

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019602.D
 Acq On : 18 Sep 2024 13:47
 Operator : SY/MD
 Sample : P4090-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 01:24:51 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)

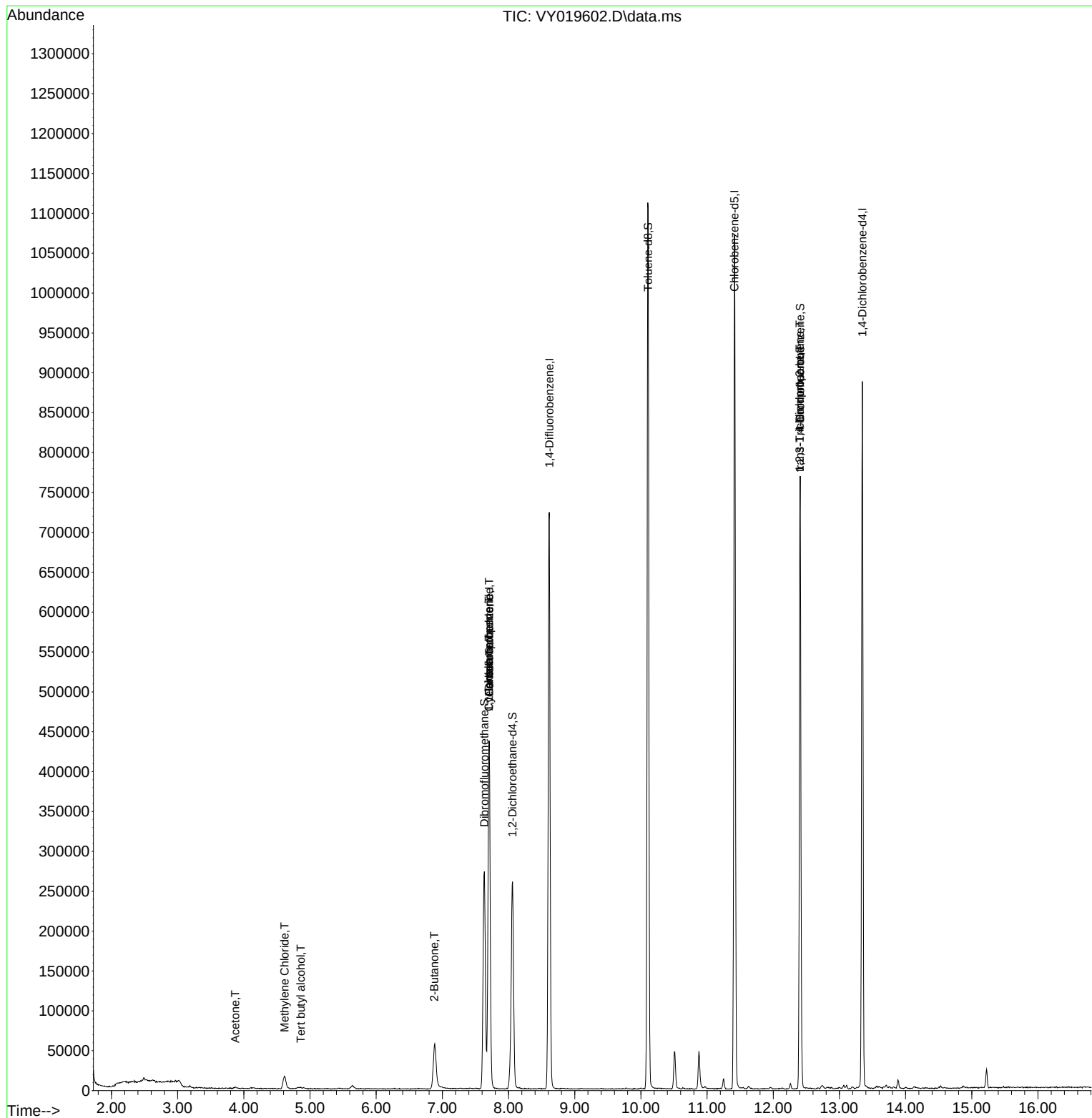
Internal Standards						
1) Pentafluorobenzene	7.707	168	323877	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	617111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	547978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	208314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	191300	63.787	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.580%	
35) Dibromofluoromethane	7.634	113	197383	56.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.820%	
50) Toluene-d8	10.109	98	733643	56.689	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.380%	
62) 4-Bromofluorobenzene	12.407	95	238651	47.959	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	136	Below Cal	#	43
11) Tert butyl alcohol	4.860	59	1478	6.103	ug/l #	90
13) Acrolein	3.653	56	96	Below Cal	#	67
16) Acetone	3.872	43	2748	3.846	ug/l	96
20) Methylene Chloride	4.616	84	11511	3.533	ug/l #	84
25) 2-Butanone	6.878	43	3782	3.722	ug/l #	61
31) Cyclohexane	7.701	56	7970	1.485	ug/l #	1
36) 1,1-Dichloropropene	7.701	75	28270	5.938	ug/l #	48
38) Carbon Tetrachloride	7.707	117	35192	6.555	ug/l #	15
76) 1,2,3-Trichloropropane	12.401	75	129061	66.100	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	129061	126.893	ug/l #	16

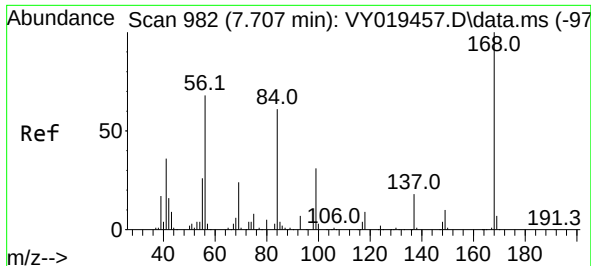
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
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Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 19 01:24:51 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

