

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019639.D
 Acq On : 20 Sep 2024 12:39
 Operator : SY/MD
 Sample : P4085-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 20 15:23:14 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)

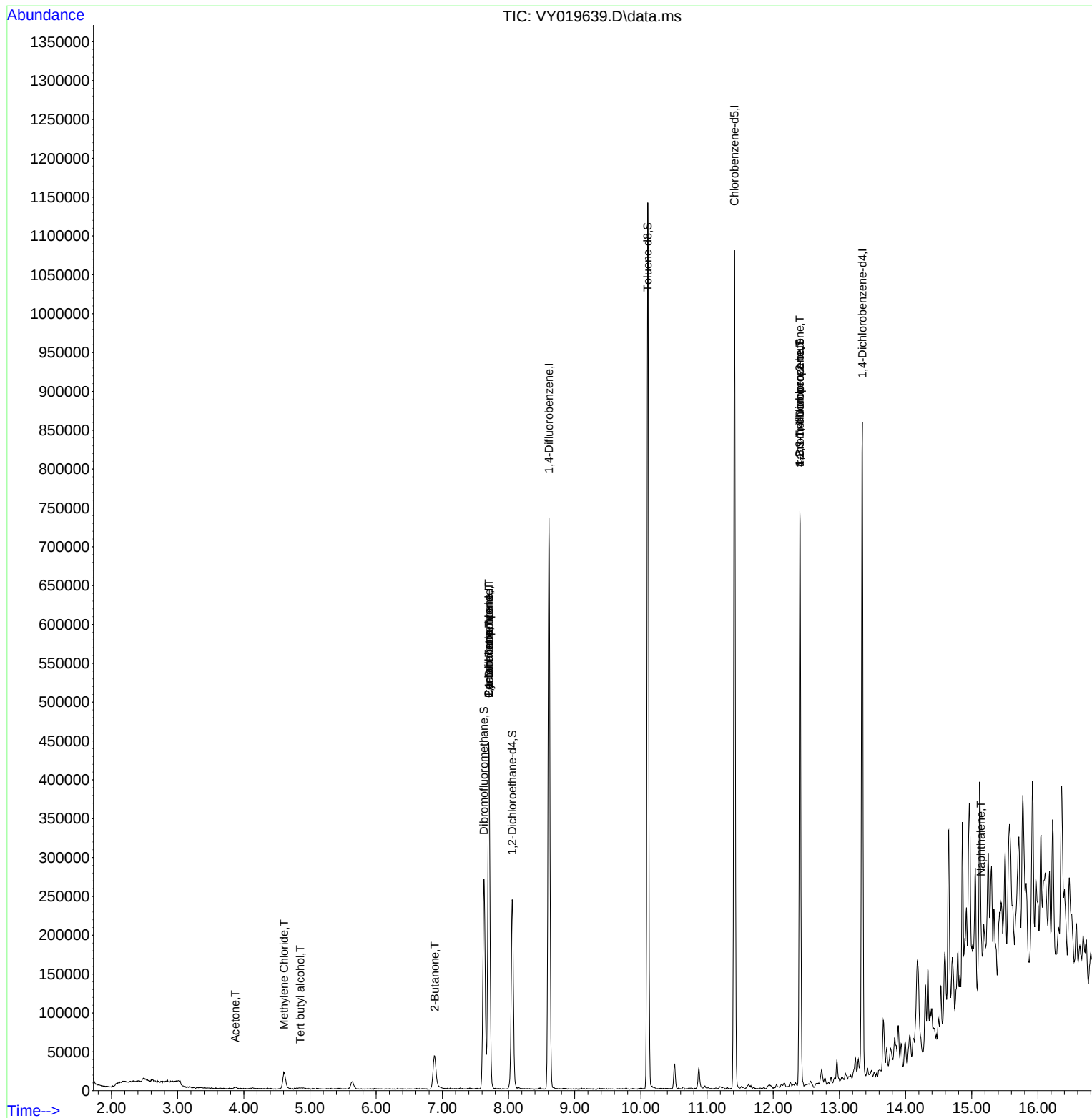
Internal Standards						
1) Pentafluorobenzene	7.701	168	328685	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	611463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	537933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	203980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	193754	63.661	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.320%	
35) Dibromofluoromethane	7.628	113	194902	56.218	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.440%	
50) Toluene-d8	10.103	98	726243	56.635	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.280%	
62) 4-Bromofluorobenzene	12.402	95	233390	47.335	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 94.660%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	160	Below Cal	#	43
11) Tert butyl alcohol	4.854	59	1779	7.238	ug/l #	97
13) Acrolein	3.653	56	146	Below Cal	#	15
16) Acetone	3.873	43	4134	5.701	ug/l	98
20) Methylene Chloride	4.610	84	14933	4.516	ug/l	96
25) 2-Butanone	6.884	43	3159	3.063	ug/l #	77
31) Cyclohexane	7.701	56	7706	1.415	ug/l #	18
36) 1,1-Dichloropropene	7.701	75	29207	6.191	ug/l #	48
38) Carbon Tetrachloride	7.701	117	34964	6.572	ug/l #	15
76) 1,2,3-Trichloropropane	12.402	75	126011	65.909	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	126011	126.527	ug/l #	16
95) Naphthalene	15.139	128	10613	1.531	ug/l #	69

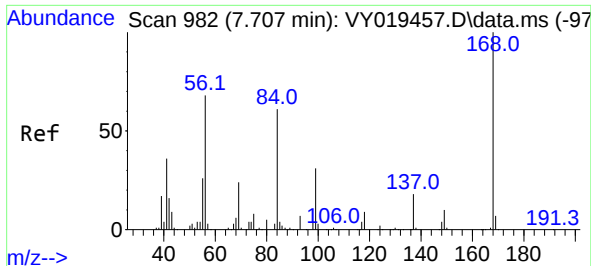
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

