

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
 Data File : VY019527.D
 Acq On : 12 Sep 2024 15:00
 Operator : SY/MD
 Sample : P3962-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 01:31:49 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)

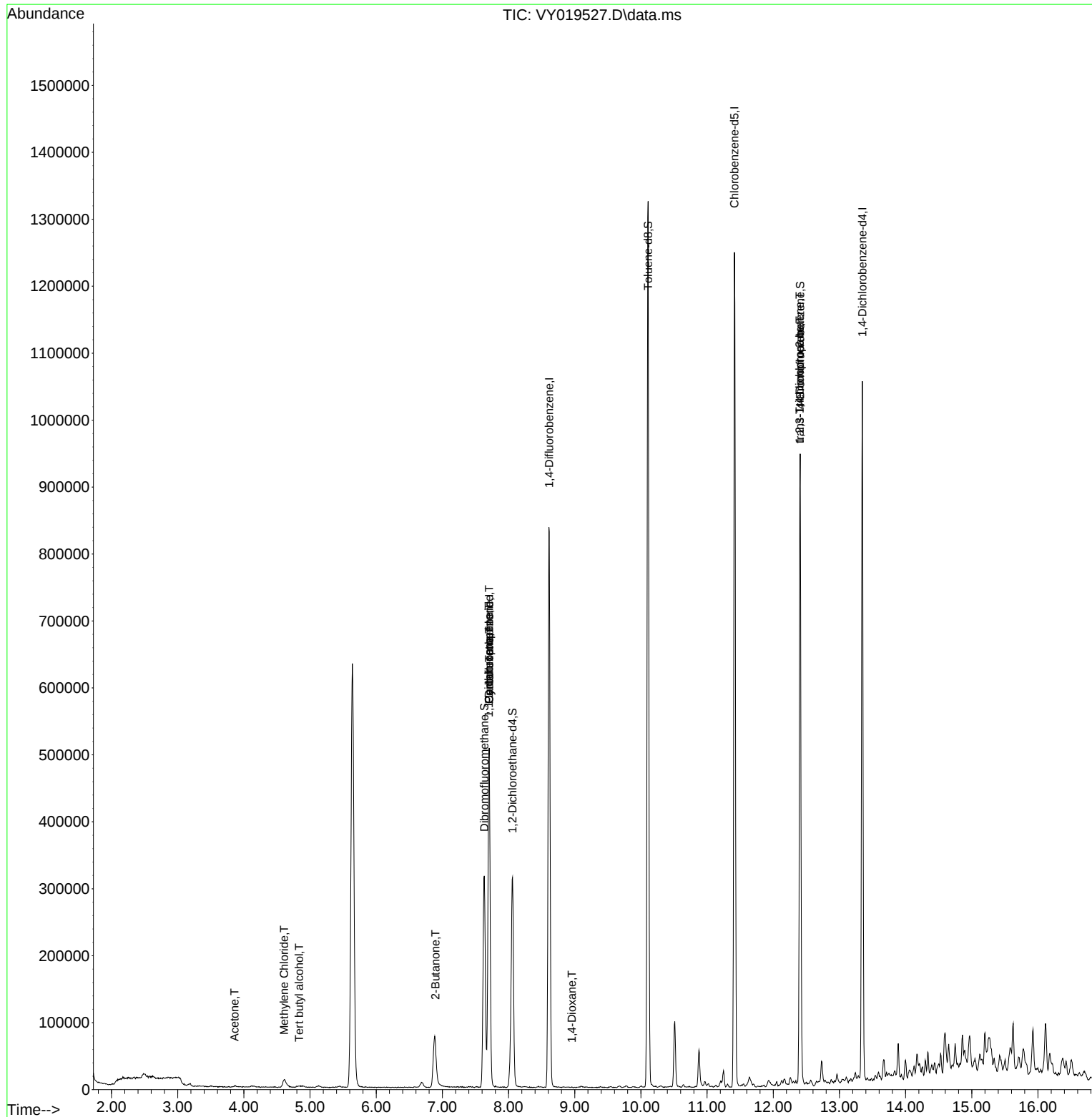
Internal Standards						
1) Pentafluorobenzene	7.707	168	371792	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	713612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	648601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	248521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	228750	66.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.880%	
35) Dibromofluoromethane	7.634	113	229611	56.749	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.500%	
50) Toluene-d8	10.109	98	859229	57.414	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.820%	
62) 4-Bromofluorobenzene	12.407	95	285962	49.695	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 99.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	189	Below Cal		79
11) Tert butyl alcohol	4.836	59	2330	8.381	ug/l #	83
13) Acrolein	3.653	56	199	Below Cal	#	1
16) Acetone	3.860	43	3838	4.679	ug/l #	74
20) Methylene Chloride	4.610	84	8003	2.140	ug/l	94
25) 2-Butanone	6.896	43	4604	3.947	ug/l #	52
31) Cyclohexane	7.707	56	13390	2.173	ug/l #	30
36) 1,1-Dichloropropene	7.701	75	32365	5.879	ug/l #	47
38) Carbon Tetrachloride	7.707	117	40293	6.490	ug/l #	16
49) 1,4-Dioxane	8.957	88	42	1.574	ug/l #	20
76) 1,2,3-Trichloropropane	12.401	75	154704	66.415	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	154704	127.497	ug/l #	16

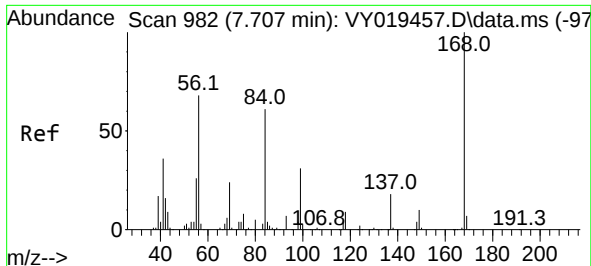
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
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Quant Time: Sep 13 01:31:49 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