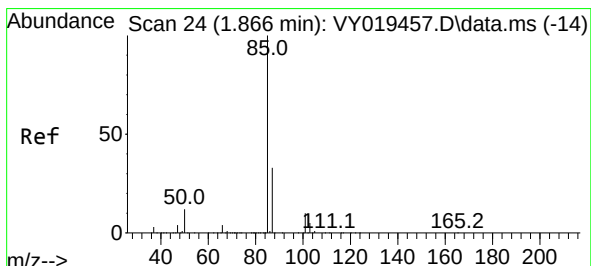
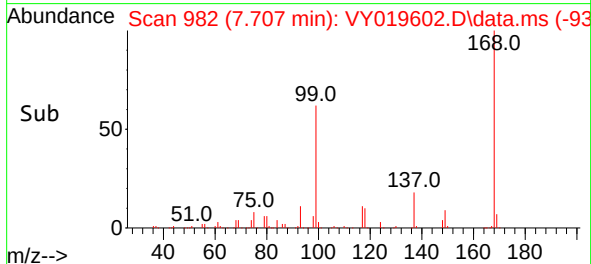
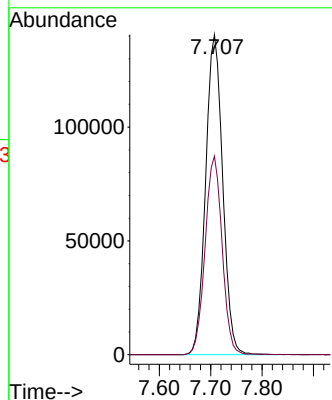
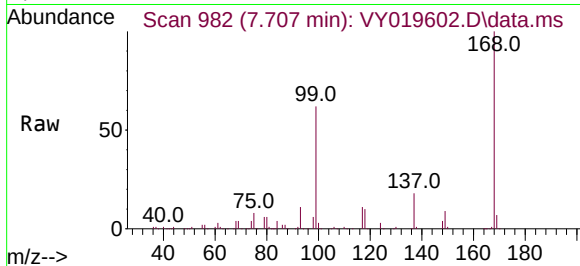




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019602.D
Acq: 18 Sep 2024 13:47

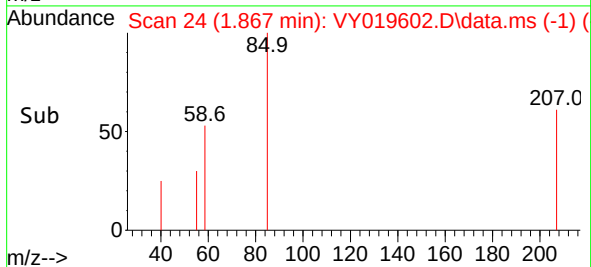
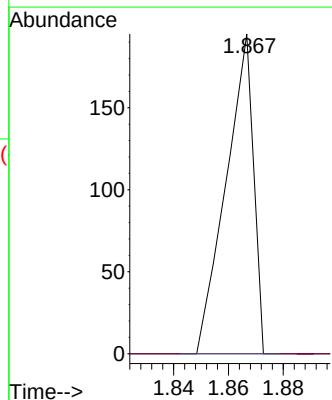
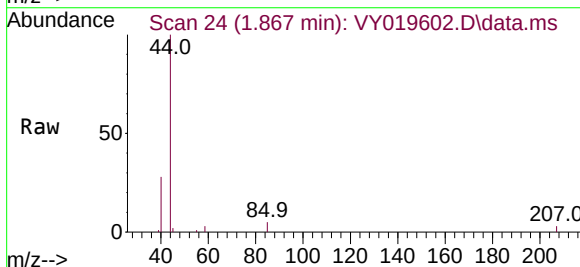
Instrument :
MSVOA_Y
ClientSampleId :

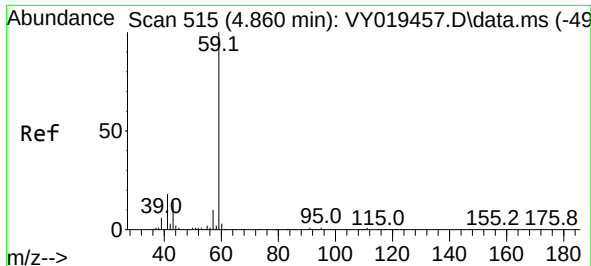
Tgt Ion:168 Resp: 323877
Ion Ratio Lower Upper
168 100
99 62.0 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019602.D
Acq: 18 Sep 2024 13:47

Tgt Ion: 85 Resp: 136
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

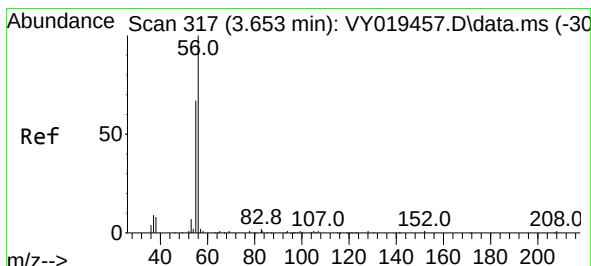
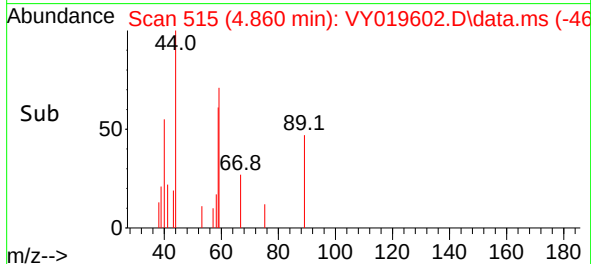
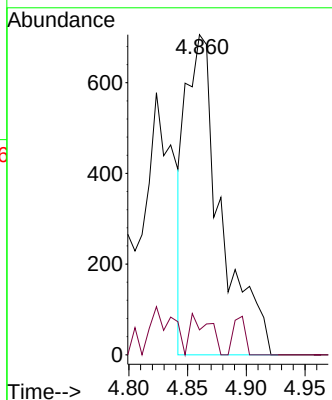
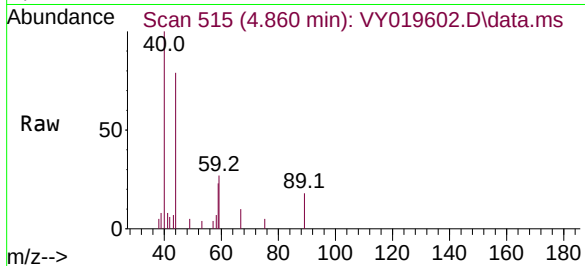