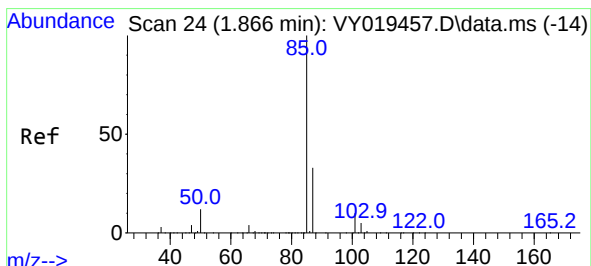
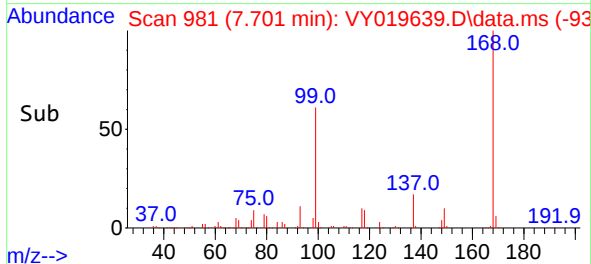
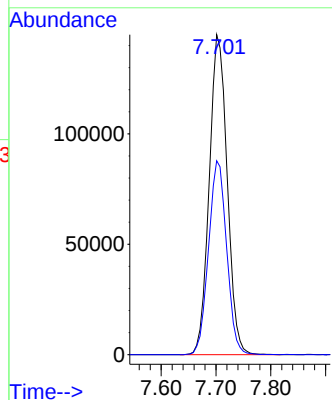
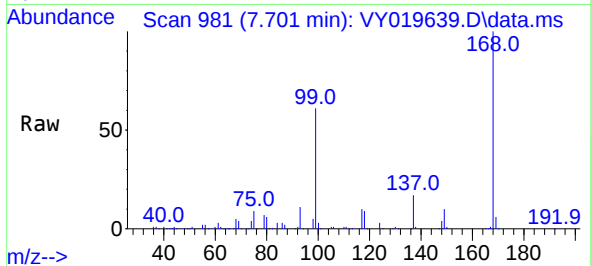




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019639.D
Acq: 20 Sep 2024 12:39

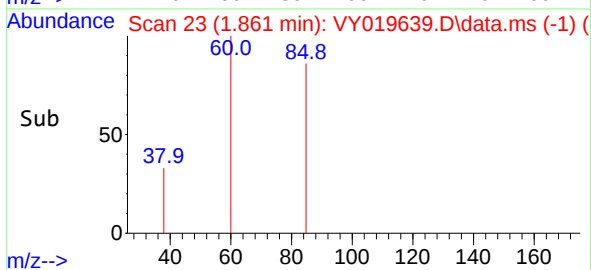
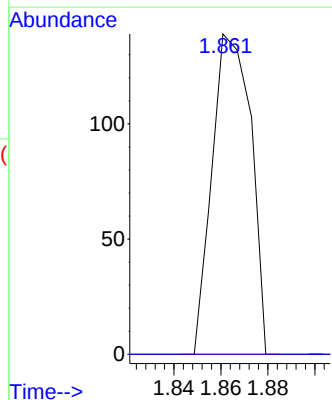
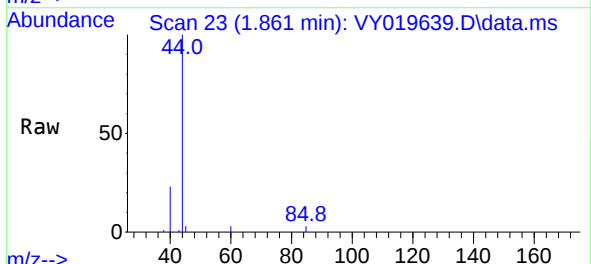
Instrument :
MSVOA_Y
ClientSampleId :

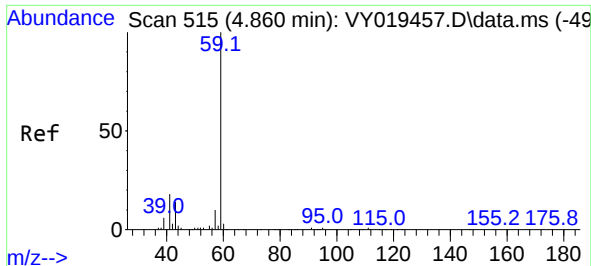
Tgt Ion:168 Resp: 328685
Ion Ratio Lower Upper
168 100
99 60.6 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019639.D
Acq: 20 Sep 2024 12:39

Tgt Ion: 85 Resp: 160
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

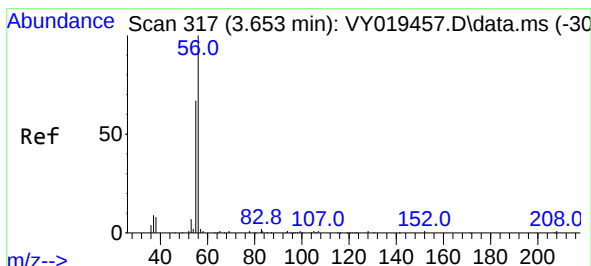
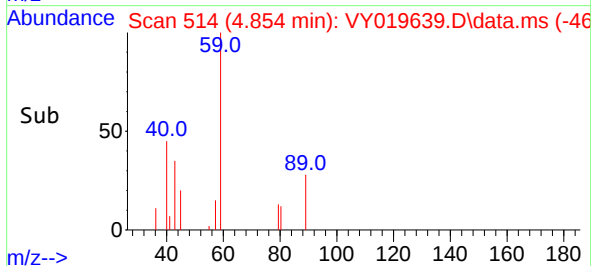
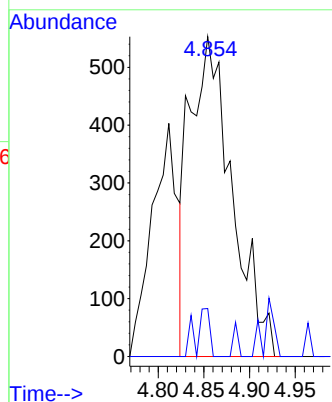
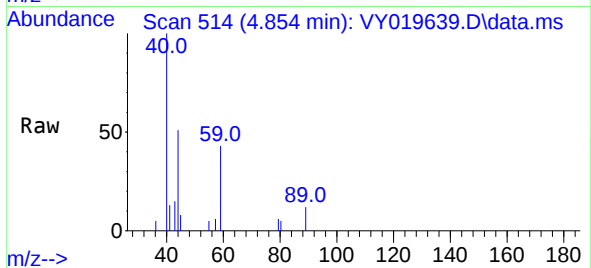




#11
Tert butyl alcohol
Concen: 7.238 ug/l
RT: 4.854 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019639.D
Acq: 20 Sep 2024 12:39

