

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019612.D
 Acq On : 18 Sep 2024 17:41
 Operator : SY/MD
 Sample : P4085-01
 Misc : 3.25g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 01:27:04 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)

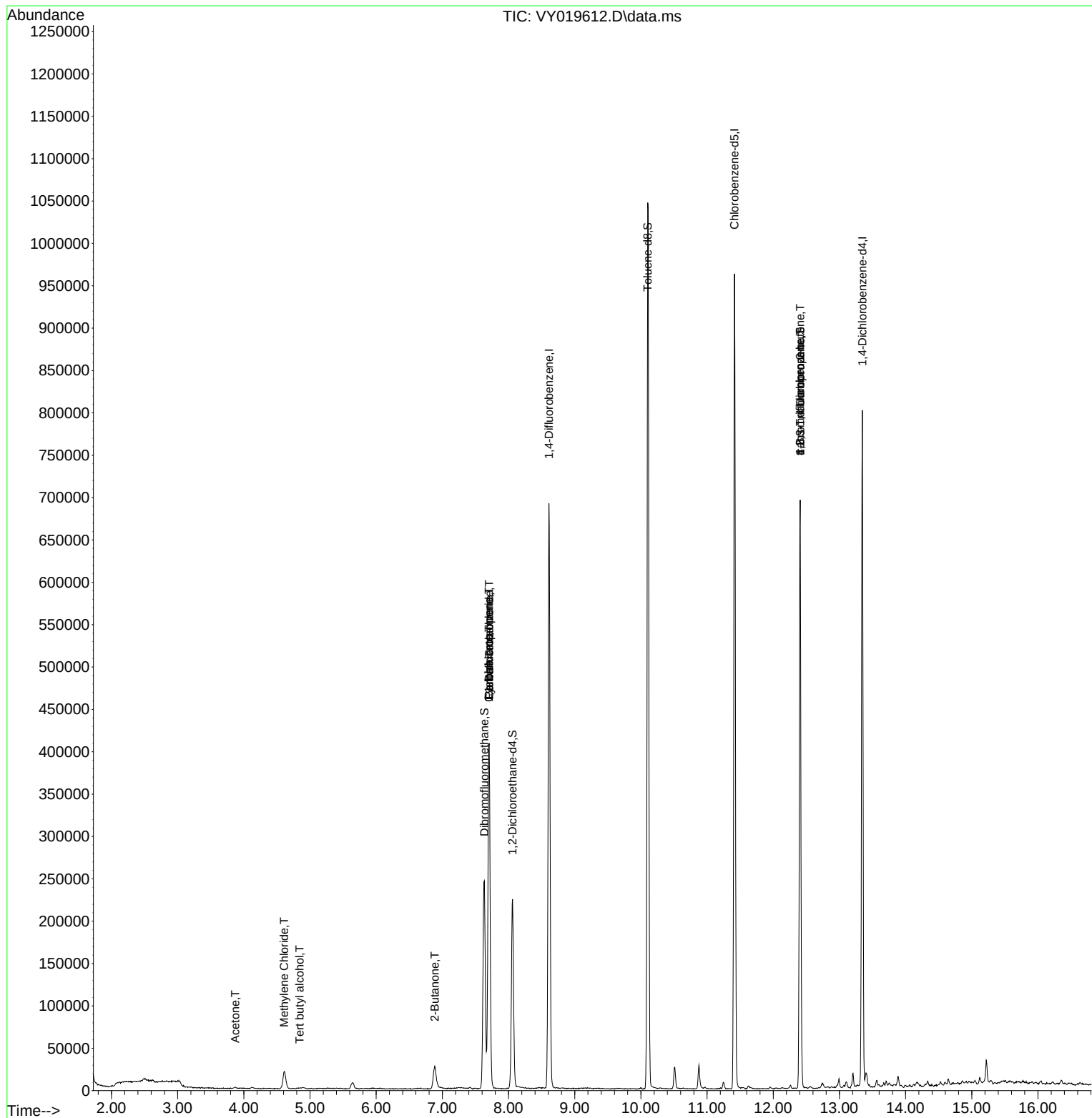
Internal Standards						
1) Pentafluorobenzene	7.707	168	307222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	580310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	504325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	186483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	172450	60.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.240%	
35) Dibromofluoromethane	7.634	113	179406	54.527	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.060%	
50) Toluene-d8	10.103	98	687676	56.506	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.020%	
62) 4-Bromofluorobenzene	12.408	95	212666	45.447	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 90.900%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	148	Below Cal	#	43
11) Tert butyl alcohol	4.842	59	773	3.365	ug/l #	88
13) Acrolein	3.659	56	20	Below Cal	#	1
16) Acetone	3.873	43	2328	3.435	ug/l #	75
20) Methylene Chloride	4.610	84	14439	4.672	ug/l	89
25) 2-Butanone	6.884	43	2074	2.152	ug/l #	69
31) Cyclohexane	7.701	56	7441	1.462	ug/l #	10
36) 1,1-Dichloropropene	7.701	75	27143	6.063	ug/l #	48
38) Carbon Tetrachloride	7.707	117	33576	6.650	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	117550	67.253	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	117550	129.106	ug/l #	16

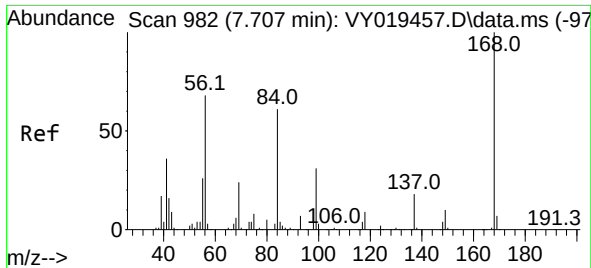
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
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Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 19 01:27:04 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