#11
Tert butyl alcohol
Concen: 6.103 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019602.D
Acq: 18 Sep 2024 13:47

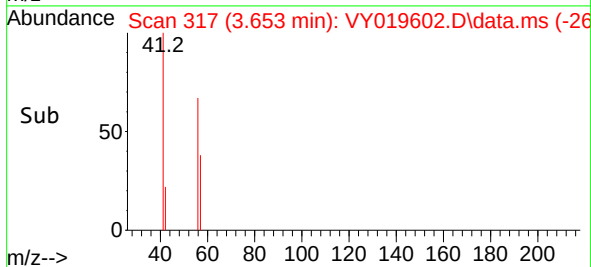
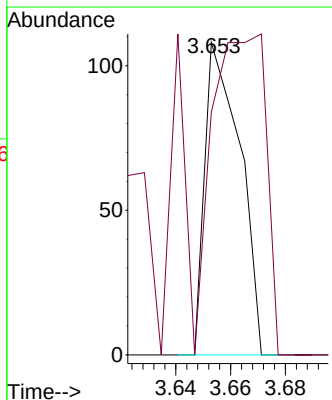
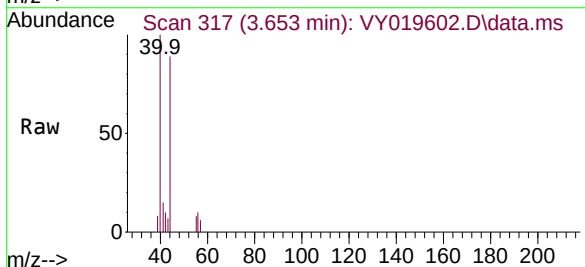
Instrument :
MSVOA_Y
ClientSampleId :

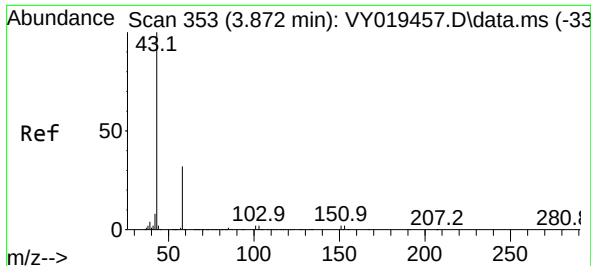
Tgt Ion: 59 Resp: 1478
Ion Ratio Lower Upper
59 100
57 7.0 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY019602.D
Acq: 18 Sep 2024 13:47

Tgt Ion: 56 Resp: 96
Ion Ratio Lower Upper
56 100
55 42.7 55.7 83.5#

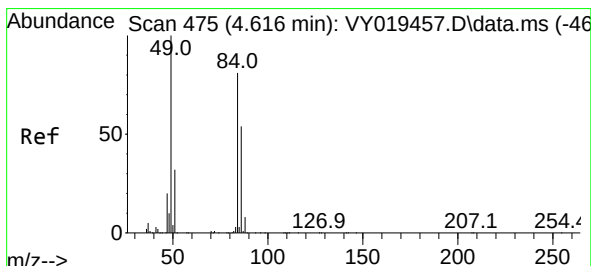
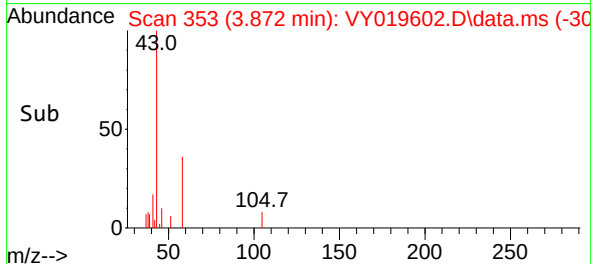
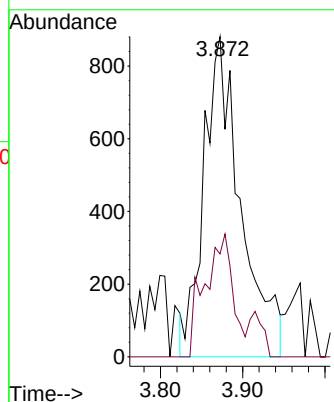
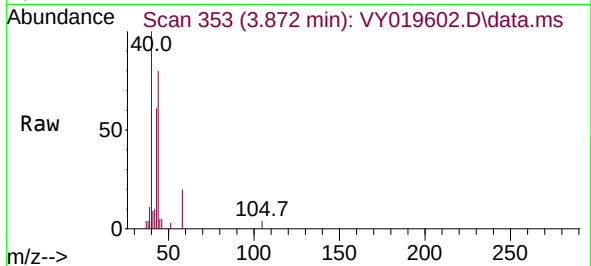




#16
Acetone
Concen: 3.846 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019602.D
Acq: 18 Sep 2024 13:47

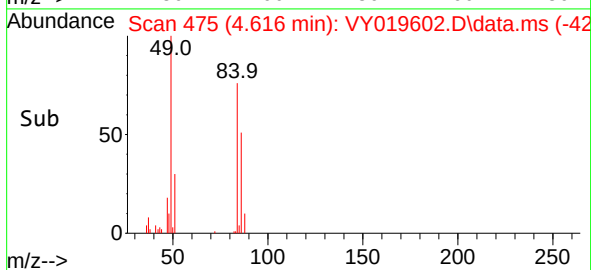
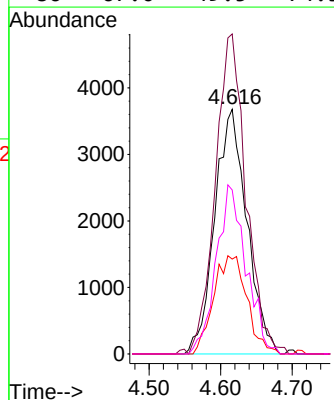
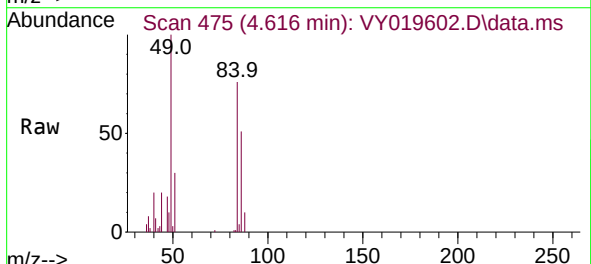
Instrument :
MSVOA_Y
ClientSampleId :