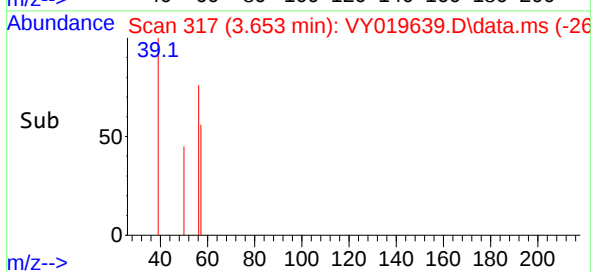
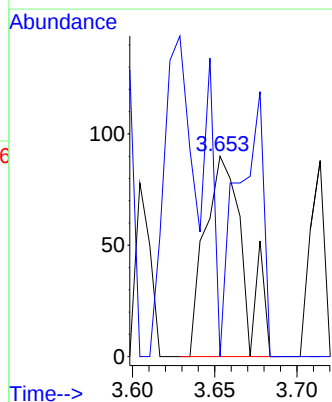
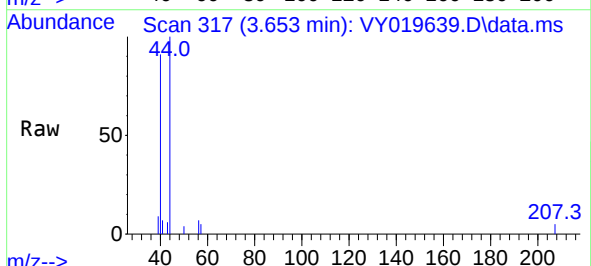
Instrument :
MSVOA_Y
ClientSampleId :

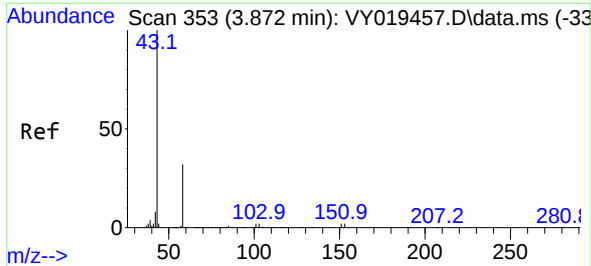
Tgt Ion: 59 Resp: 1779
Ion Ratio Lower Upper
59 100
57 4.8 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019639.D
Acq: 20 Sep 2024 12:39

Tgt Ion: 56 Resp: 146
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#





#16

Acetone

Concen: 5.701 ug/l

RT: 3.873 min Scan# 3

Delta R.T. 0.000 min

Lab File: VY019639.D

Acq: 20 Sep 2024 12:39

Instrument :

MSVOA_Y

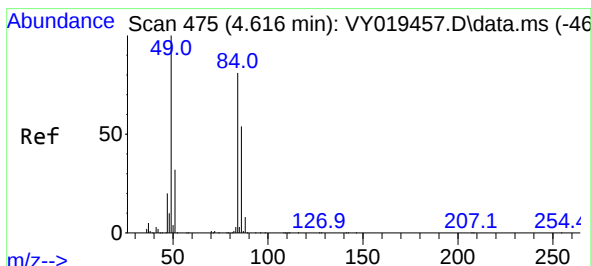
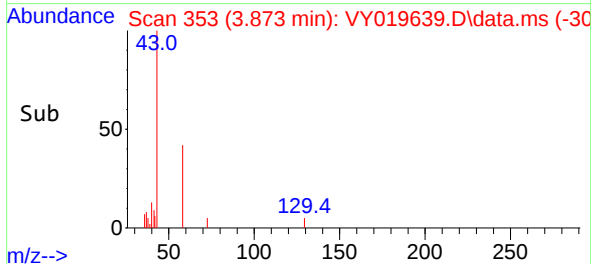
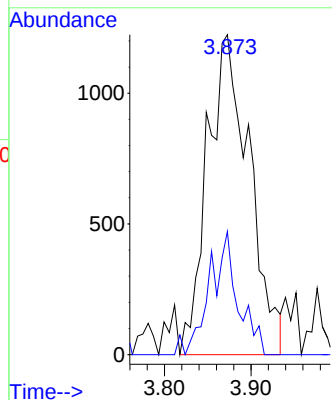
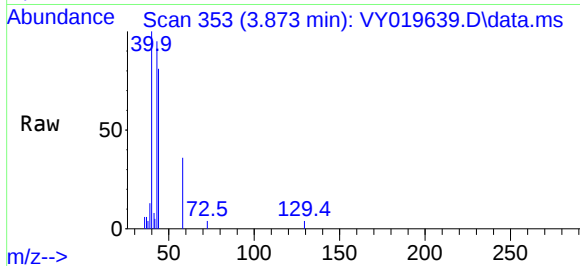
ClientSampleId :

Tgt Ion: 43 Resp: 4134

Ion Ratio Lower Upper

43 100

58 38.5 31.7 47.5



#20

Methylene Chloride

Concen: 4.516 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY019639.D

Acq: 20 Sep 2024 12:39

Tgt Ion: 84 Resp: 14933

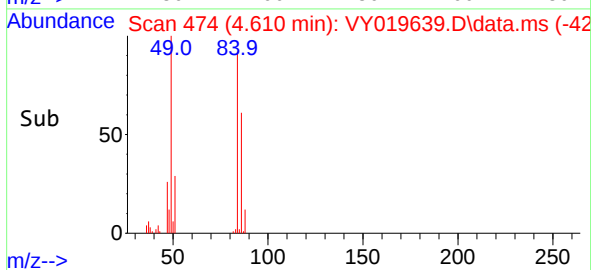
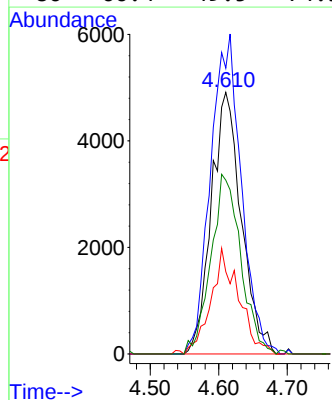
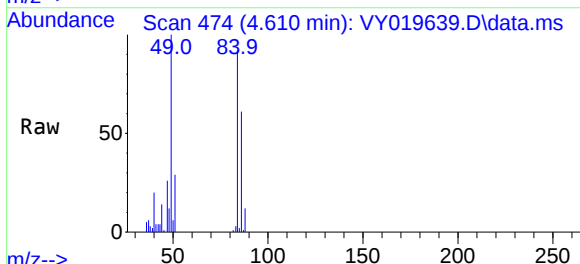
Ion Ratio Lower Upper