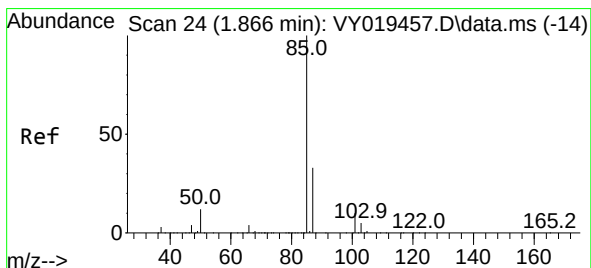
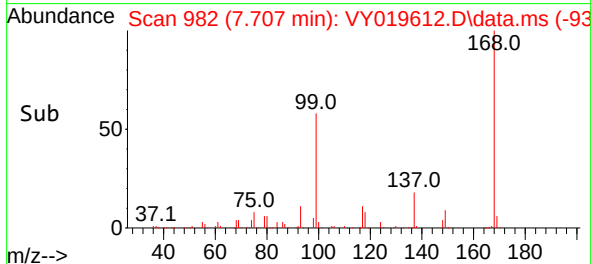
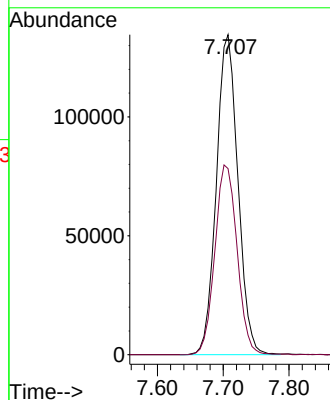
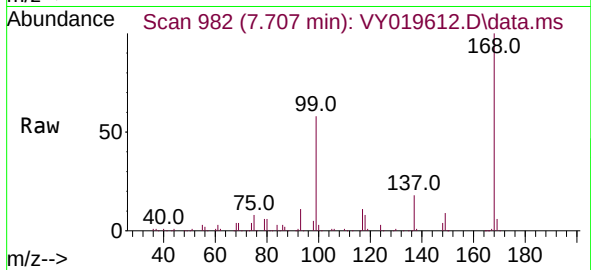




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019612.D
Acq: 18 Sep 2024 17:41

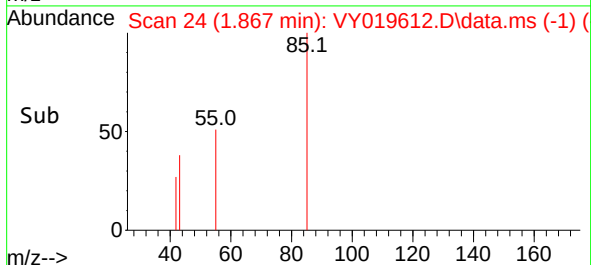
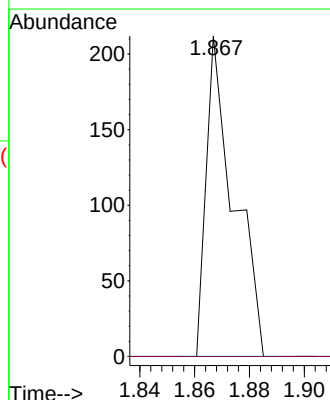
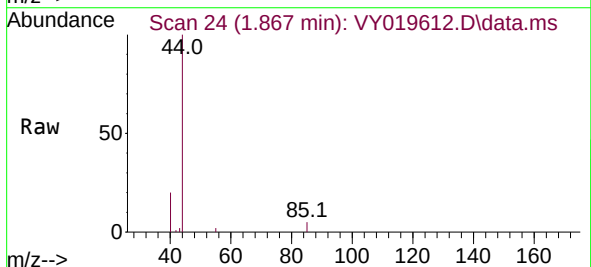
Instrument :
MSVOA_Y
ClientSampleId :

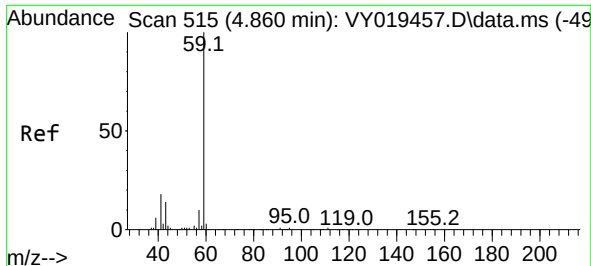
Tgt Ion:168 Resp: 307222
Ion Ratio Lower Upper
168 100
99 58.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019612.D
Acq: 18 Sep 2024 17:41

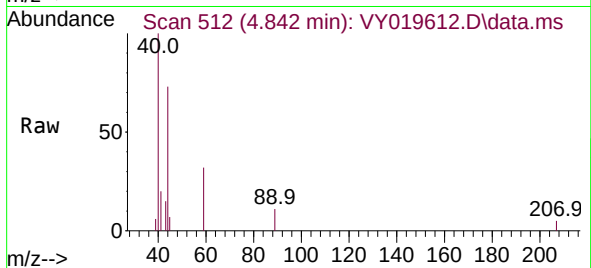
Tgt Ion: 85 Resp: 148
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



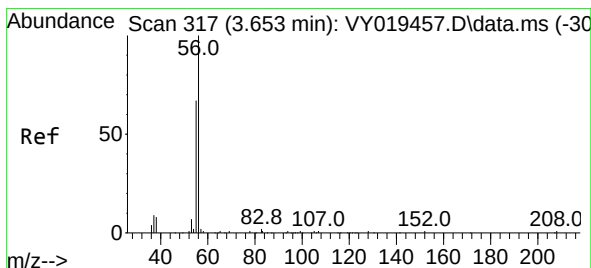
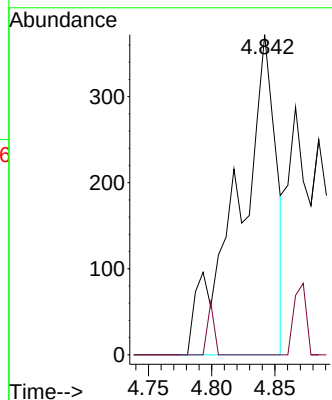
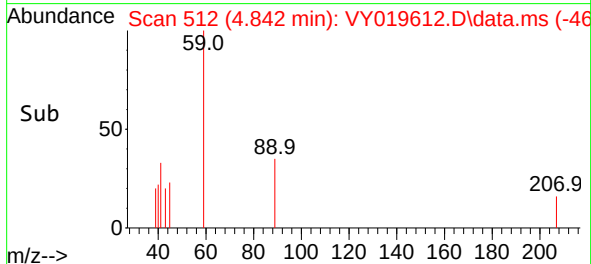