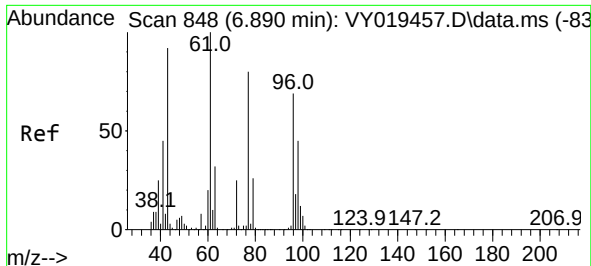
Tgt Ion: 43 Resp: 2748
Ion Ratio Lower Upper
43 100
58 36.9 31.7 47.5



#20
Methylene Chloride
Concen: 3.533 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019602.D
Acq: 18 Sep 2024 13:47

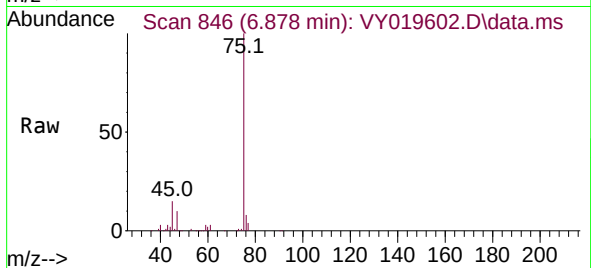
Tgt Ion: 84 Resp: 11511
Ion Ratio Lower Upper
84 100
49 129.2 84.4 126.6#
51 38.8 26.0 39.0
86 67.0 49.5 74.3



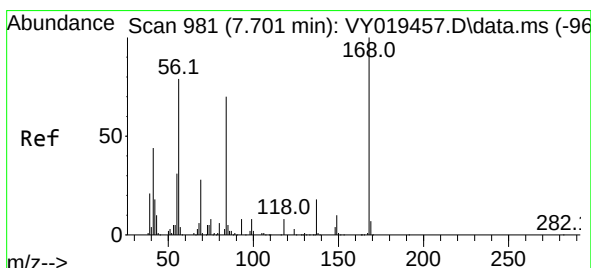
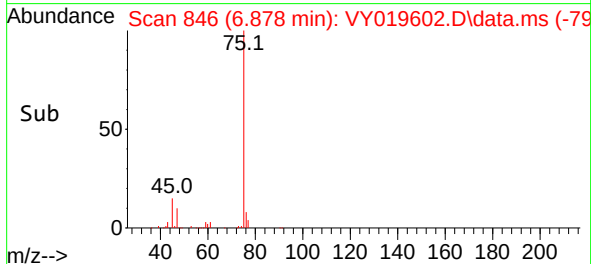
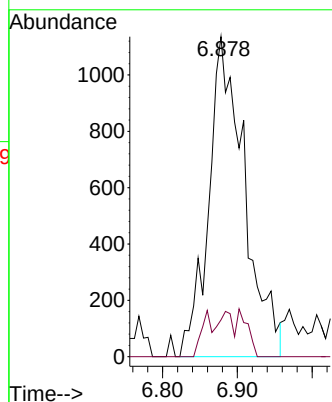


#25
2-Butanone
Concen: 3.722 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY019602.D
Acq: 18 Sep 2024 13:47

Instrument :
MSVOA_Y
ClientSampleId :

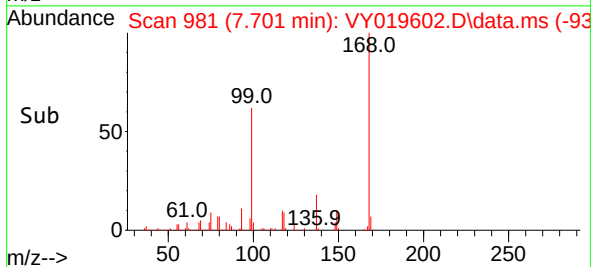
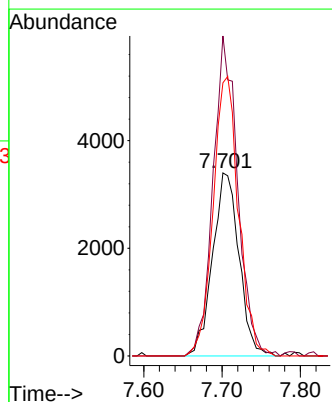
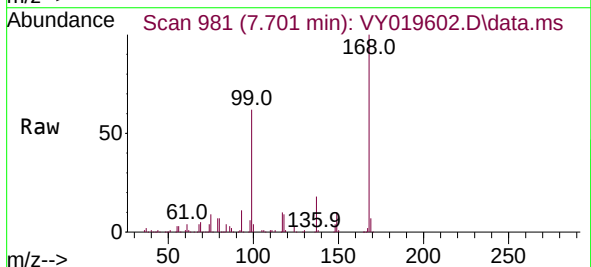


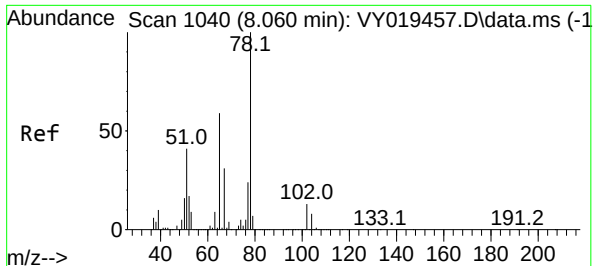
Tgt Ion: 43 Resp: 3782
Ion Ratio Lower Upper
43 100
72 11.5 27.3 40.9#



