

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102224\
 Data File : VY019974.D
 Acq On : 22 Oct 2024 12:26
 Operator : SY/MD
 Sample : P4467-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 23 01:27:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

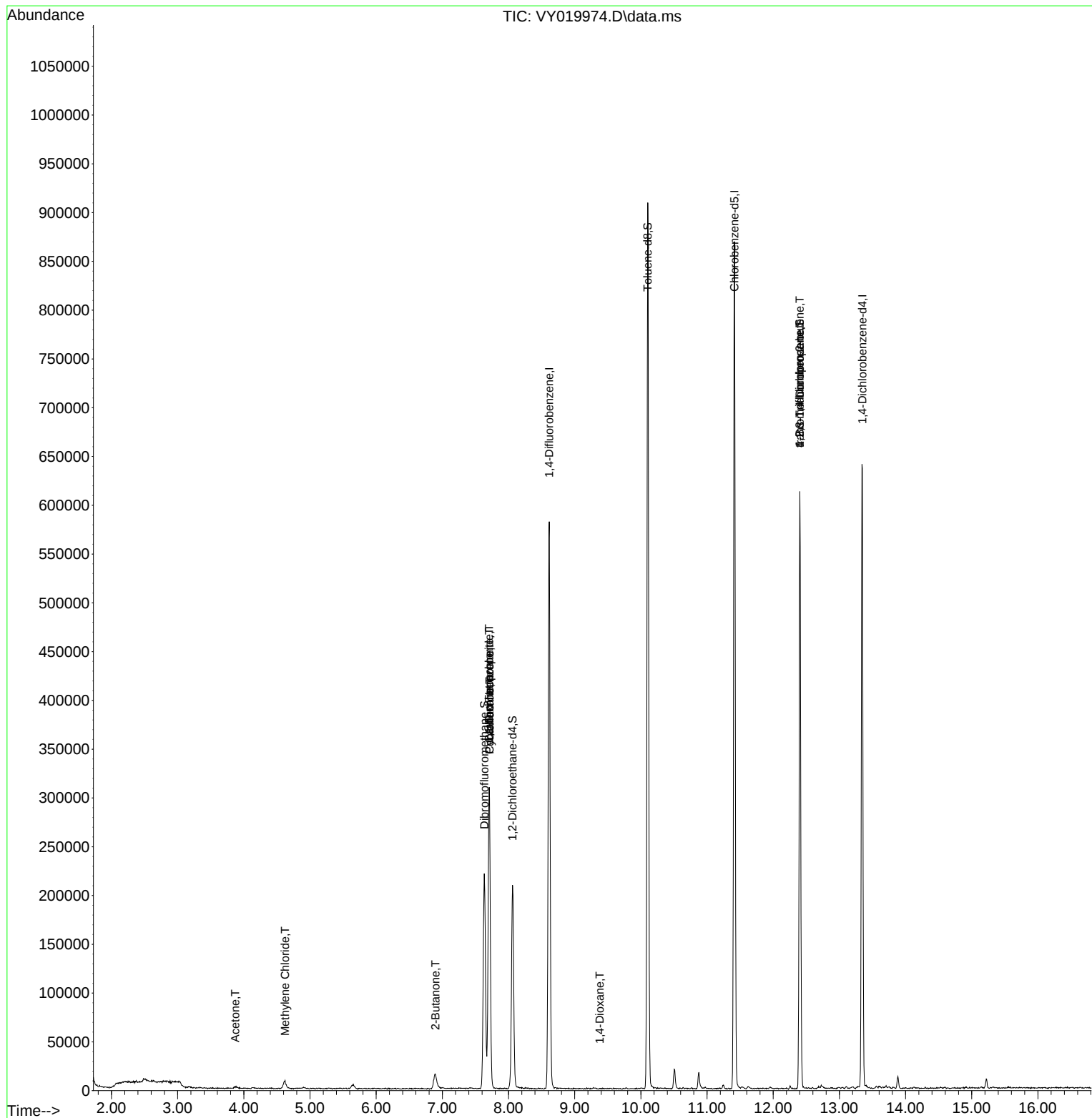
Internal Standards						
1) Pentafluorobenzene	7.713	168	217854	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	458881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	427187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	148963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	160442	59.812	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.620%	
35) Dibromofluoromethane	7.634	113	154596	51.054	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.100%	
50) Toluene-d8	10.103	98	568032	50.797	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	12.402	95	177789	44.001	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 88.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	606	Below Cal	#	88
16) Acetone	3.873	43	3273	4.687	ug/l	99
20) Methylene Chloride	4.622	84	4624	1.002	ug/l	# 80
25) 2-Butanone	6.896	43	1445	1.546	ug/l	# 41
31) Cyclohexane	7.713	56	6734	1.502	ug/l	# 59
36) 1,1-Dichloropropene	7.707	75	21028	4.820	ug/l	# 49
38) Carbon Tetrachloride	7.707	117	24578	5.255	ug/l	# 16
49) 1,4-Dioxane	9.378	88	26	1.287	ug/l	# 20
76) 1,2,3-Trichloropropane	12.402	75	102779	35.220	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	102779	142.163	ug/l	# 16