#11
Tert butyl alcohol
Concen: 3.365 ug/l
RT: 4.842 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY019612.D
Acq: 18 Sep 2024 17:41

Instrument :
MSVOA_Y
ClientSampleId :

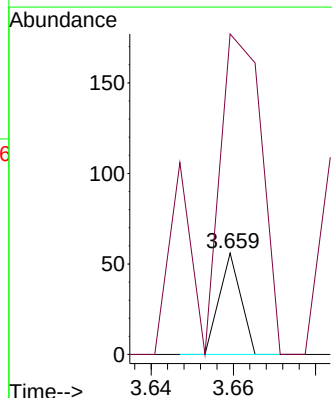
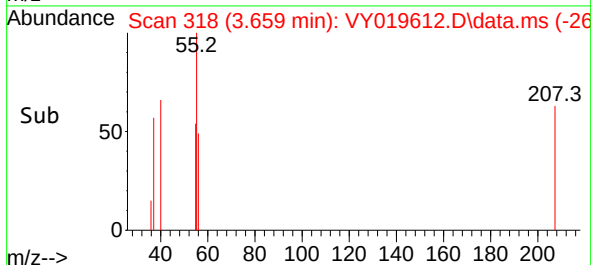
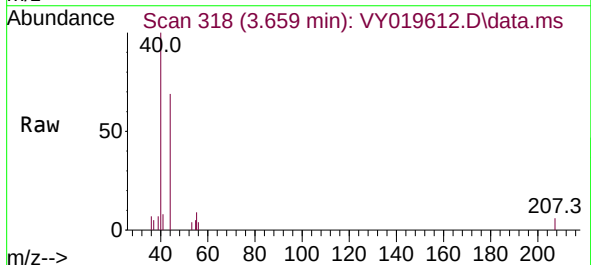


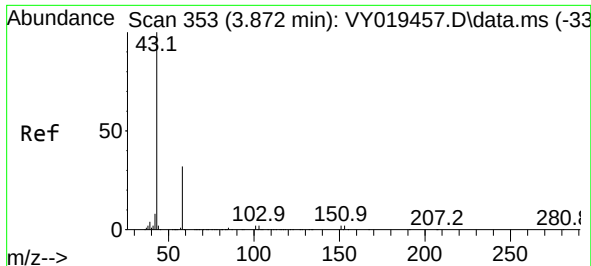
Tgt Ion: 59 Resp: 773
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.659 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY019612.D
Acq: 18 Sep 2024 17:41

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 810.0 55.7 83.5#

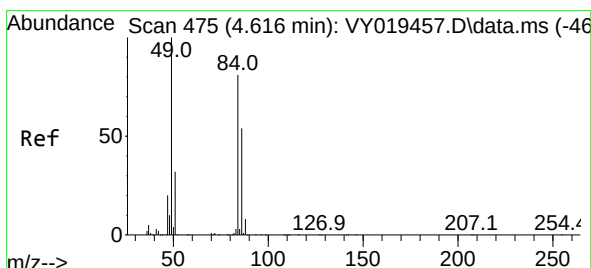
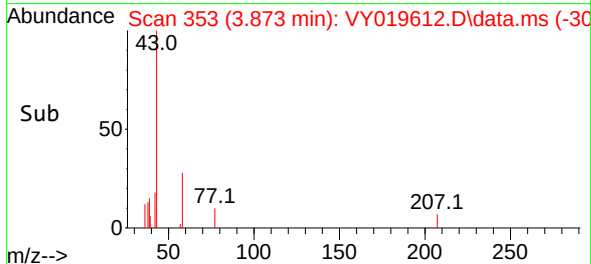
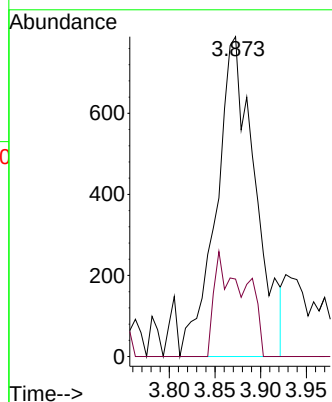
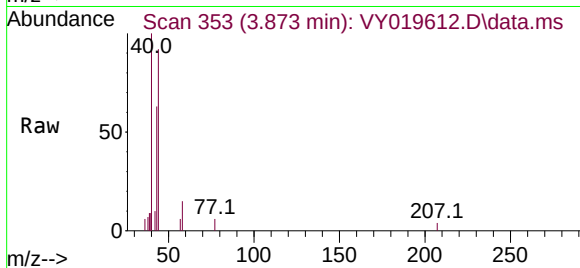




#16
Acetone
Concen: 3.435 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019612.D
Acq: 18 Sep 2024 17:41

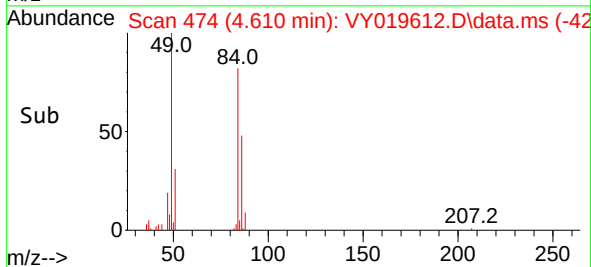
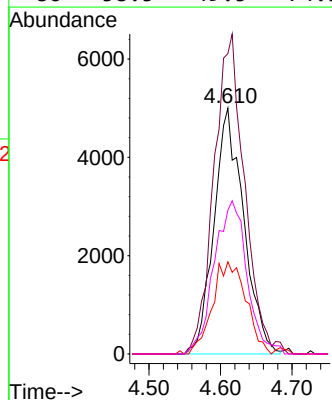
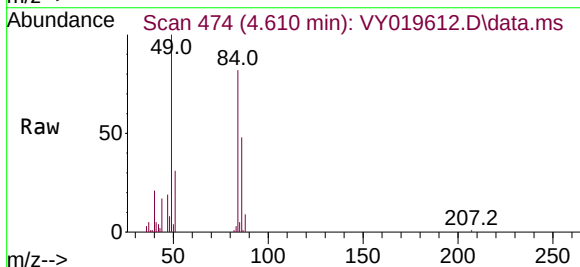
Instrument :
MSVOA_Y
ClientSampleId :