#31
Cyclohexane
Concen: 1.485 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019602.D
Acq: 18 Sep 2024 13:47

Tgt Ion: 56 Resp: 7970
Ion Ratio Lower Upper
56 100
69 174.8 28.7 43.1#
84 149.2 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 63.787 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019602.D

Acq: 18 Sep 2024 13:47

Instrument :

MSVOA_Y

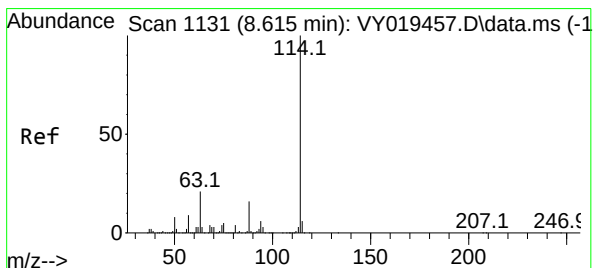
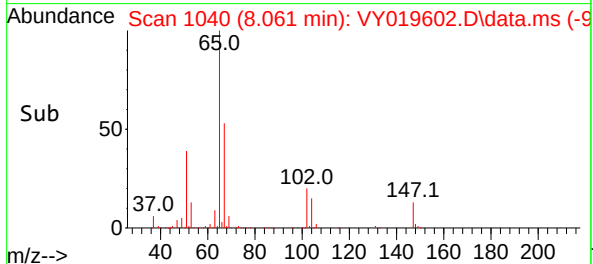
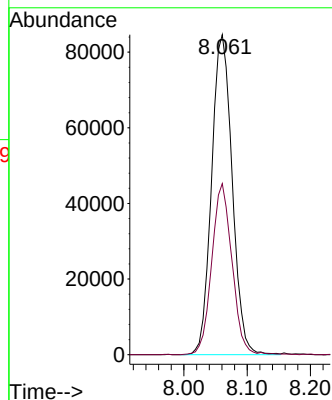
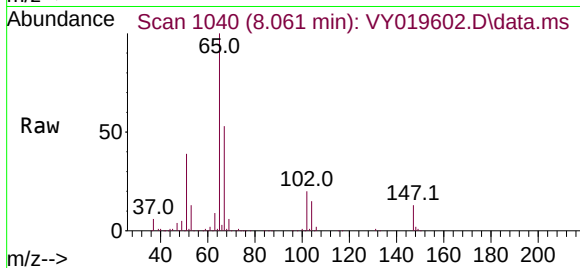
ClientSampleId :

Tgt Ion: 65 Resp: 191300

Ion Ratio Lower Upper

65 100

67 52.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019602.D

Acq: 18 Sep 2024 13:47

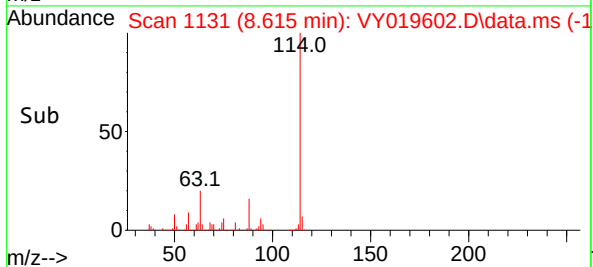
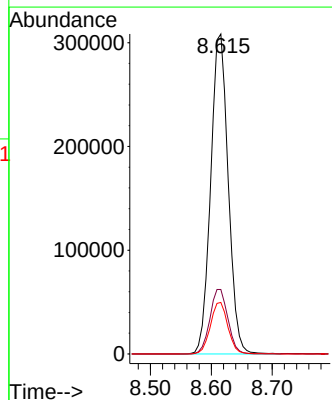
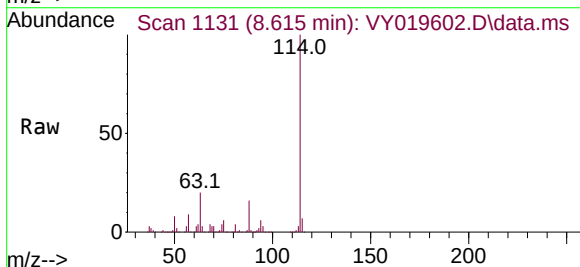
Tgt Ion: 114 Resp: 617111