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

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QLast Update : Wed Oct 16 05:44:48 2024
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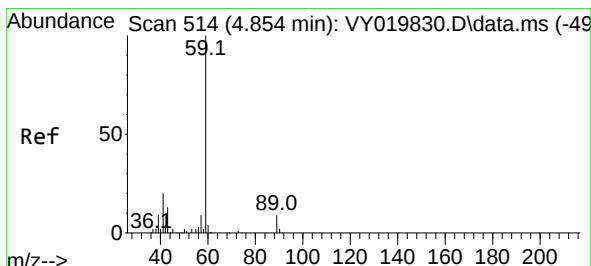
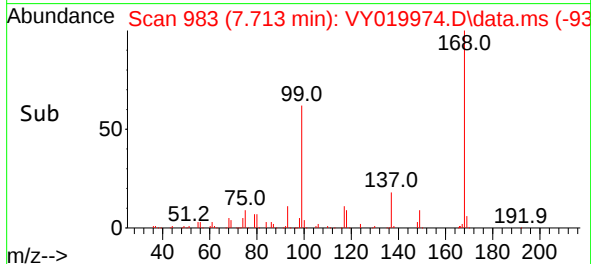
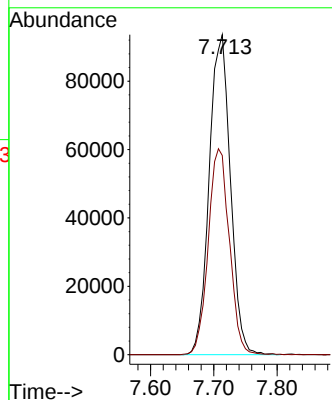
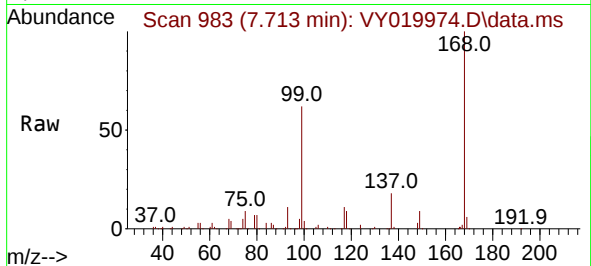




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019974.D
Acq: 22 Oct 2024 12:26