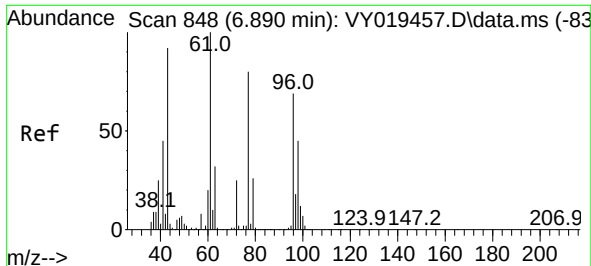
Tgt Ion: 43 Resp: 2328
Ion Ratio Lower Upper
43 100
58 24.2 31.7 47.5#



#20
Methylene Chloride
Concen: 4.672 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019612.D
Acq: 18 Sep 2024 17:41

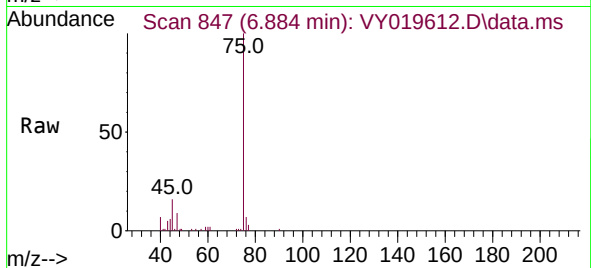
Tgt Ion: 84 Resp: 14439
Ion Ratio Lower Upper
84 100
49 122.2 84.4 126.6
51 36.2 26.0 39.0
86 58.5 49.5 74.3



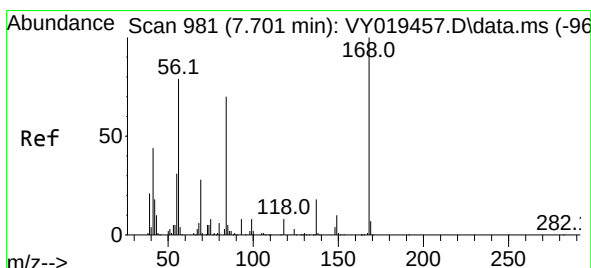
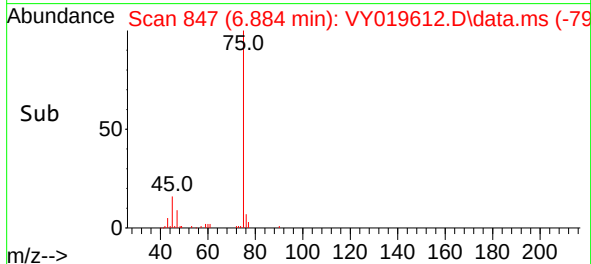
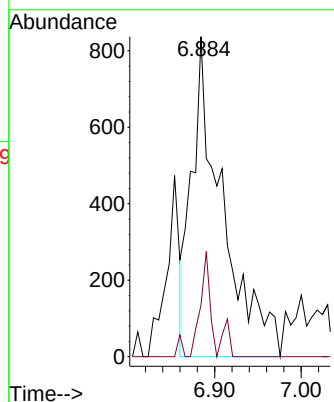


#25
2-Butanone
Concen: 2.152 ug/l
RT: 6.884 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY019612.D
Acq: 18 Sep 2024 17:41

Instrument :
MSVOA_Y
ClientSampleId :

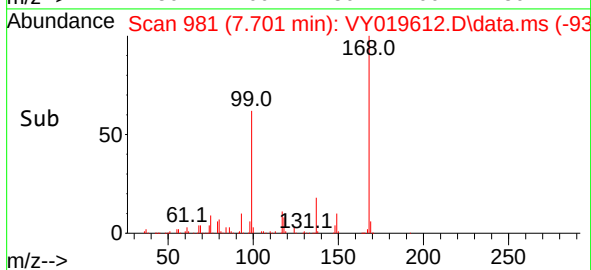
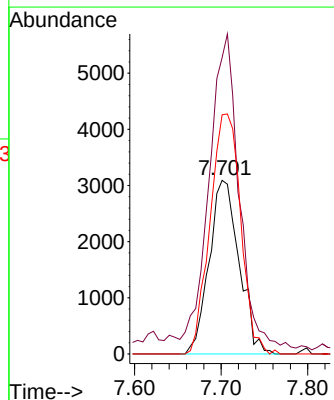
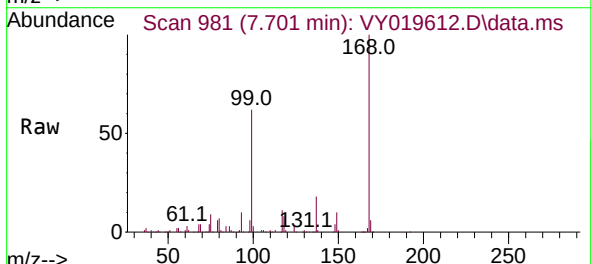


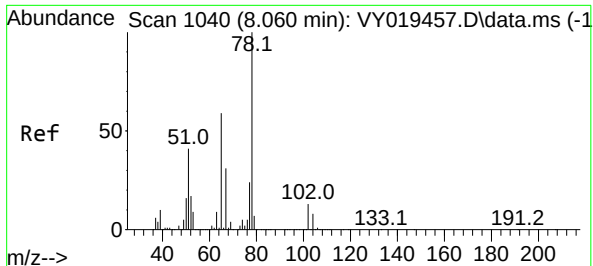
Tgt Ion: 43 Resp: 2074
Ion Ratio Lower Upper
43 100
72 16.1 27.3 40.9#