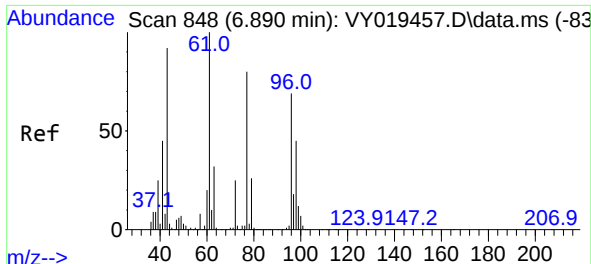
84 100

49 109.2 84.4 126.6

51 31.5 26.0 39.0

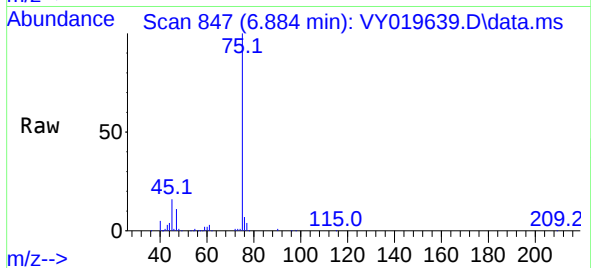
86 66.4 49.5 74.3



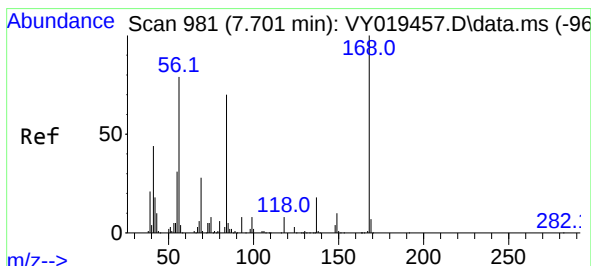
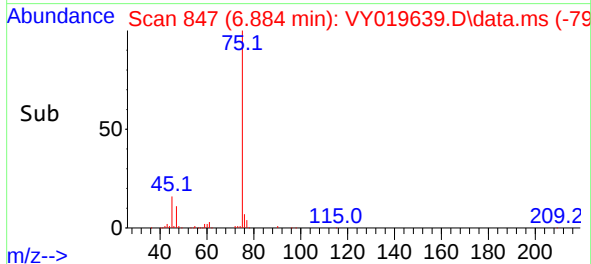
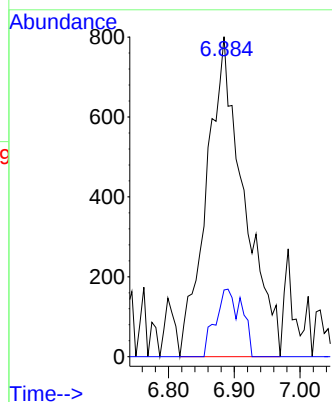


#25
2-Butanone
Concen: 3.063 ug/l
RT: 6.884 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY019639.D
Acq: 20 Sep 2024 12:39

Instrument :
MSVOA_Y
ClientSampleId :

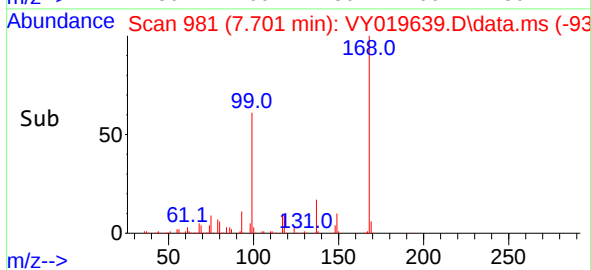
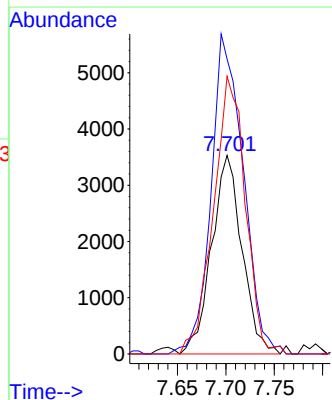
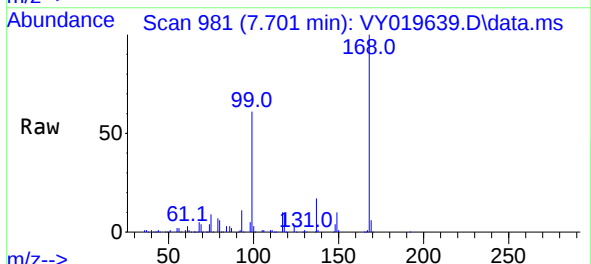


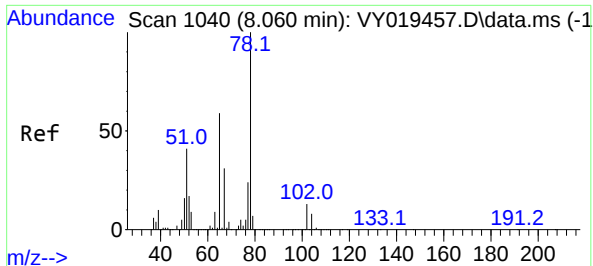
Tgt Ion: 43 Resp: 3159
Ion Ratio Lower Upper
43 100
72 20.8 27.3 40.9#



#31
Cyclohexane
Concen: 1.415 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019639.D
Acq: 20 Sep 2024 12:39

Tgt Ion: 56 Resp: 7706
Ion Ratio Lower Upper
56 100
69 145.1 28.7 43.1#
84 139.8 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 63.661 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY019639.D

Acq: 20 Sep 2024 12:39

Instrument :