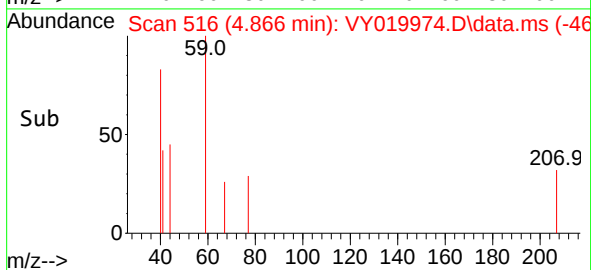
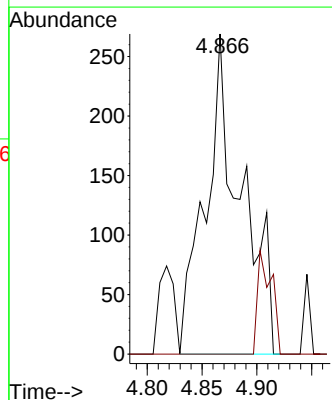
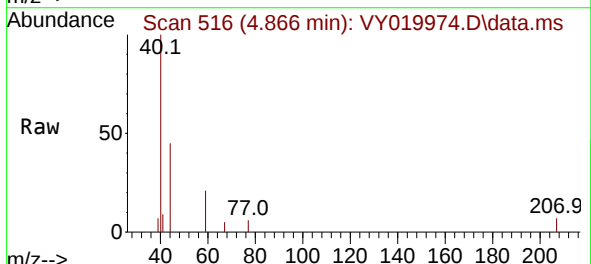
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 217854
Ion Ratio Lower Upper
168 100
99 62.3 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.866 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY019974.D
Acq: 22 Oct 2024 12:26

Tgt Ion: 59 Resp: 606
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

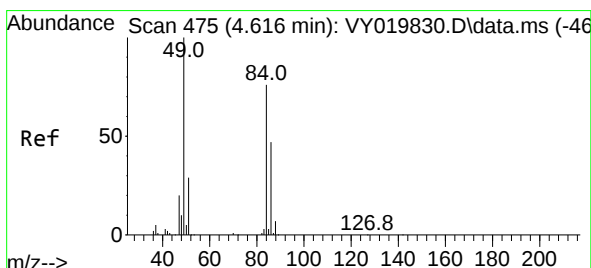
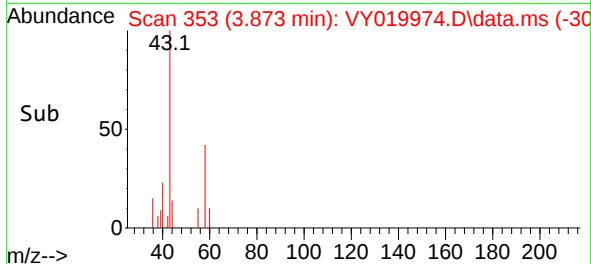
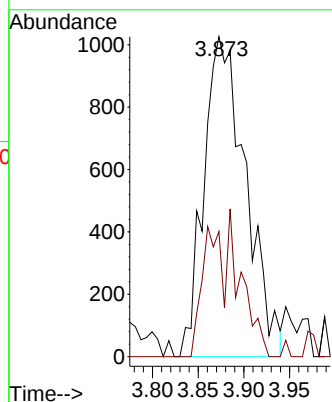
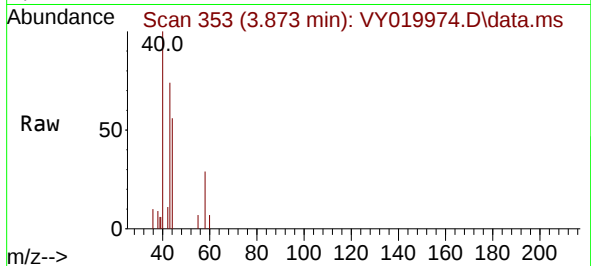




#16
Acetone
Concen: 4.687 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019974.D
Acq: 22 Oct 2024 12:26