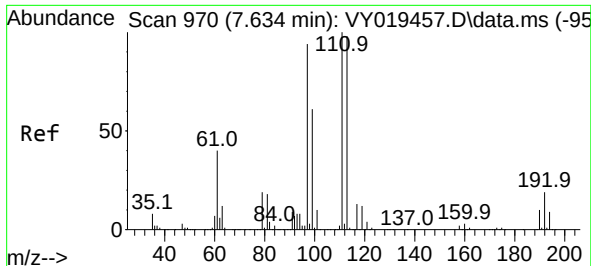
Ion Ratio Lower Upper

114 100

63 20.2 0.0 35.0

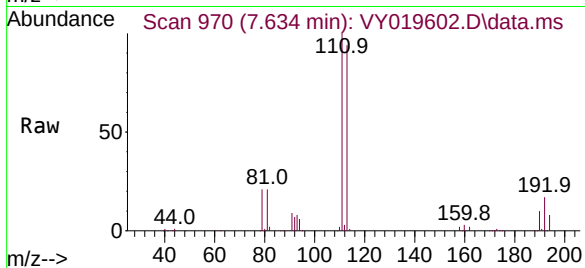
88 16.1 0.0 27.2



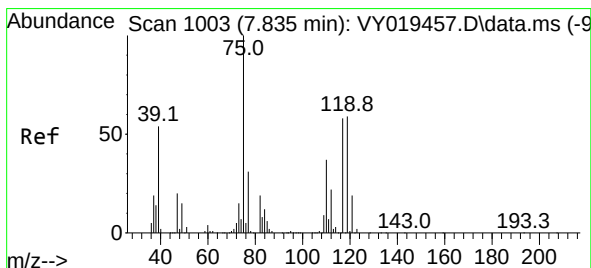
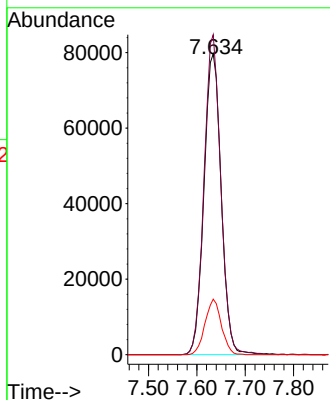
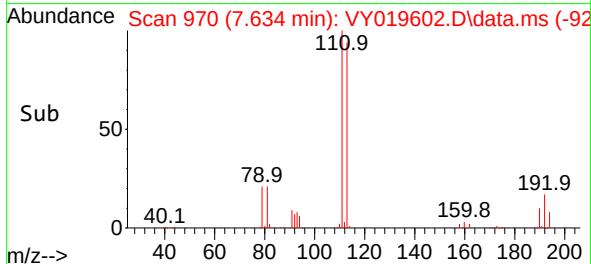


#35
Dibromofluoromethane
Concen: 56.413 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019602.D
Acq: 18 Sep 2024 13:47

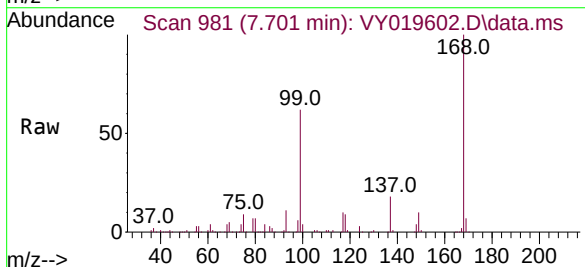
Instrument :
MSVOA_Y
ClientSampleId :



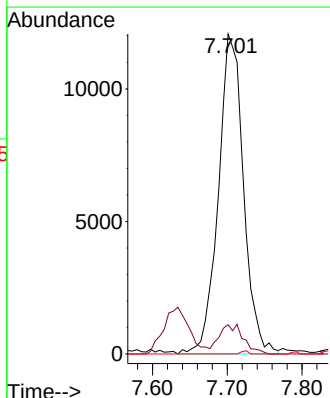
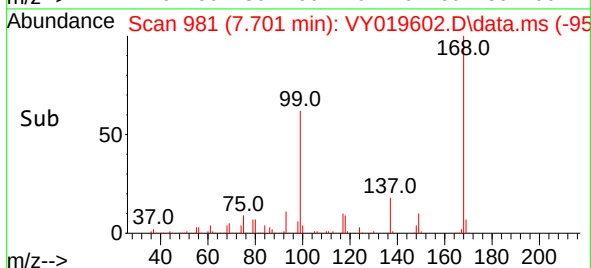
Tgt Ion:113 Resp: 197383
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 17.5 15.9 23.9

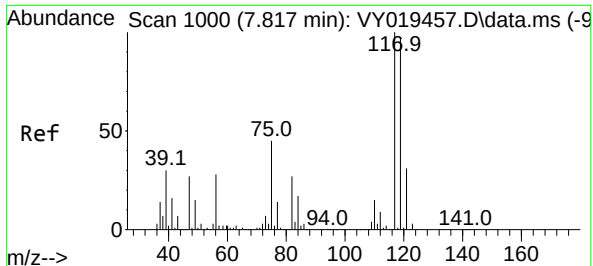


#36
1,1-Dichloropropene
Concen: 5.938 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019602.D
Acq: 18 Sep 2024 13:47



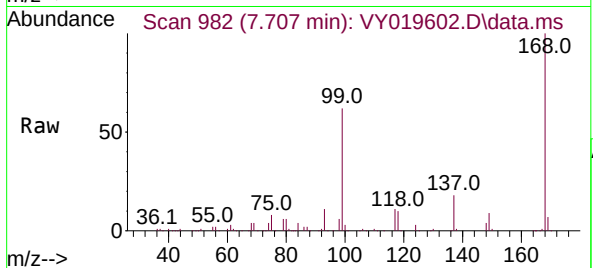
Tgt Ion: 75 Resp: 28270
Ion Ratio Lower Upper
75 100
110 8.8 19.0 57.0#
77 0.0 25.3 37.9#



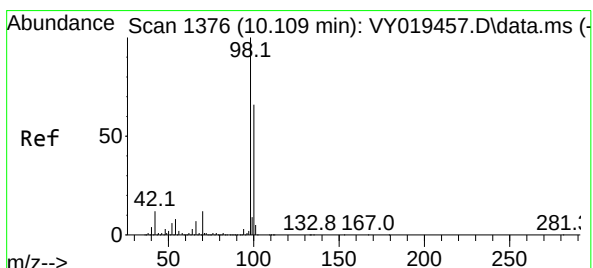
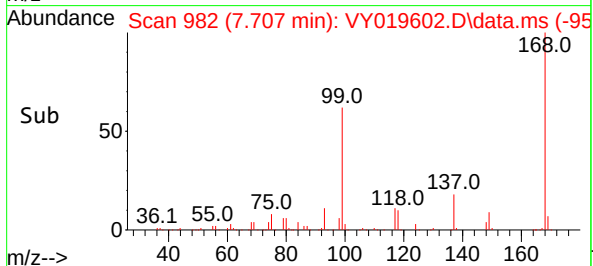
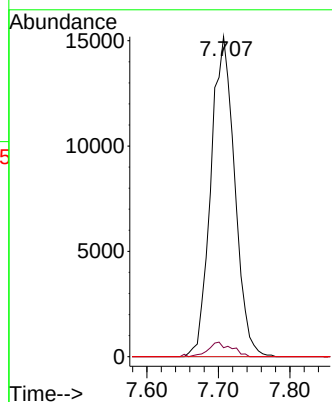


#38
Carbon Tetrachloride
Concen: 6.555 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019602.D
Acq: 18 Sep 2024 13:47

Instrument :
MSVOA_Y
ClientSampleId :