MSVOA_Y

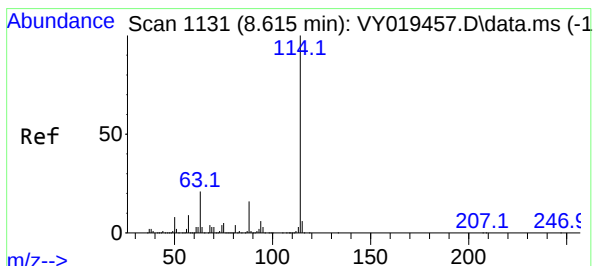
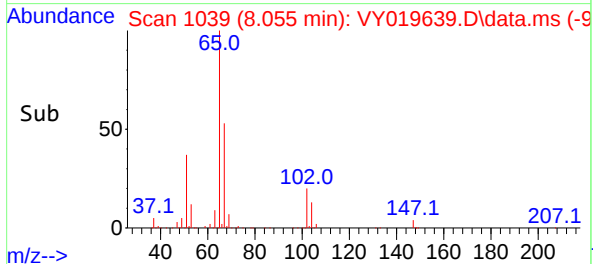
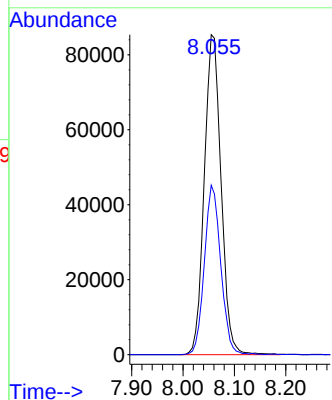
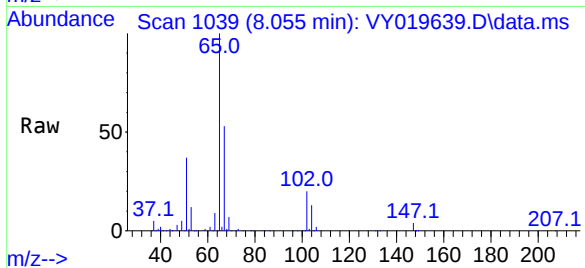
ClientSampleId :

Tgt Ion: 65 Resp: 193754

Ion Ratio Lower Upper

65 100

67 51.6 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: VY019639.D

Acq: 20 Sep 2024 12:39

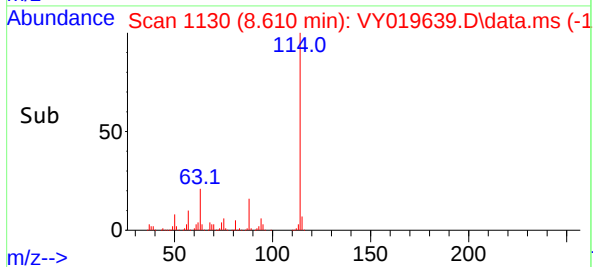
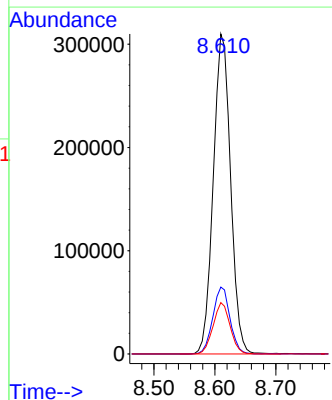
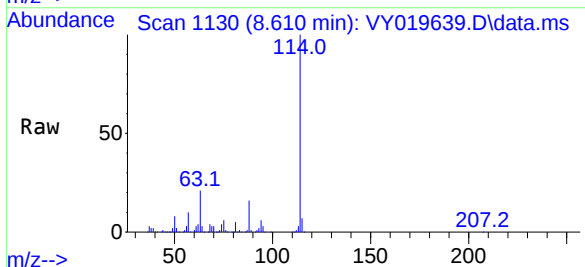
Tgt Ion: 114 Resp: 611463

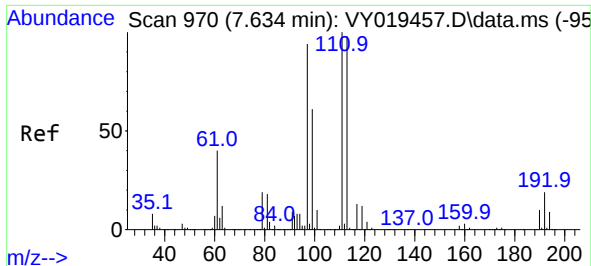
Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.0

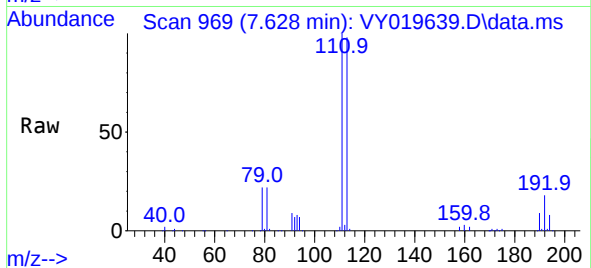
88 16.0 0.0 27.2



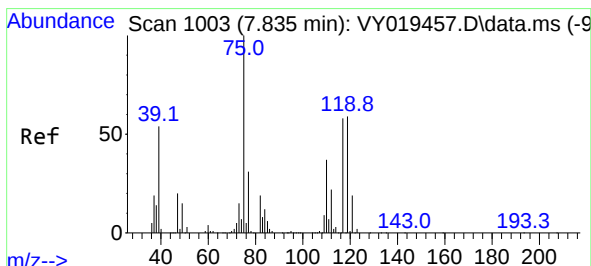
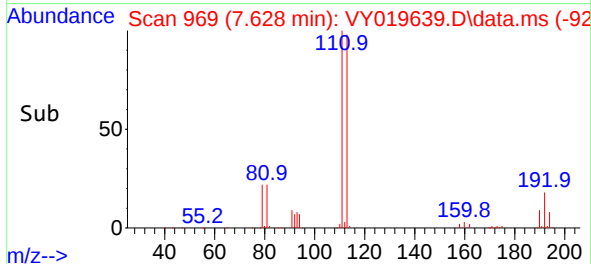
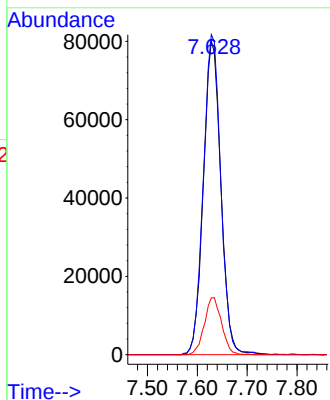


#35
Dibromofluoromethane
Concen: 56.218 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY019639.D
Acq: 20 Sep 2024 12:39

Instrument :
MSVOA_Y
ClientSampleId :