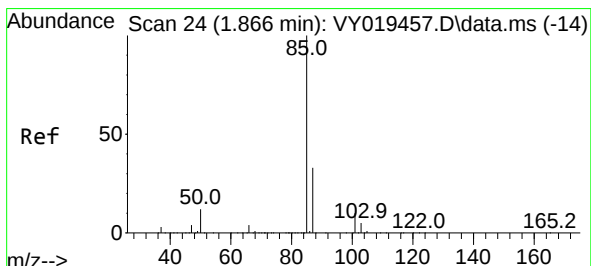
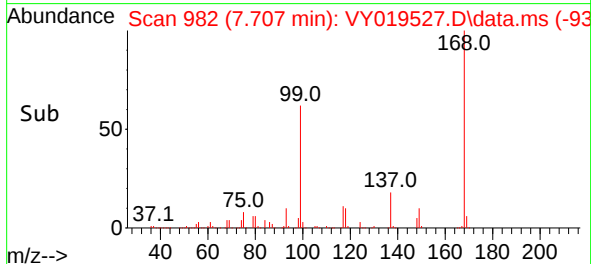
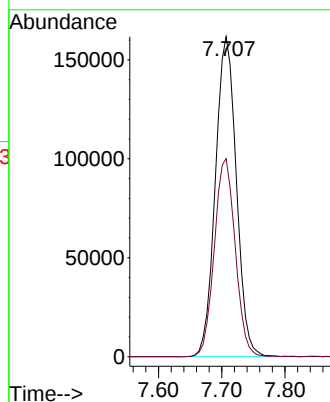
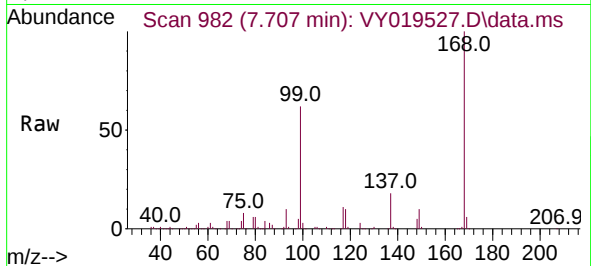




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019527.D
Acq: 12 Sep 2024 15:00

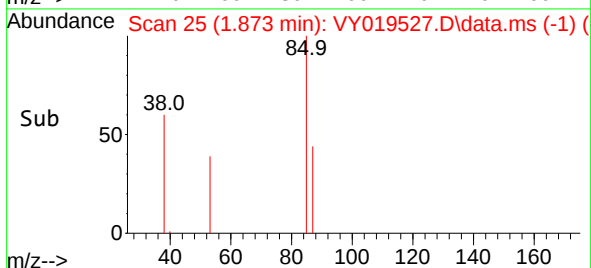
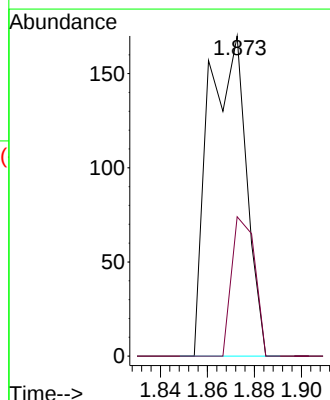
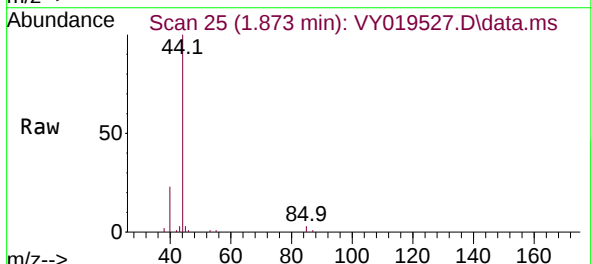
Instrument :
MSVOA_Y
ClientSampleId :

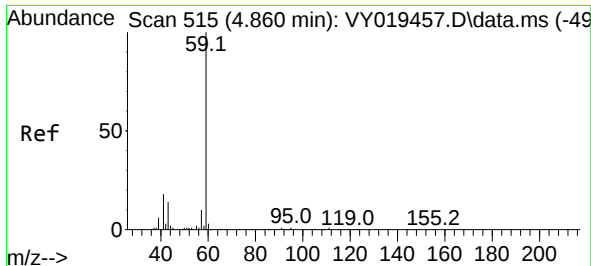
Tgt Ion:168 Resp: 371792
Ion Ratio Lower Upper
168 100
99 61.9 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY019527.D
Acq: 12 Sep 2024 15:00

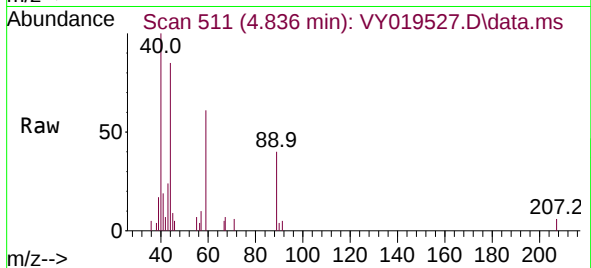
Tgt Ion: 85 Resp: 189
Ion Ratio Lower Upper
85 100
87 43.5 16.0 48.0



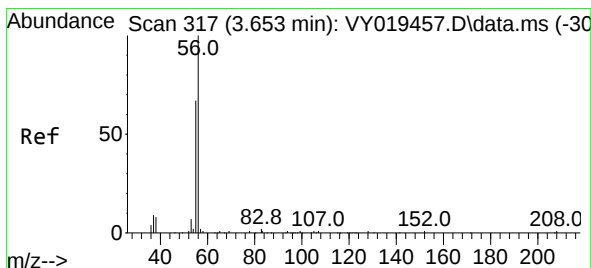
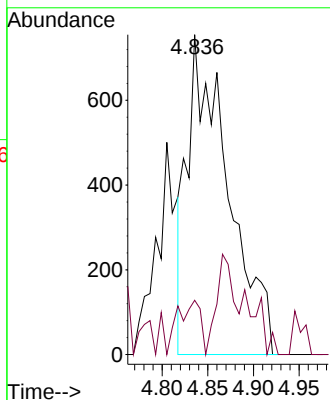
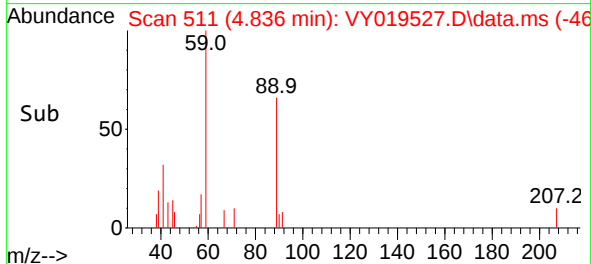