#31
Cyclohexane
Concen: 1.462 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019612.D
Acq: 18 Sep 2024 17:41

Tgt Ion: 56 Resp: 7441
Ion Ratio Lower Upper
56 100
69 165.6 28.7 43.1#
84 137.8 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 60.619 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019612.D

Acq: 18 Sep 2024 17:41

Instrument :

MSVOA_Y

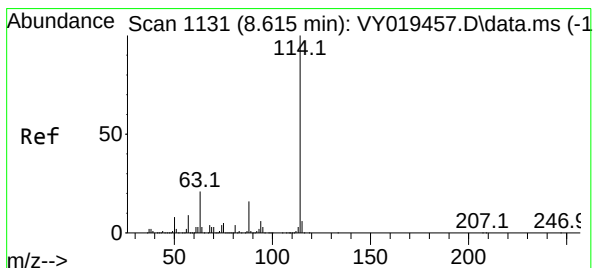
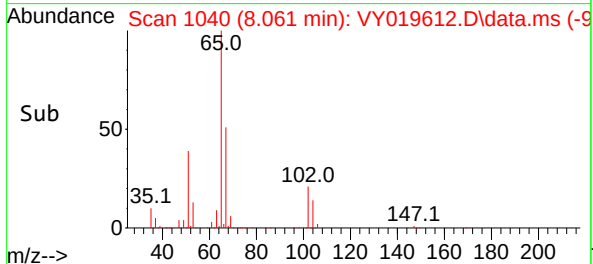
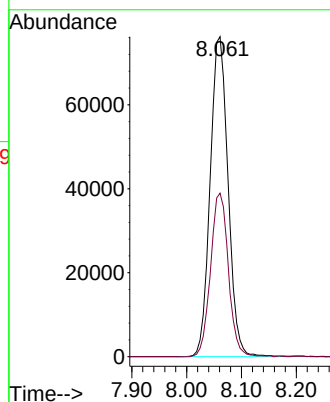
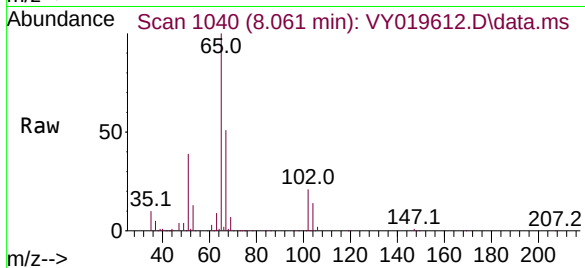
ClientSampleId :

Tgt Ion: 65 Resp: 172450

Ion Ratio Lower Upper

65 100

67 51.0 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: VY019612.D

Acq: 18 Sep 2024 17:41

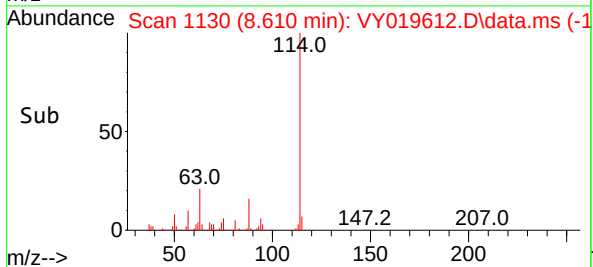
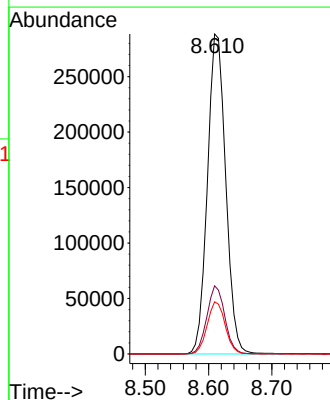
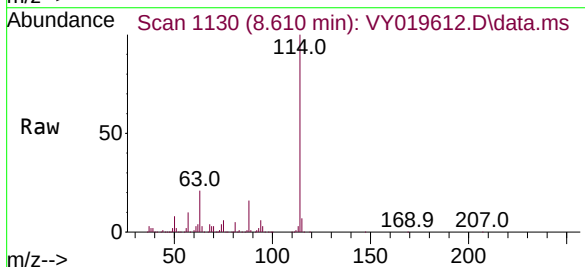
Tgt Ion: 114 Resp: 580310