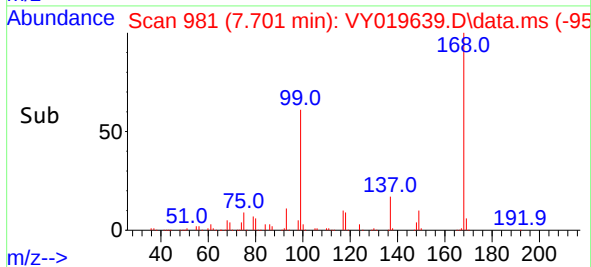
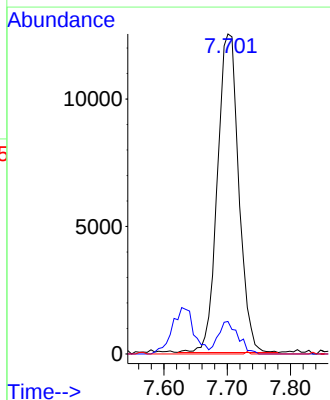
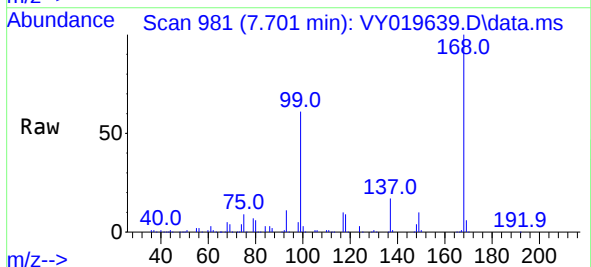


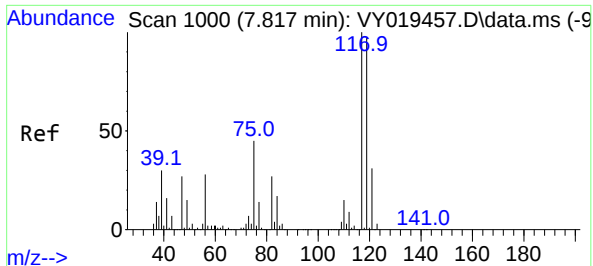
Tgt Ion:113 Resp: 194902
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 17.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.191 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019639.D
Acq: 20 Sep 2024 12:39

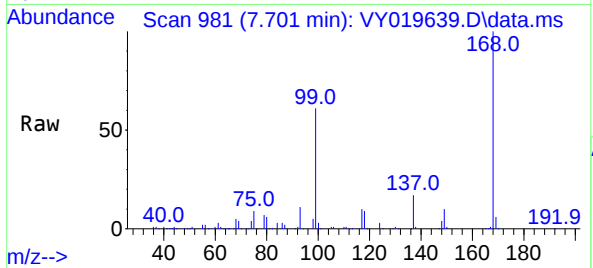
Tgt Ion: 75 Resp: 29207
Ion Ratio Lower Upper
75 100
110 9.5 19.0 57.0#
77 0.0 25.3 37.9#



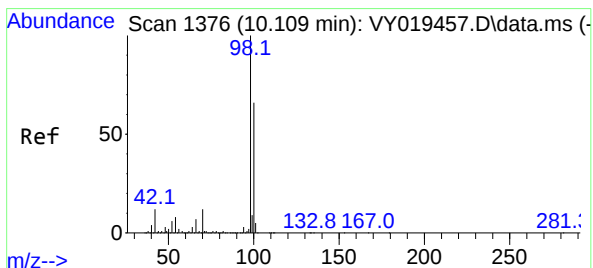
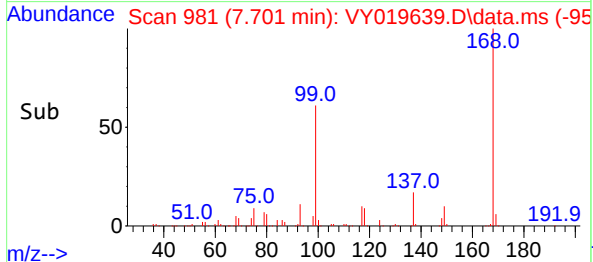
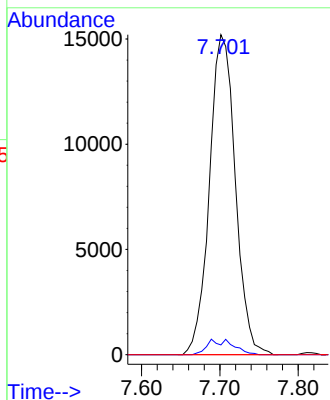


#38
Carbon Tetrachloride
Concen: 6.572 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY019639.D
Acq: 20 Sep 2024 12:39

Instrument :
MSVOA_Y
ClientSampleId :

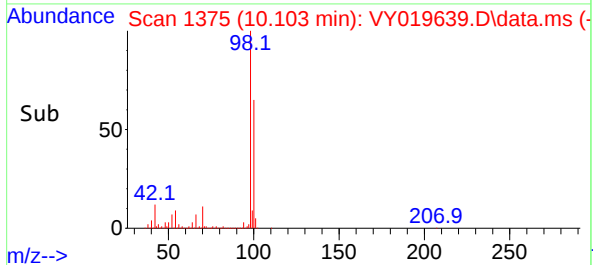
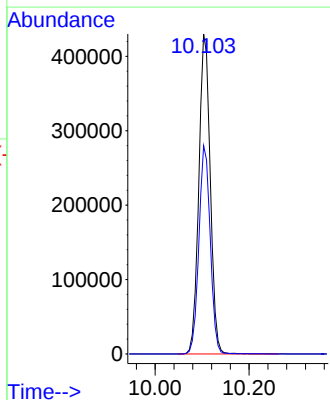
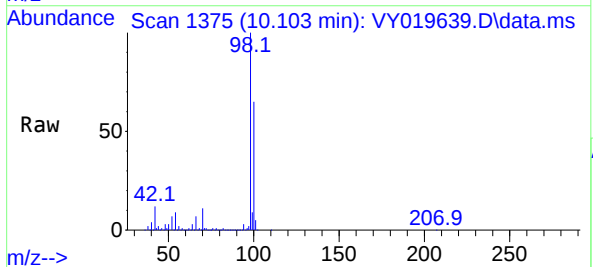