#11
Tert butyl alcohol
Concen: 8.381 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY019527.D
Acq: 12 Sep 2024 15:00

Instrument :
MSVOA_Y
ClientSampleId :

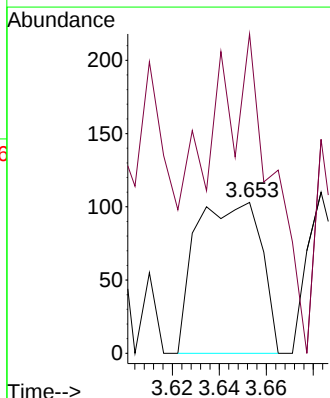
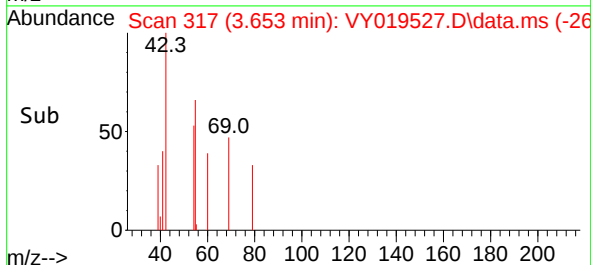
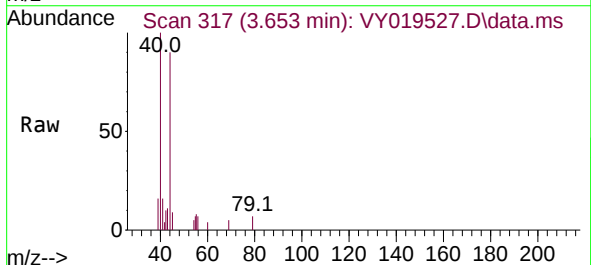


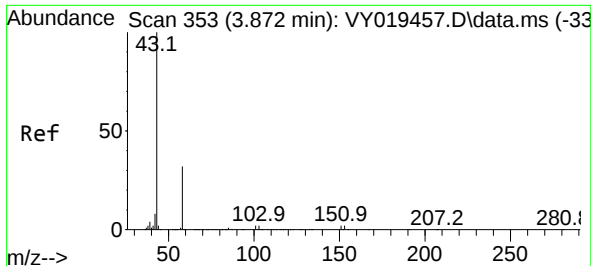
Tgt Ion: 59 Resp: 2330
Ion Ratio Lower Upper
59 100
57 9.4 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY019527.D
Acq: 12 Sep 2024 15:00

Tgt Ion: 56 Resp: 199
Ion Ratio Lower Upper
56 100
55 209.5 55.7 83.5#

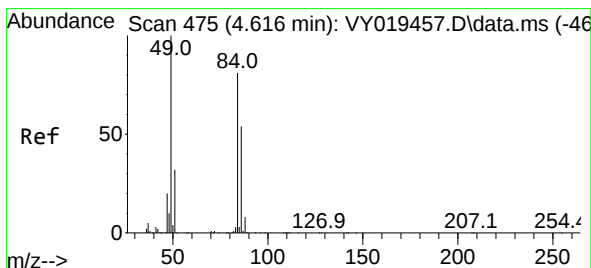
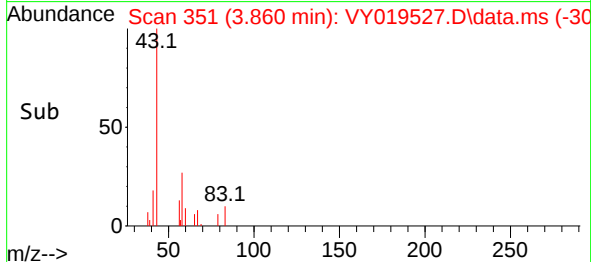
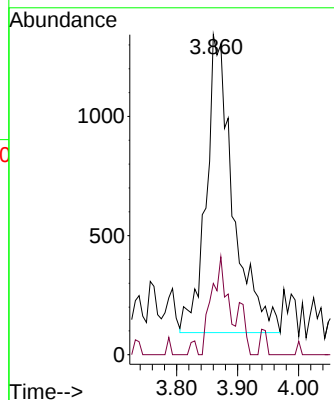
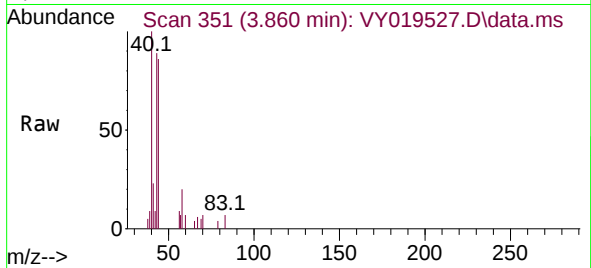




#16
Acetone
Concen: 4.679 ug/l
RT: 3.860 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY019527.D
Acq: 12 Sep 2024 15:00

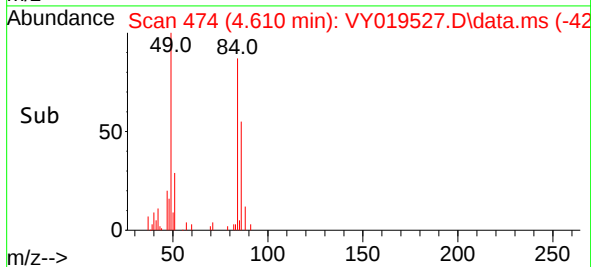
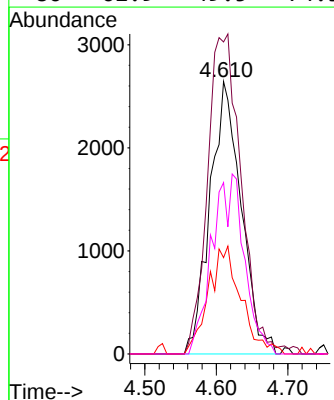
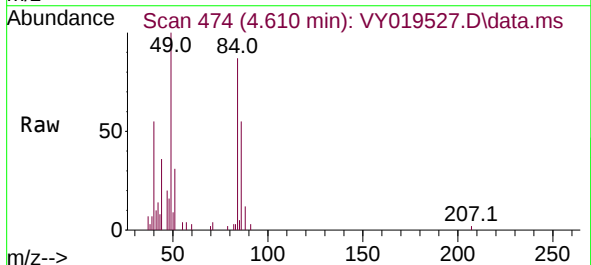
Instrument :
MSVOA_Y
ClientSampleId :