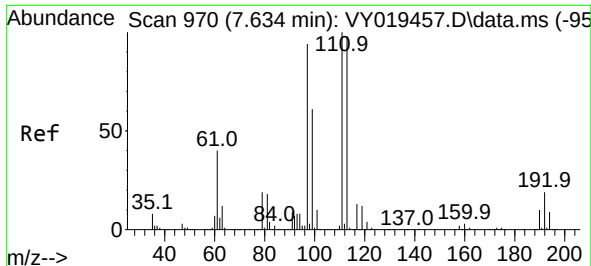
Ion Ratio Lower Upper

114 100

63 21.3 0.0 35.0

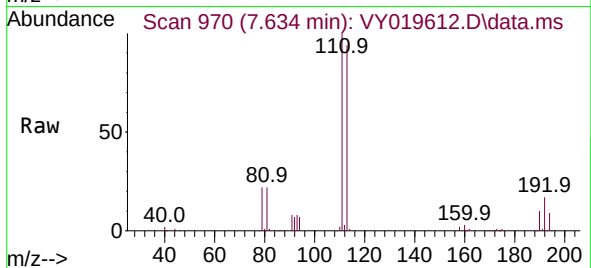
88 16.3 0.0 27.2



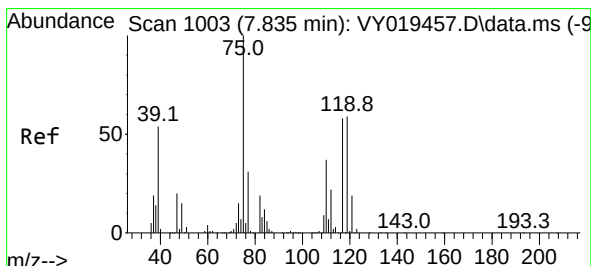
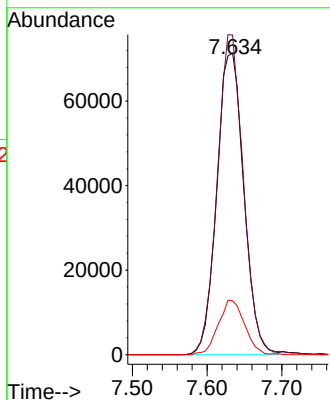
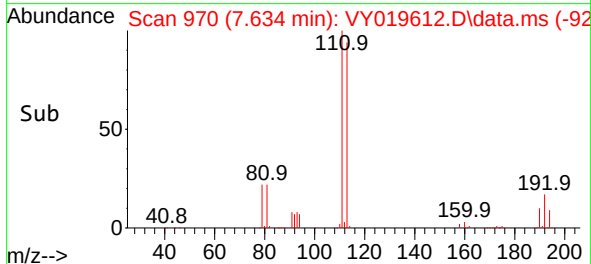


#35
Dibromofluoromethane
Concen: 54.527 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019612.D
Acq: 18 Sep 2024 17:41

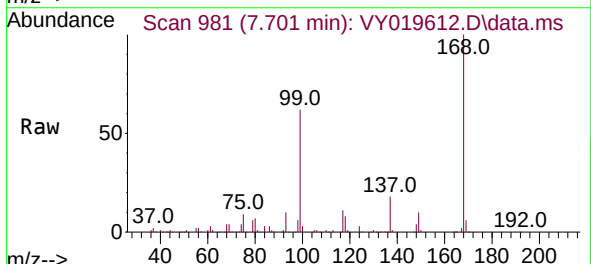
Instrument :
MSVOA_Y
ClientSampleId :



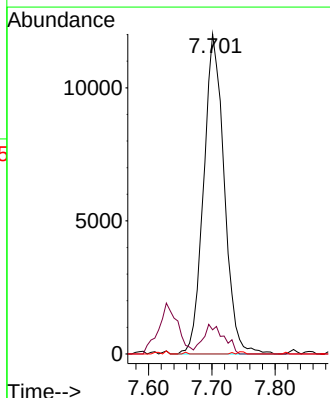
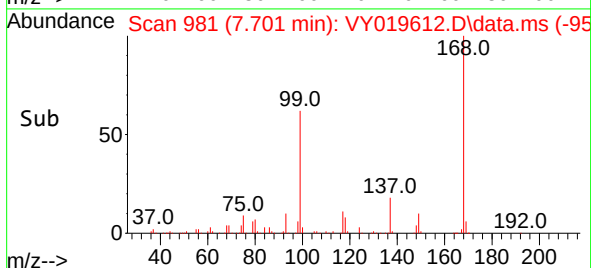
Tgt Ion:113 Resp: 179406
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 17.6 15.9 23.9

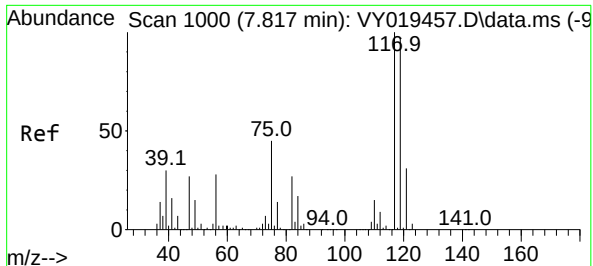


#36
1,1-Dichloropropene
Concen: 6.063 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019612.D
Acq: 18 Sep 2024 17:41



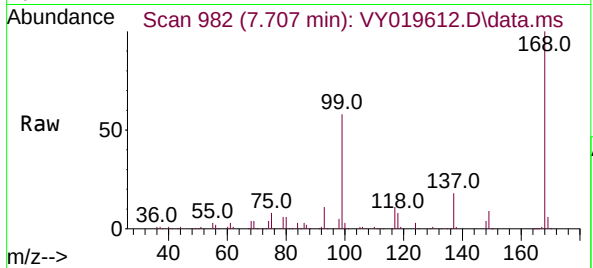
Tgt Ion: 75 Resp: 27143
Ion Ratio Lower Upper
75 100
110 9.3 19.0 57.0#
77 0.0 25.3 37.9#



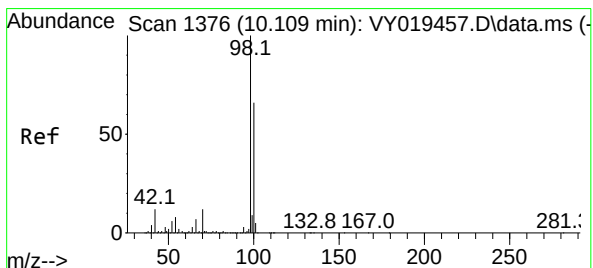
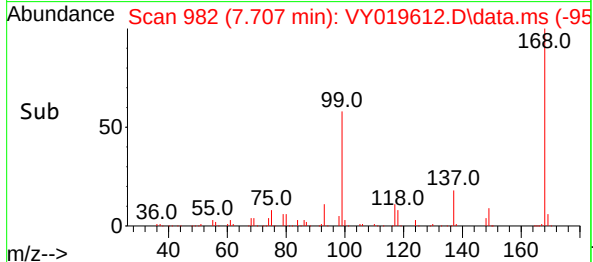
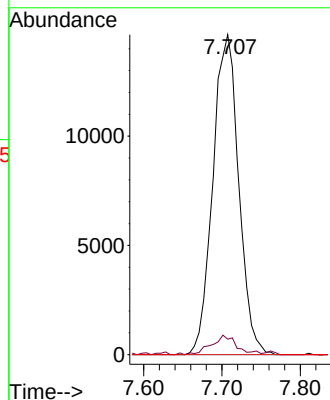


#38
Carbon Tetrachloride
Concen: 6.650 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019612.D
Acq: 18 Sep 2024 17:41

Instrument :
MSVOA_Y
ClientSampleId :