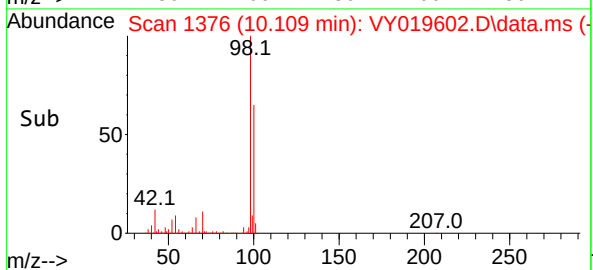
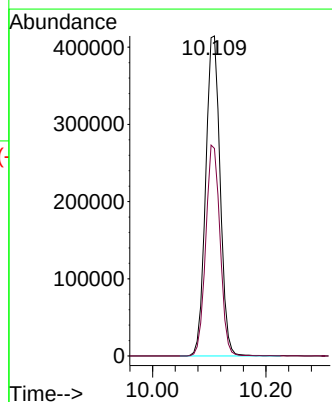
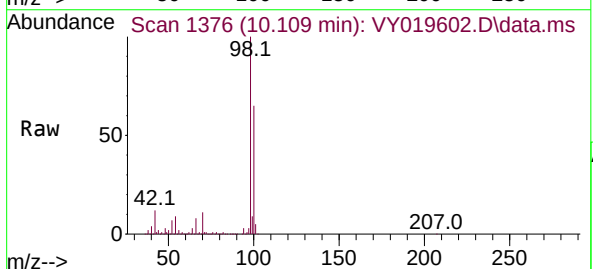


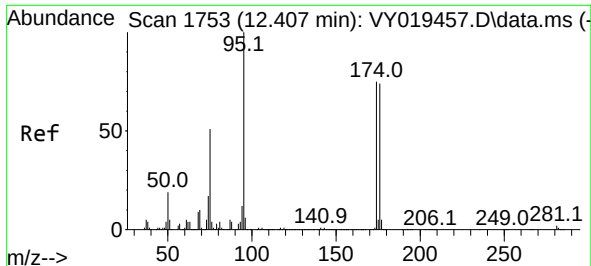
Tgt Ion:117 Resp: 35192
Ion Ratio Lower Upper
117 100
119 2.8 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 56.689 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019602.D
Acq: 18 Sep 2024 13:47

Tgt Ion: 98 Resp: 733643
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

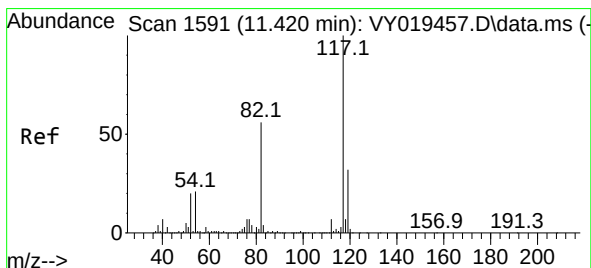
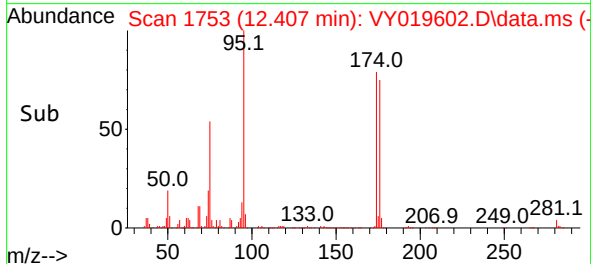
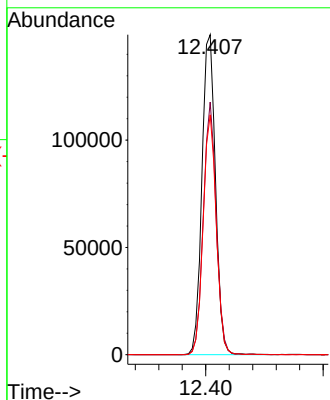
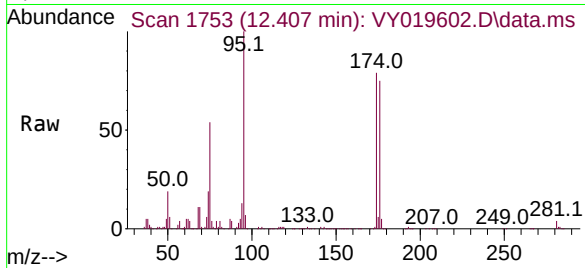




#62
4-Bromofluorobenzene
Concen: 47.959 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019602.D
Acq: 18 Sep 2024 13:47

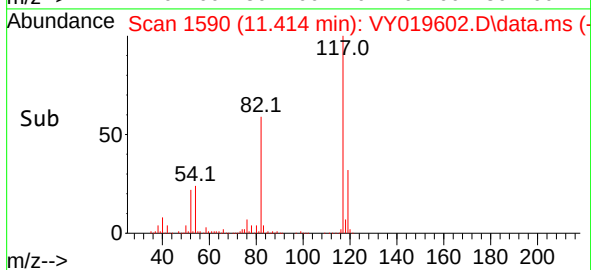
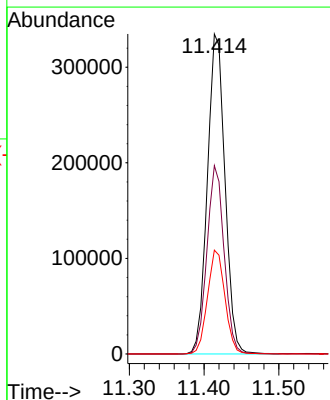
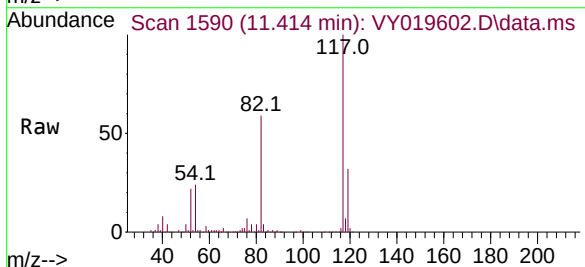
Instrument :
MSVOA_Y
ClientSampleId :