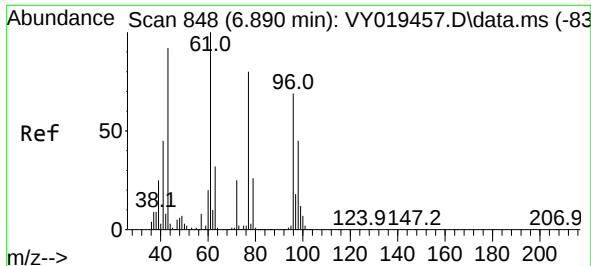
Tgt Ion: 43 Resp: 3838
Ion Ratio Lower Upper
43 100
58 23.9 31.7 47.5#



#20
Methylene Chloride
Concen: 2.140 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019527.D
Acq: 12 Sep 2024 15:00

Tgt Ion: 84 Resp: 8003
Ion Ratio Lower Upper
84 100
49 114.5 84.4 126.6
51 35.4 26.0 39.0
86 62.9 49.5 74.3

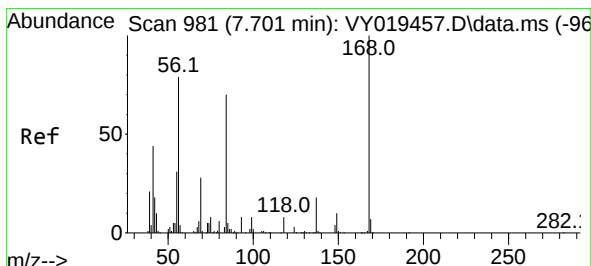
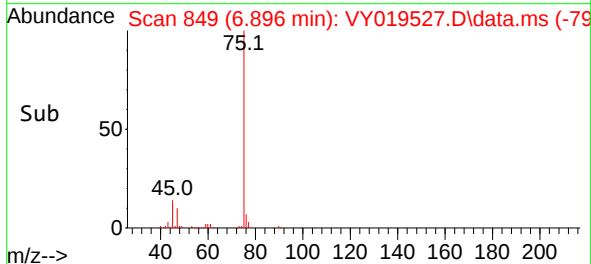
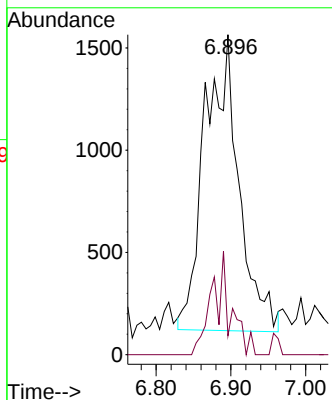
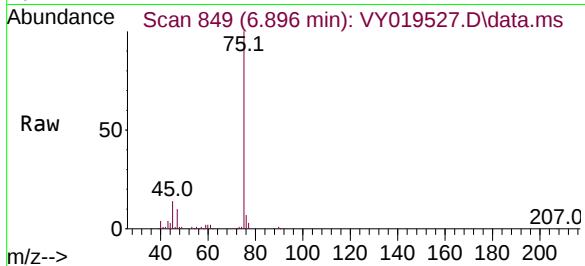




#25
2-Butanone
Concen: 3.947 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY019527.D
Acq: 12 Sep 2024 15:00

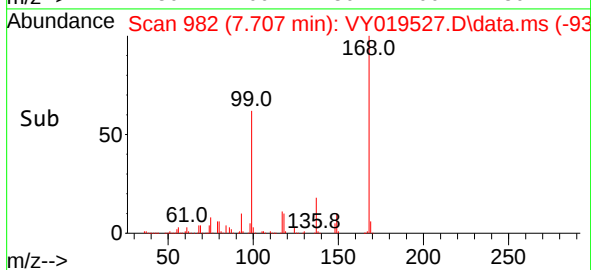
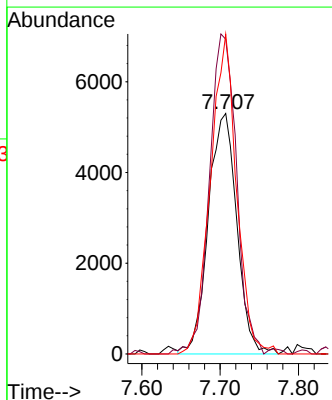
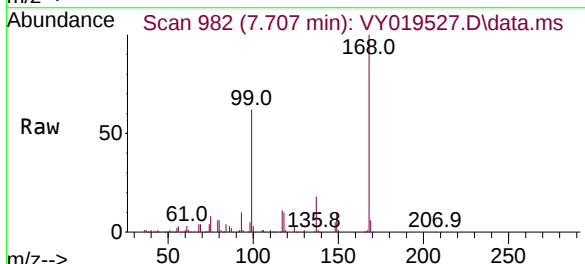
Instrument :
MSVOA_Y
ClientSampleId :

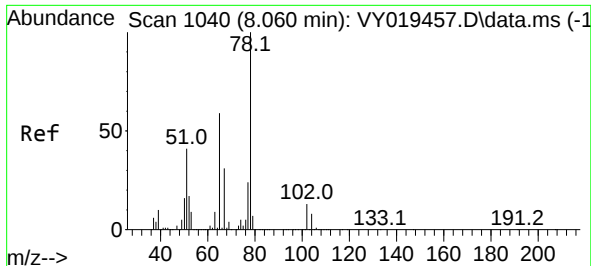
Tgt Ion: 43 Resp: 4604
Ion Ratio Lower Upper
43 100
72 6.6 27.3 40.9#



#31
Cyclohexane
Concen: 2.173 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019527.D
Acq: 12 Sep 2024 15:00

Tgt Ion: 56 Resp: 13390
Ion Ratio Lower Upper
56 100
69 129.6 28.7 43.1#
84 133.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 66.445 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019527.D

Acq: 12 Sep 2024 15:00

Instrument :