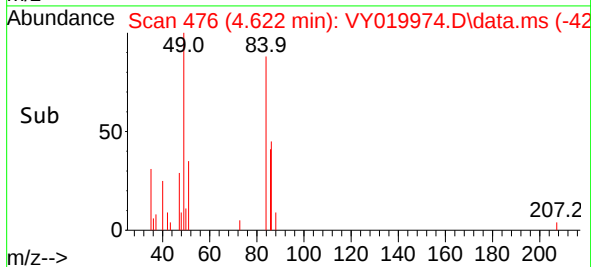
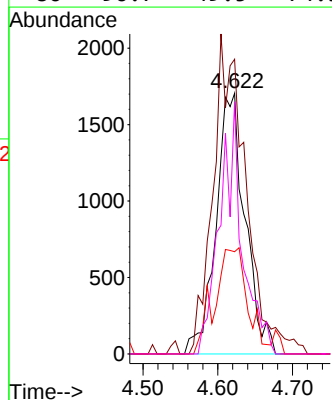
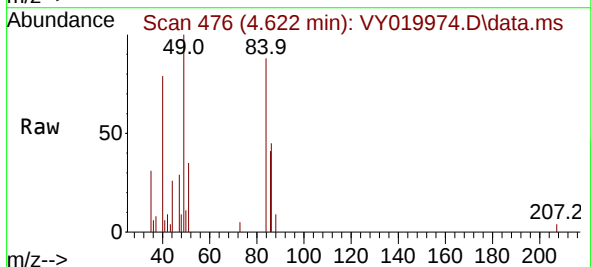
Instrument :
MSVOA_Y
ClientSampleId :

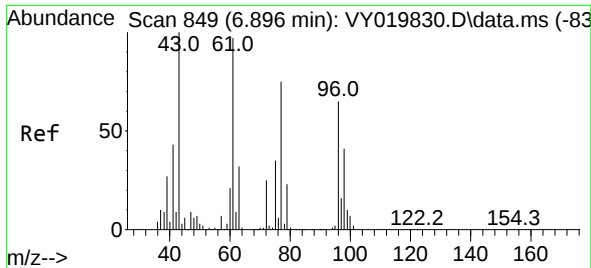
Tgt Ion: 43 Resp: 3273
Ion Ratio Lower Upper
43 100
58 39.1 31.7 47.5



#20
Methylene Chloride
Concen: 1.002 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019974.D
Acq: 22 Oct 2024 12:26

Tgt Ion: 84 Resp: 4624
Ion Ratio Lower Upper
84 100
49 113.1 84.4 126.6
51 39.2 26.0 39.0#
86 96.7 49.5 74.3#

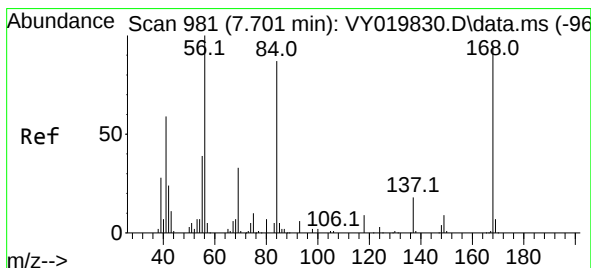
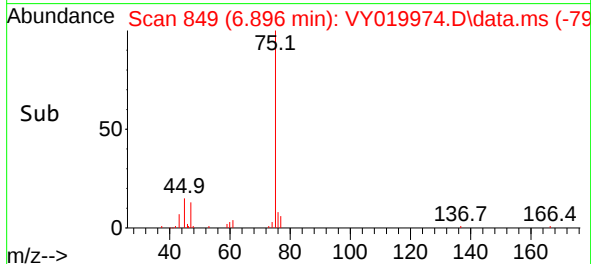
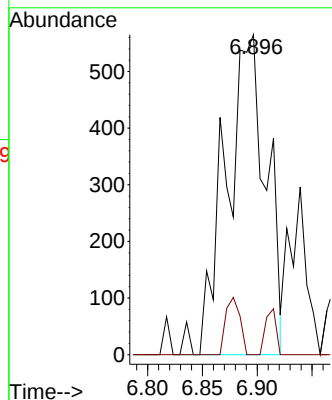
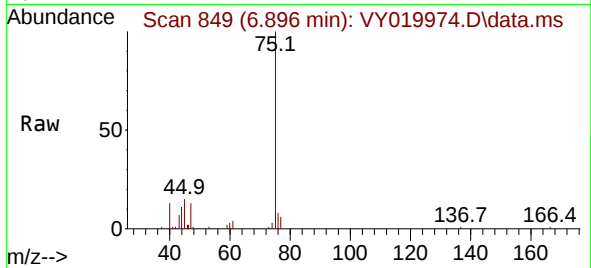