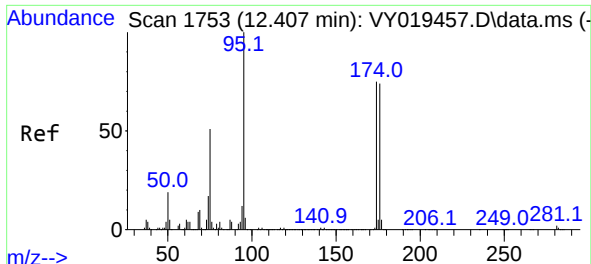
Tgt Ion:117 Resp: 34964
Ion Ratio Lower Upper
117 100
119 3.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 56.635 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019639.D
Acq: 20 Sep 2024 12:39

Tgt Ion: 98 Resp: 726243
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

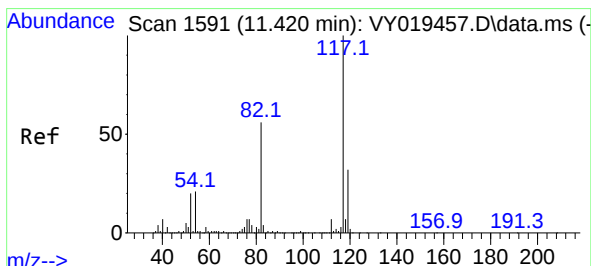
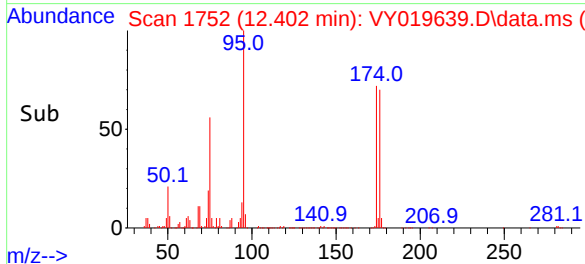
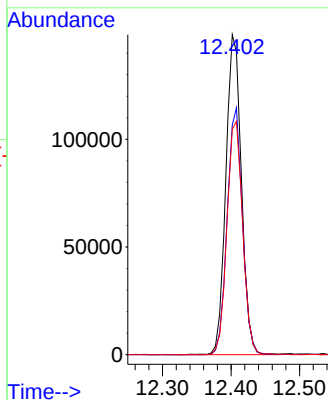
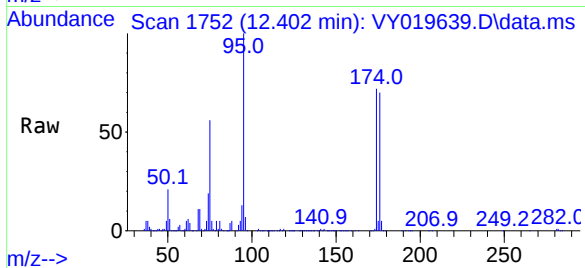




#62
4-Bromofluorobenzene
Concen: 47.335 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019639.D
Acq: 20 Sep 2024 12:39

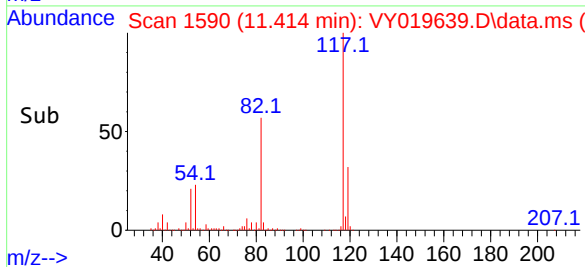
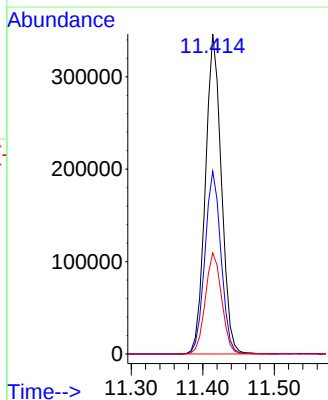
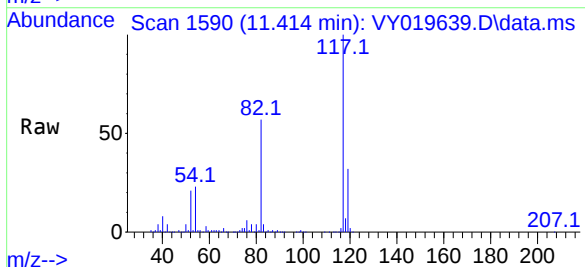
Instrument :
MSVOA_Y
ClientSampleId :

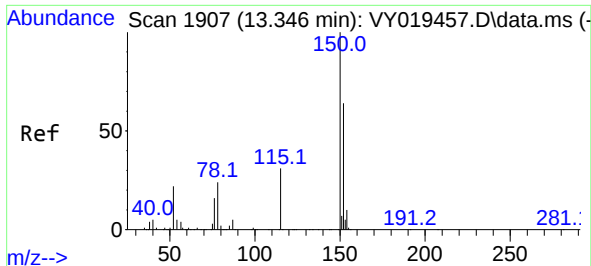
Tgt Ion: 95 Resp: 233390
Ion Ratio Lower Upper
95 100
174 75.8 0.0 175.6
176 73.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019639.D
Acq: 20 Sep 2024 12:39

Tgt Ion: 117 Resp: 537933
Ion Ratio Lower Upper
117 100
82 57.1 42.4 63.6
119 31.6 25.9 38.9

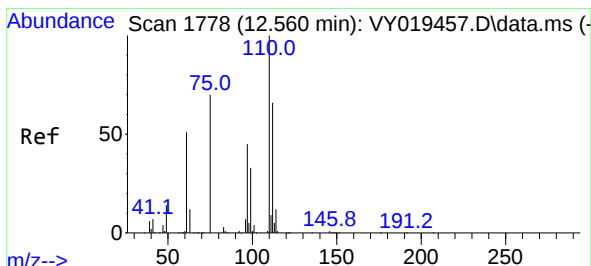
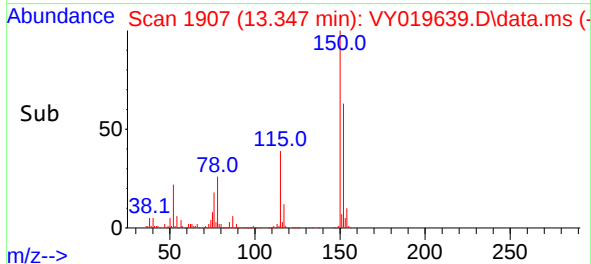
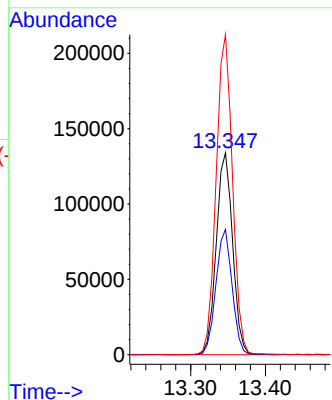
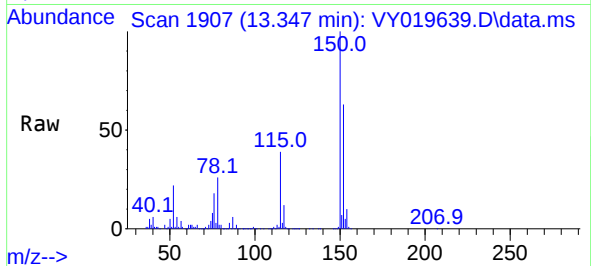