MSVOA_Y

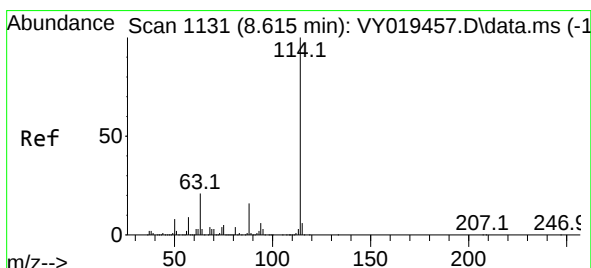
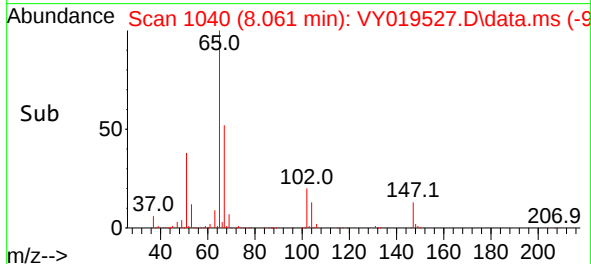
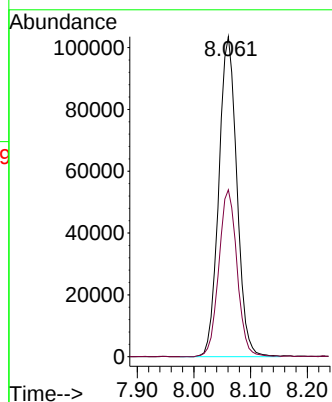
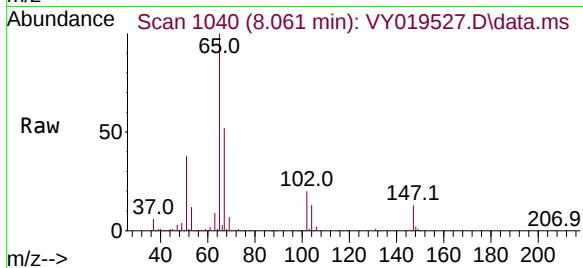
ClientSampleId :

Tgt Ion: 65 Resp: 228750

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: VY019527.D

Acq: 12 Sep 2024 15:00

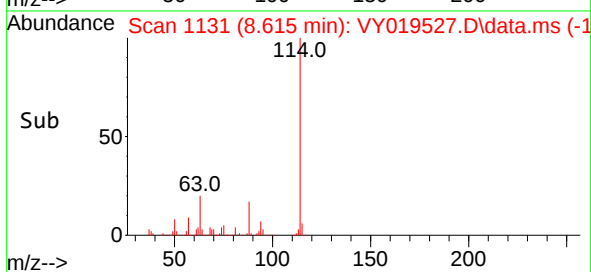
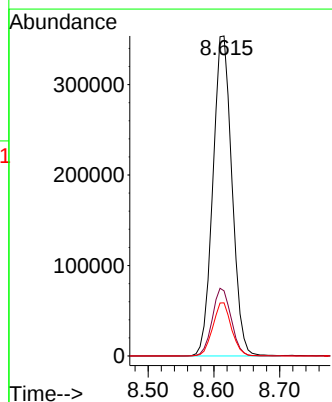
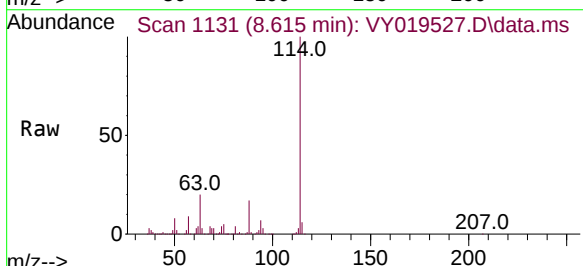
Tgt Ion: 114 Resp: 713612

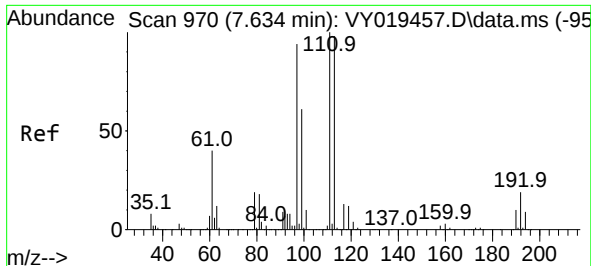
Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

88 16.6 0.0 27.2

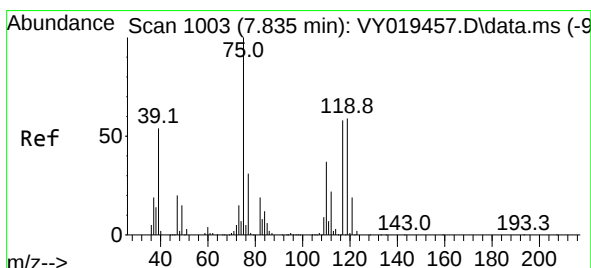
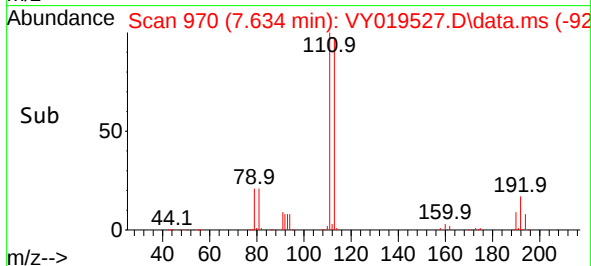
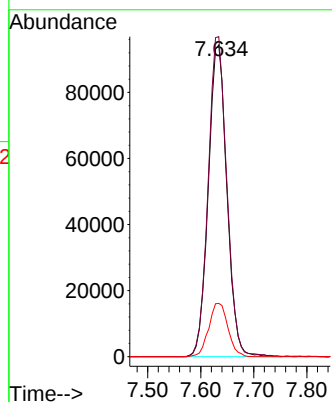
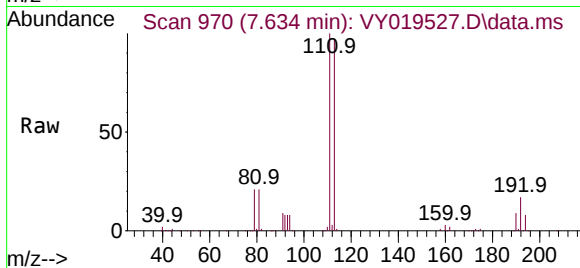