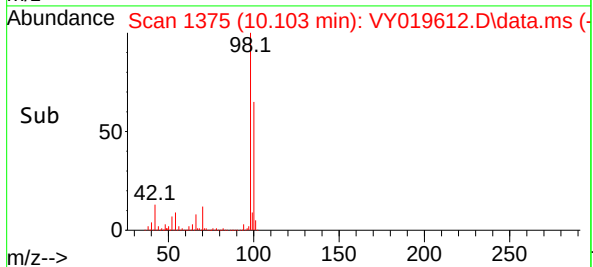
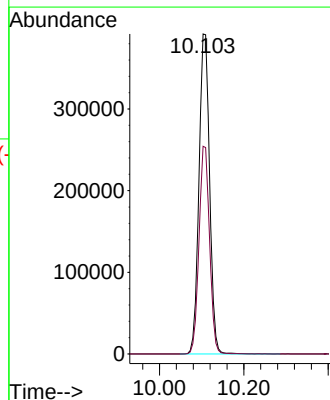
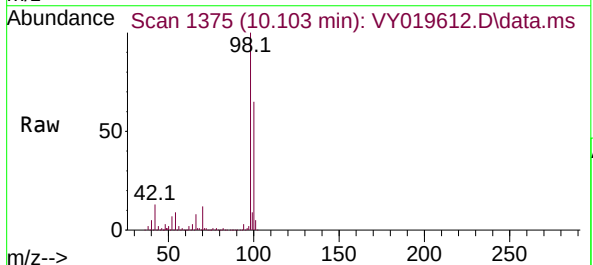


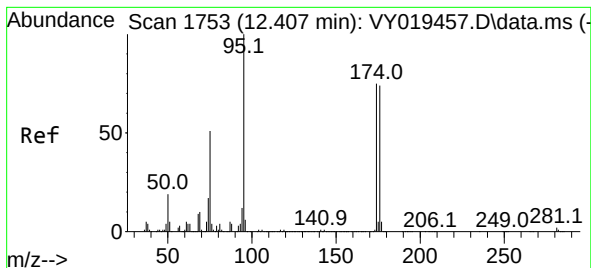
Tgt Ion:117 Resp: 33576
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 56.506 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019612.D
Acq: 18 Sep 2024 17:41

Tgt Ion: 98 Resp: 687676
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

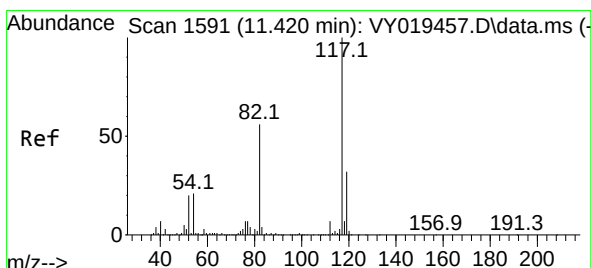
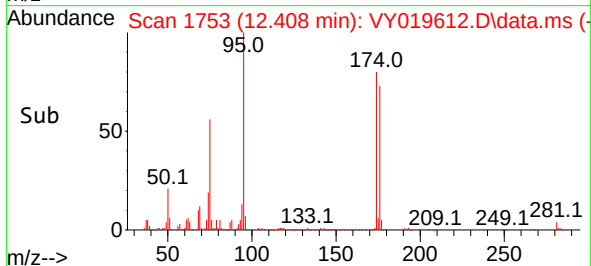
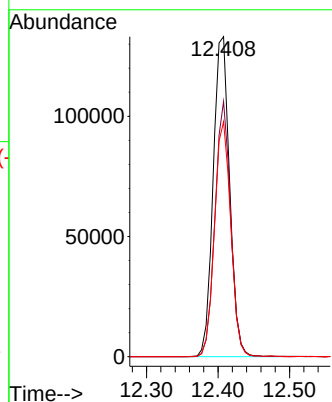
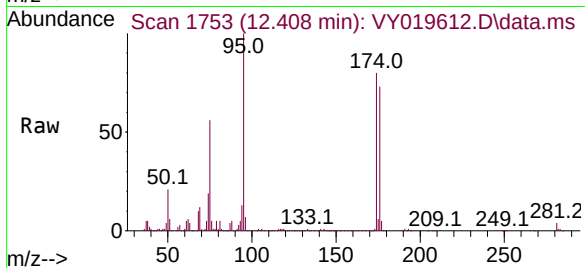




#62
4-Bromofluorobenzene
Concen: 45.447 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019612.D
Acq: 18 Sep 2024 17:41

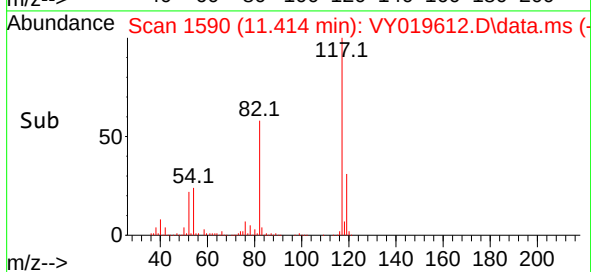
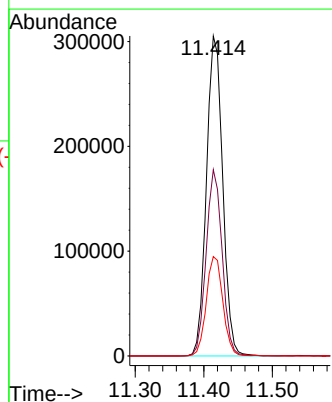
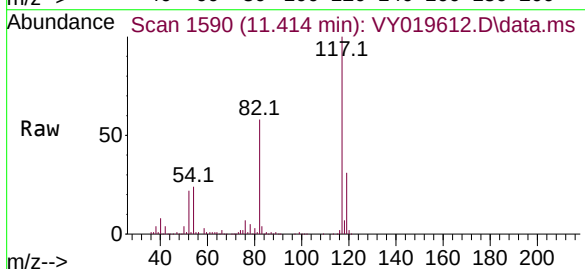
Instrument :
MSVOA_Y
ClientSampleId :

