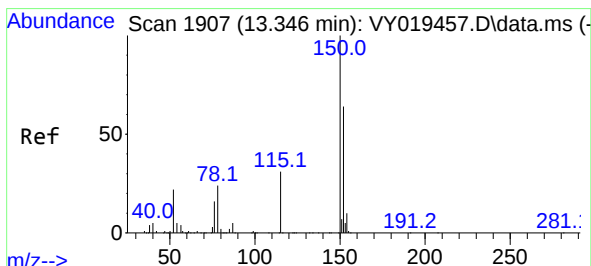
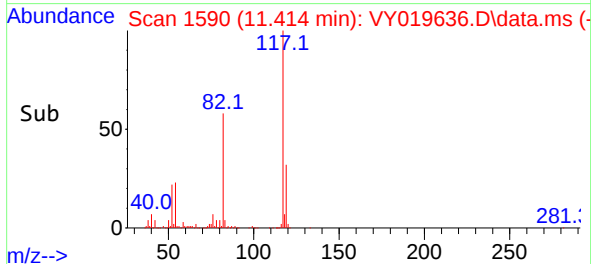
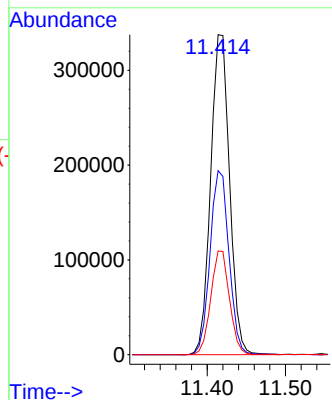


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

Instrument :
MSVOA_Y
ClientSampleId :

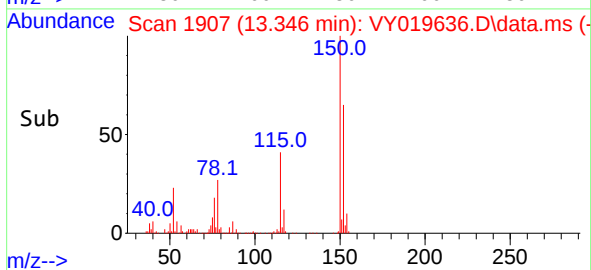
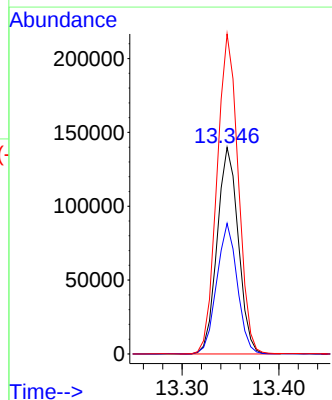
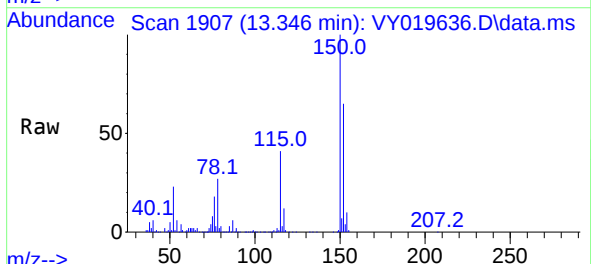


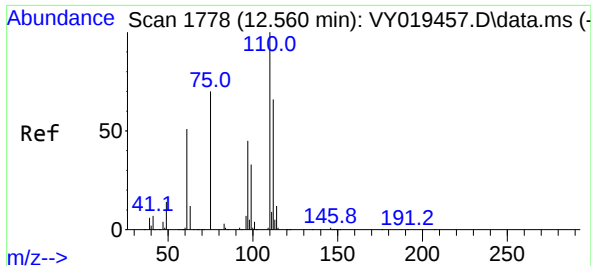
Tgt Ion:117 Resp: 566913
Ion Ratio Lower Upper
117 100
82 57.5 42.4 63.6
119 32.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

Tgt Ion:152 Resp: 211948
Ion Ratio Lower Upper
152 100
115 61.5 28.2 84.7
150 155.5 0.0 345.6

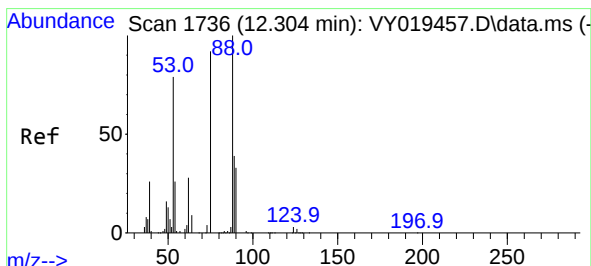
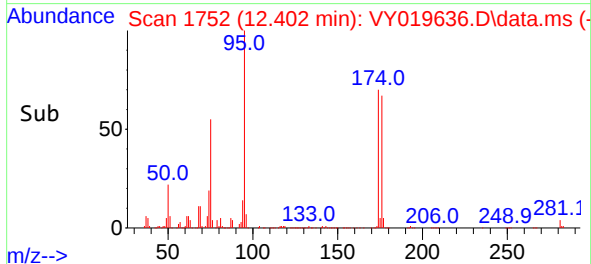
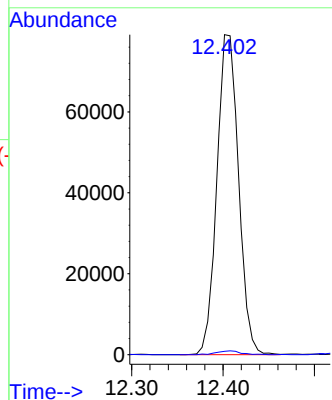
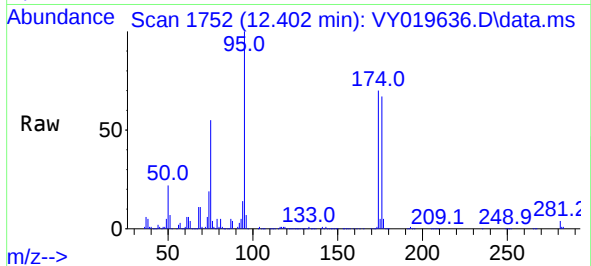




#76
1,2,3-Trichloropropane
Concen: 65.596 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 130311
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.925 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

Tgt Ion: 75 Resp: 130311
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