#35
Dibromofluoromethane
Concen: 56.749 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019527.D
Acq: 12 Sep 2024 15:00

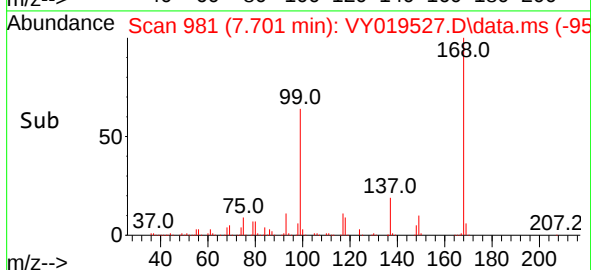
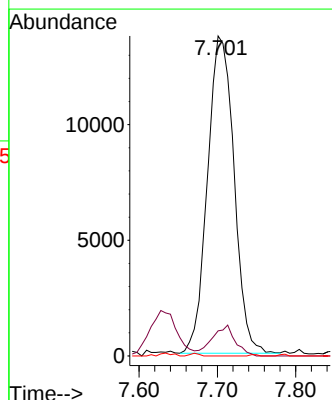
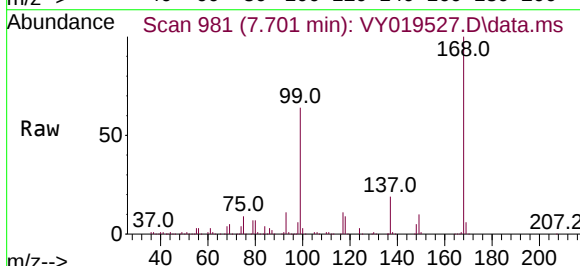
Instrument :
MSVOA_Y
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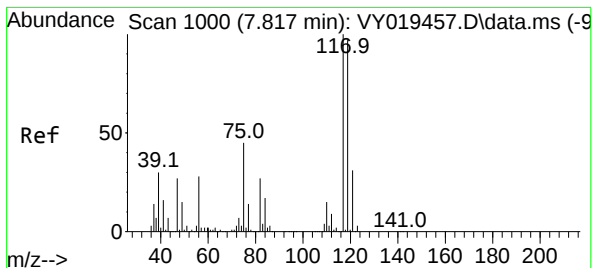
Tgt Ion:113 Resp: 229611
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 17.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.879 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019527.D
Acq: 12 Sep 2024 15:00

Tgt Ion: 75 Resp: 32365
Ion Ratio Lower Upper
75 100
110 8.5 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.490 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.110 min

Lab File: VY019527.D

Acq: 12 Sep 2024 15:00

Instrument :

MSVOA_Y

ClientSampleId :

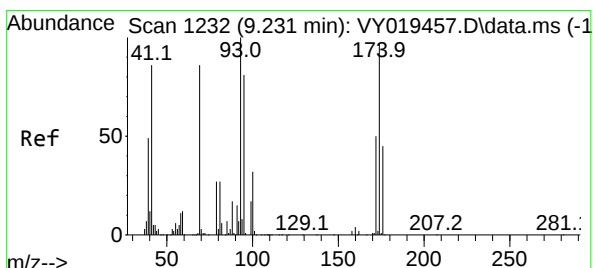
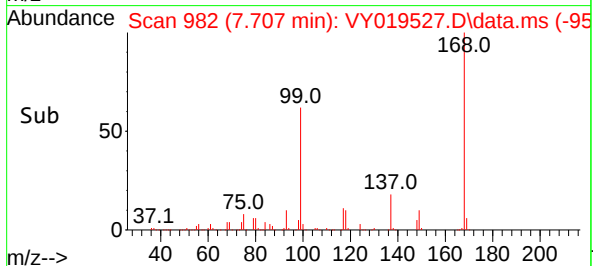
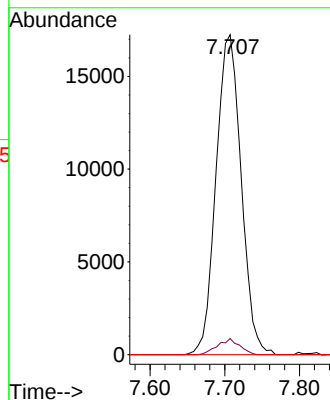
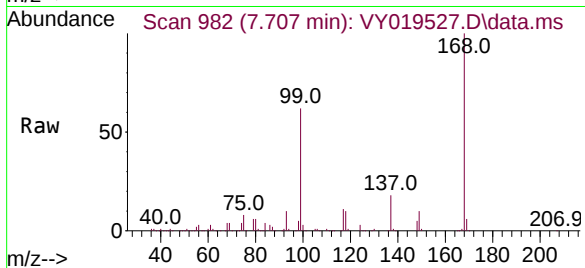
Tgt Ion:117 Resp: 40293

Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.6#

121 0.0 24.0 36.0#



#49

1,4-Dioxane

Concen: 1.574 ug/l

RT: 8.957 min Scan# 1187

Delta R.T. -0.274 min

Lab File: VY019527.D

Acq: 12 Sep 2024 15:00

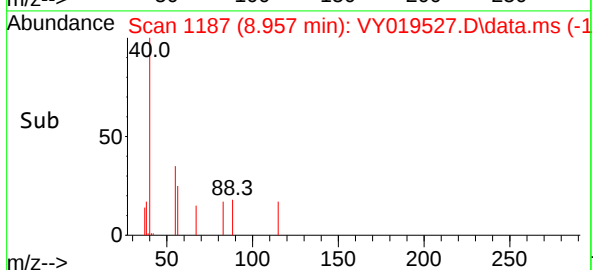
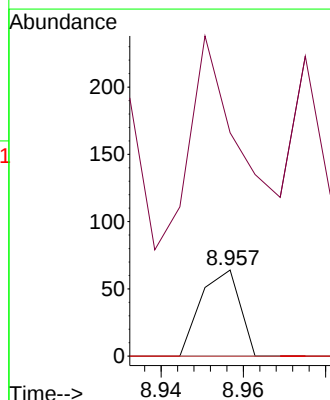
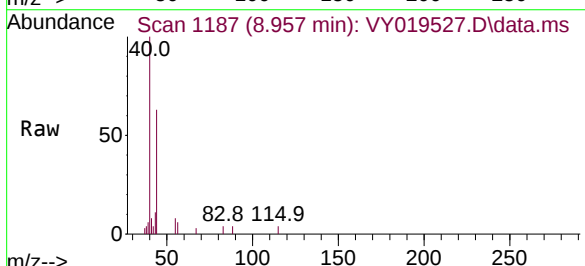
Tgt Ion: 88 Resp: 42