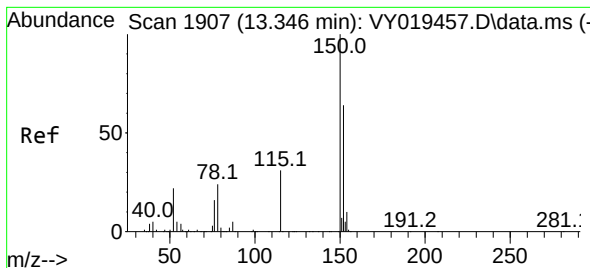
Tgt Ion: 95 Resp: 212666
Ion Ratio Lower Upper
95 100
174 75.9 0.0 175.6
176 72.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019612.D
Acq: 18 Sep 2024 17:41

Tgt Ion: 117 Resp: 504325
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 31.1 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: VY019612.D

Acq: 18 Sep 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

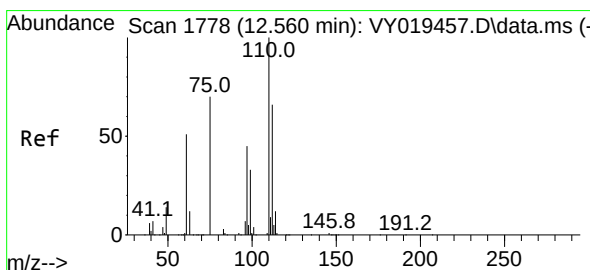
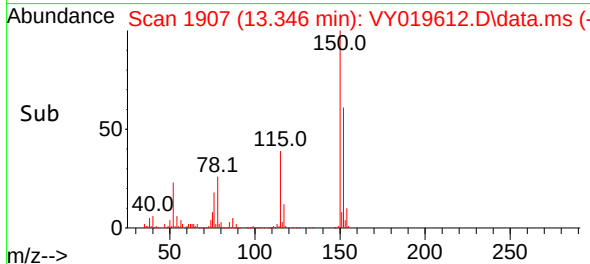
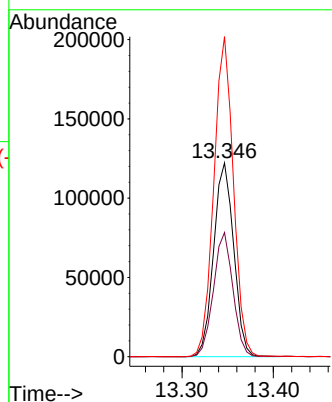
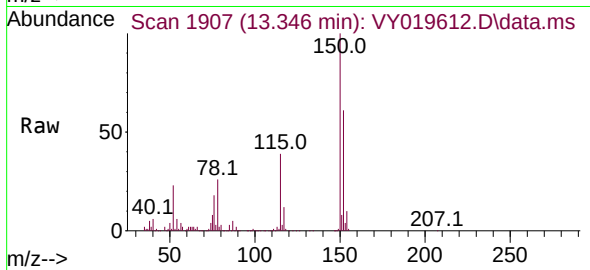
Tgt Ion:152 Resp: 186483

Ion Ratio Lower Upper

152 100

115 62.2 28.2 84.7

150 161.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 67.253 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019612.D

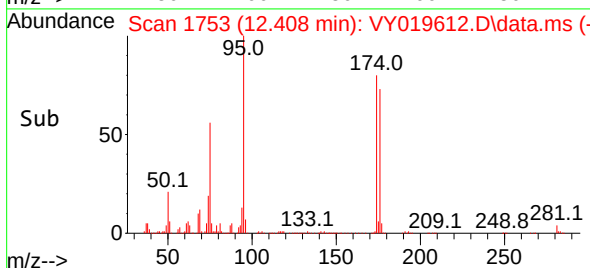
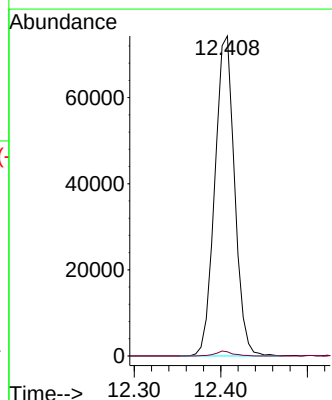
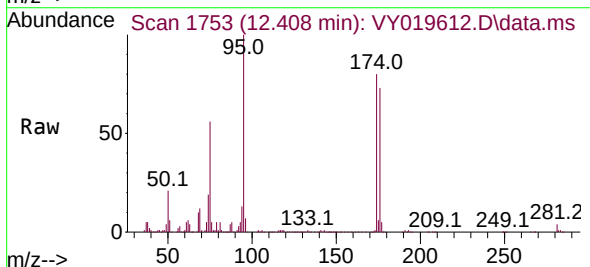
Acq: 18 Sep 2024 17:41

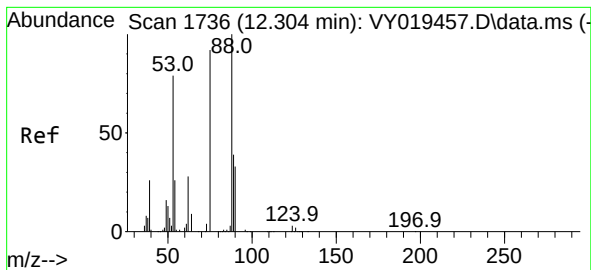
Tgt Ion: 75 Resp: 117550

Ion Ratio Lower Upper

75 100

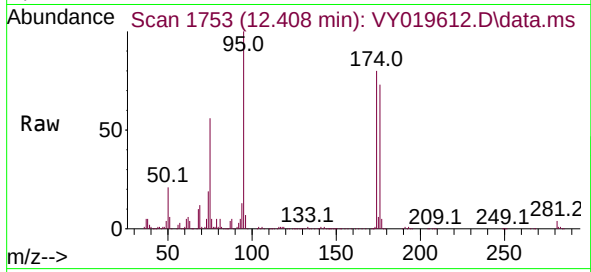
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.106 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019612.D
 Acq: 18 Sep 2024 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 117550
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