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019639.D
 Acq: 20 Sep 2024 12:39

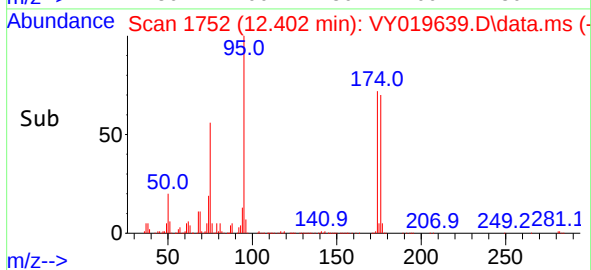
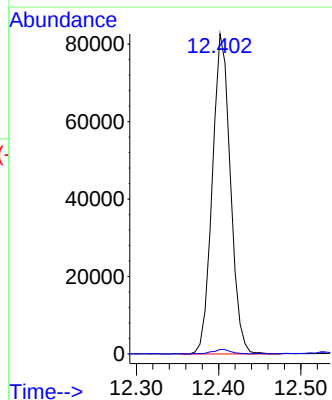
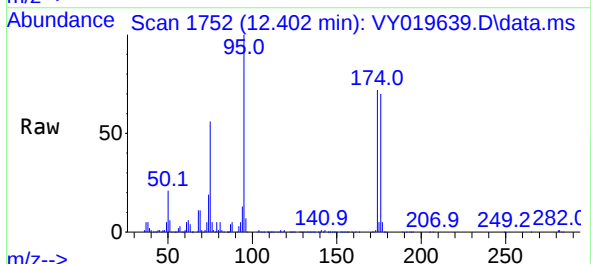
Instrument :
 MSVOA_Y
 ClientSampleId :

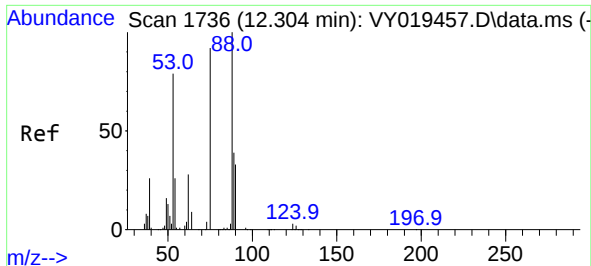
Tgt Ion:152 Resp: 203980
 Ion Ratio Lower Upper
 152 100
 115 61.4 28.2 84.7
 150 158.3 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 65.909 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY019639.D
 Acq: 20 Sep 2024 12:39

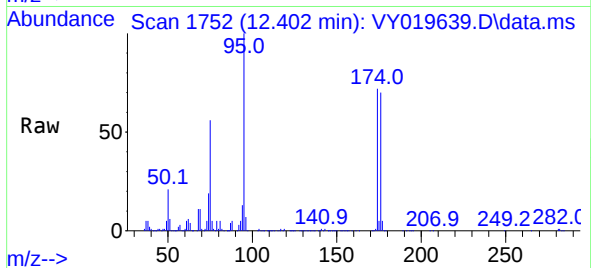
Tgt Ion: 75 Resp: 126011
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



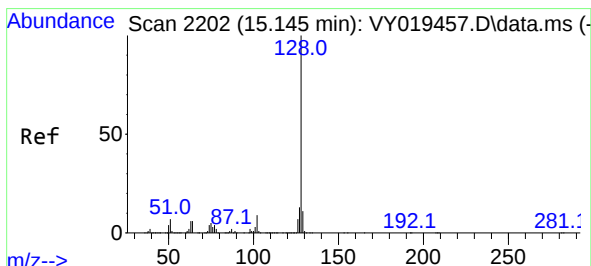
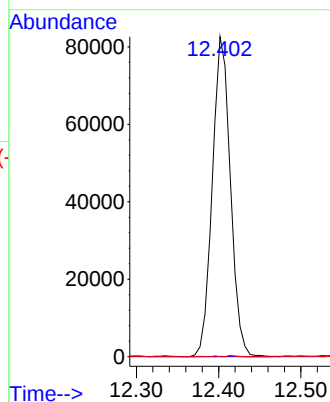
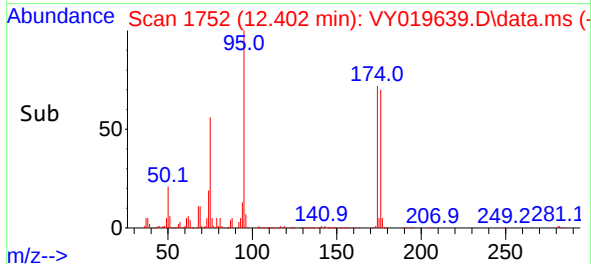


#81
trans-1,4-Dichloro-2-butene
Concen: 126.527 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019639.D
Acq: 20 Sep 2024 12:39

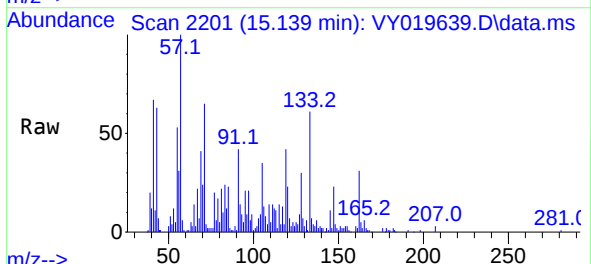
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 126011
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#



#95
Naphthalene
Concen: 1.531 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY019639.D
Acq: 20 Sep 2024 12:39



Tgt Ion: 128 Resp: 10613
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