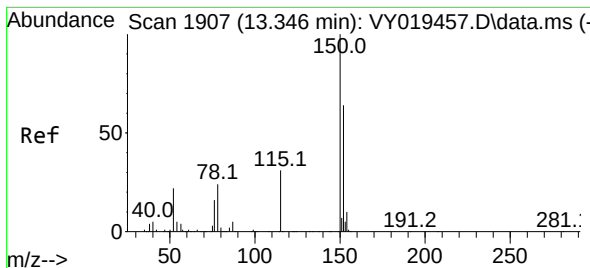
Tgt Ion: 95 Resp: 238651
Ion Ratio Lower Upper
95 100
174 75.0 0.0 175.6
176 72.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019602.D
Acq: 18 Sep 2024 13:47

Tgt Ion: 117 Resp: 547978
Ion Ratio Lower Upper
117 100
82 58.8 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: VY019602.D

Acq: 18 Sep 2024 13:47

Instrument :

MSVOA_Y

ClientSampleId :

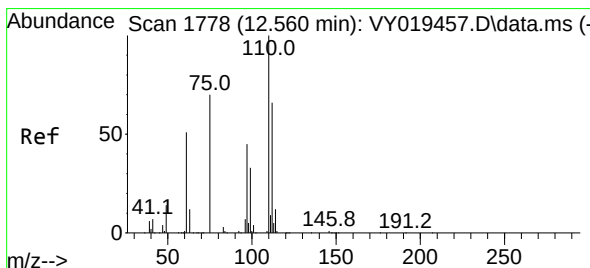
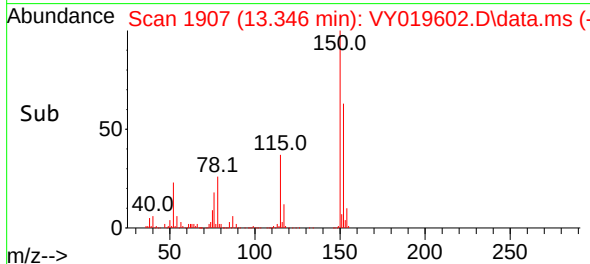
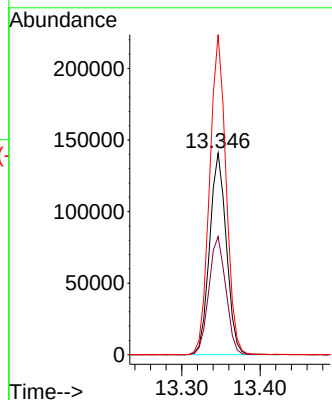
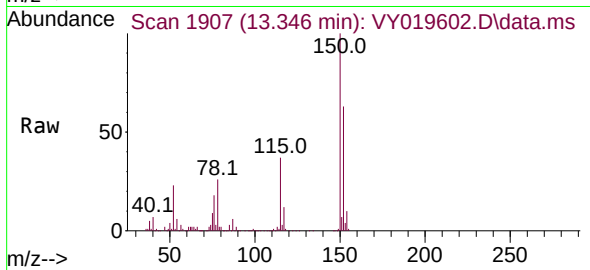
Tgt Ion:152 Resp: 208314

Ion Ratio Lower Upper

152 100

115 59.6 28.2 84.7

150 155.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 66.100 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019602.D

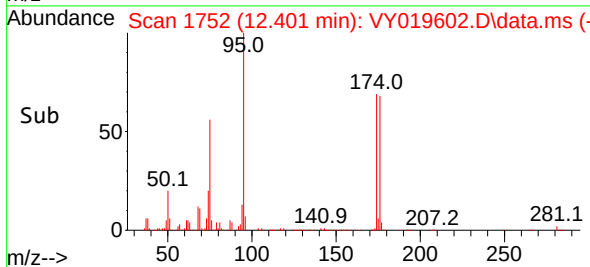
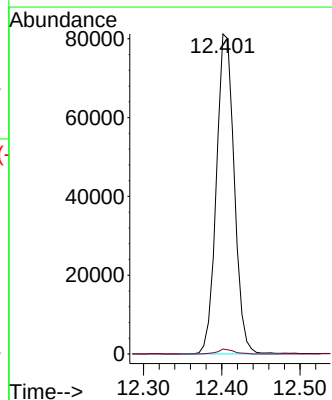
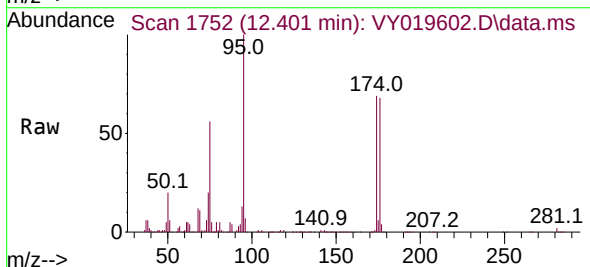
Acq: 18 Sep 2024 13:47

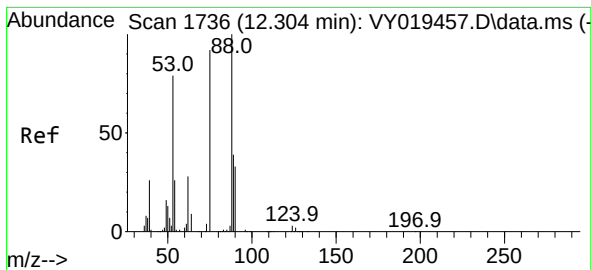
Tgt Ion: 75 Resp: 129061

Ion Ratio Lower Upper

75 100

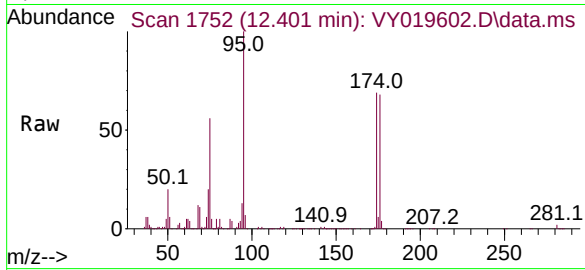
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.893 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019602.D
 Acq: 18 Sep 2024 13:47

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 129061
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