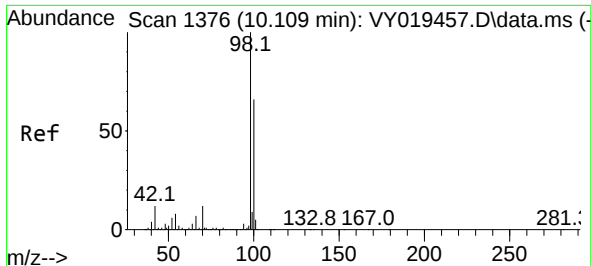
Ion Ratio Lower Upper

88 100

43 185.7 0.0 0.0#

58 0.0 49.3 73.9#

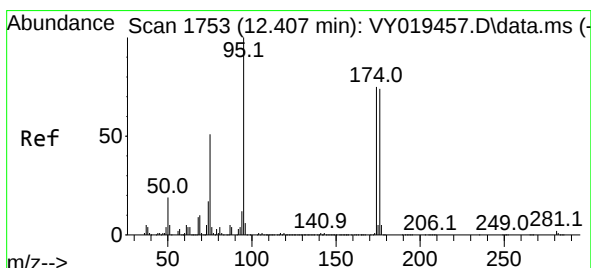
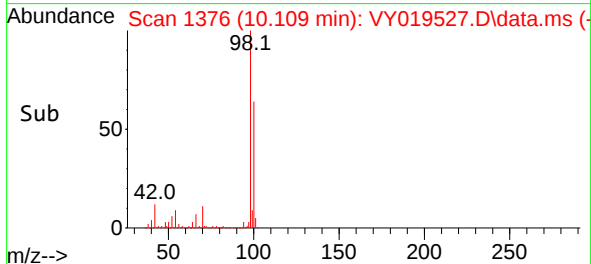
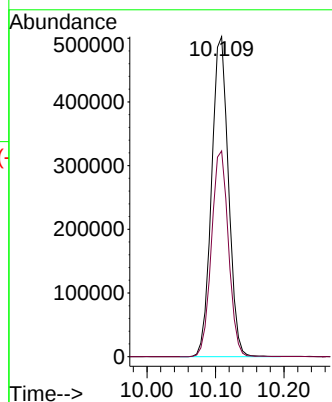
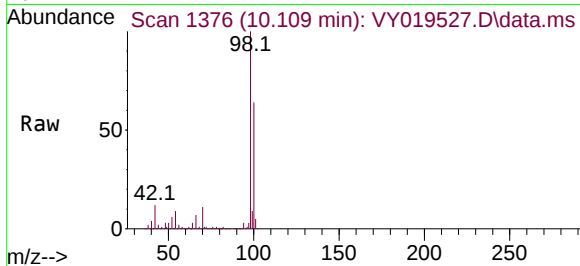




#50
Toluene-d8
Concen: 57.414 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019527.D
Acq: 12 Sep 2024 15:00

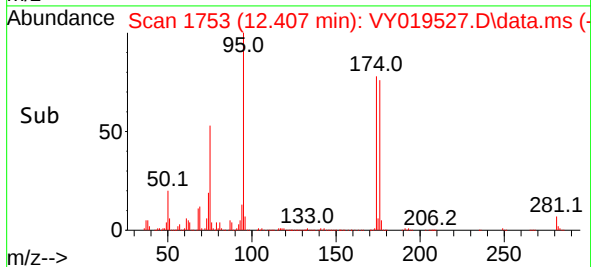
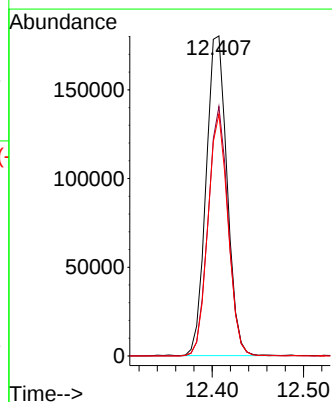
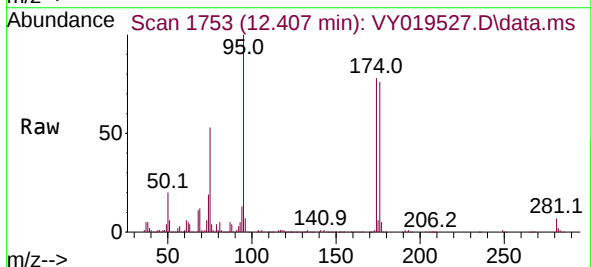
Instrument :
MSVOA_Y
ClientSampleId :

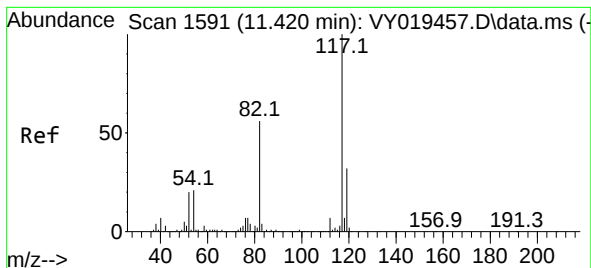
Tgt Ion: 98 Resp: 859229
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.695 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019527.D
Acq: 12 Sep 2024 15:00

Tgt Ion: 95 Resp: 285962
Ion Ratio Lower Upper
95 100
174 74.6 0.0 175.6
176 72.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019527.D

Acq: 12 Sep 2024 15:00

Instrument :

MSVOA_Y

ClientSampleId :

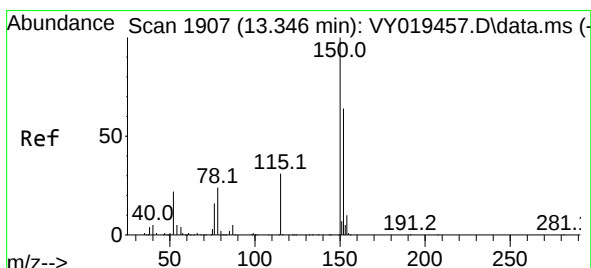
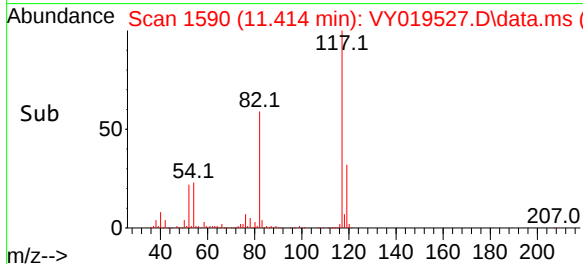
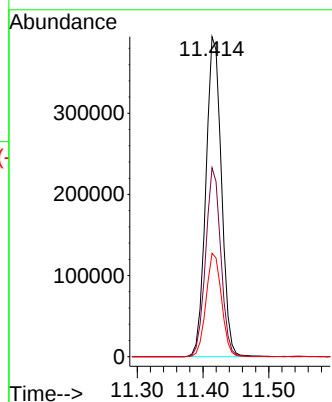
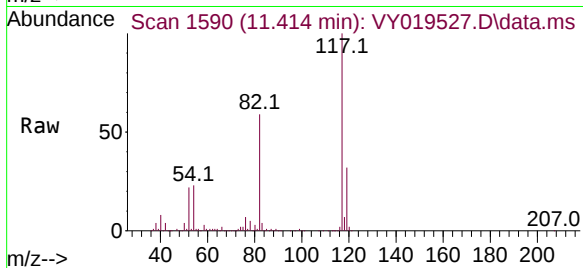
Tgt Ion:117 Resp: 648601

Ion Ratio Lower Upper

117 100

82 59.0 42.4 63.6

119 32.3 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: VY019527.D

Acq: 12 Sep 2024 15:00

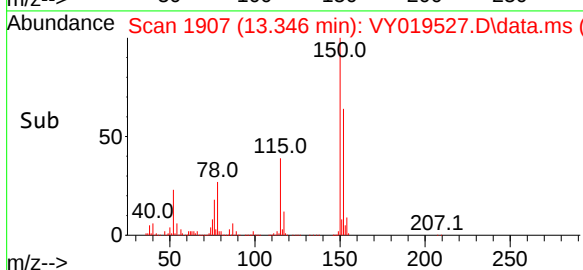
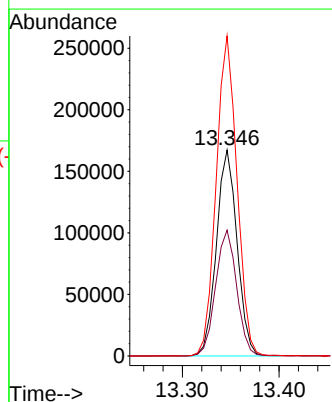
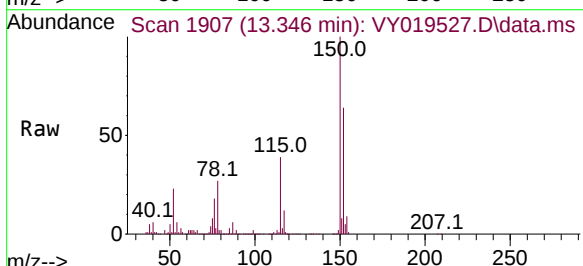
Tgt Ion:152 Resp: 248521

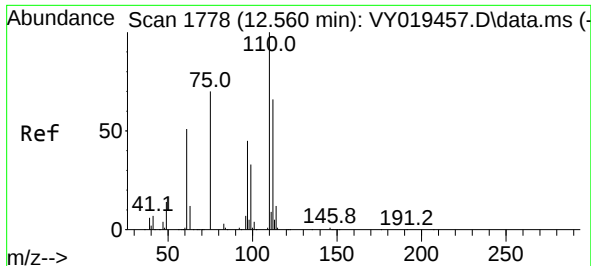
Ion Ratio Lower Upper

152 100

115 62.3 28.2 84.7

150 156.4 0.0 345.6

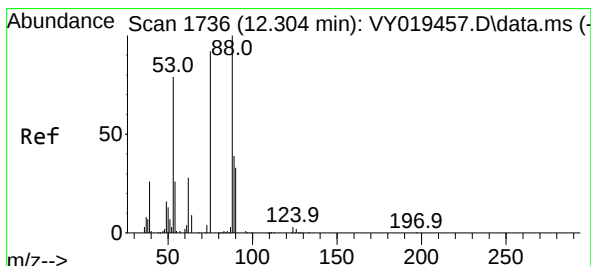
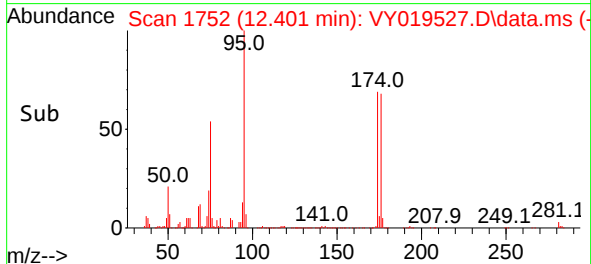
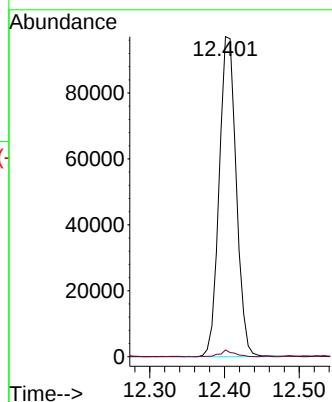
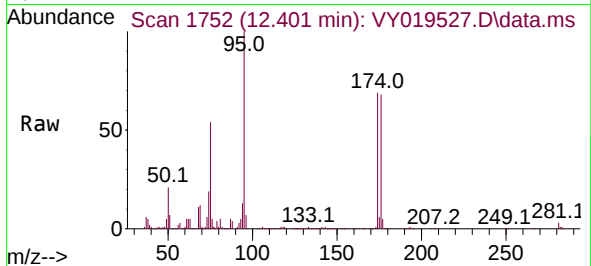




#76
1,2,3-Trichloropropane
Concen: 66.415 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019527.D
Acq: 12 Sep 2024 15:00

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 154704
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.497 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019527.D
Acq: 12 Sep 2024 15:00

Tgt Ion: 75 Resp: 154704
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.3 35.8 53.6#