#25
2-Butanone
Concen: 1.546 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY019974.D
Acq: 22 Oct 2024 12:26

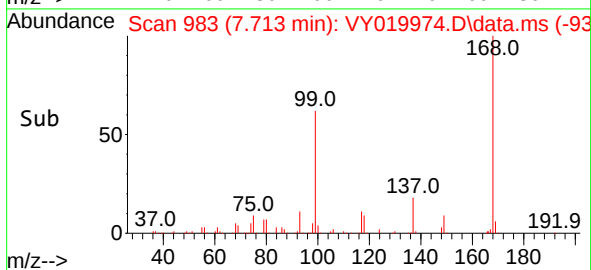
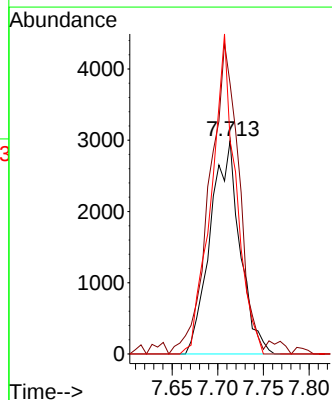
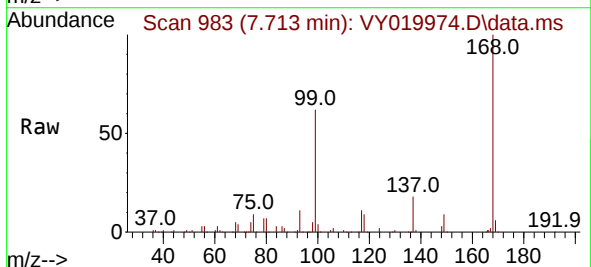
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1445
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.502 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.013 min
Lab File: VY019974.D
Acq: 22 Oct 2024 12:26

Tgt Ion: 56 Resp: 6734
Ion Ratio Lower Upper
56 100
69 121.4 28.7 43.1#
84 99.8 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 59.812 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019974.D

Acq: 22 Oct 2024 12:26

Instrument :

MSVOA_Y

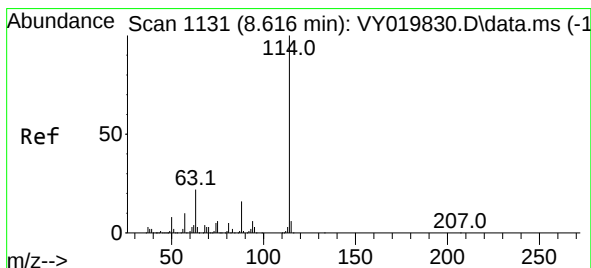
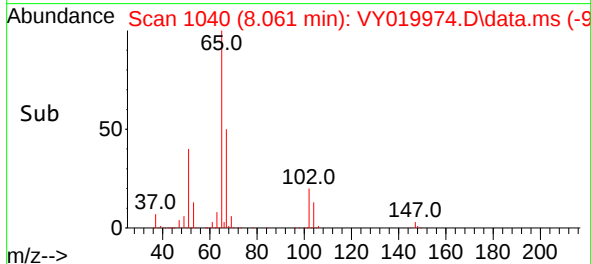
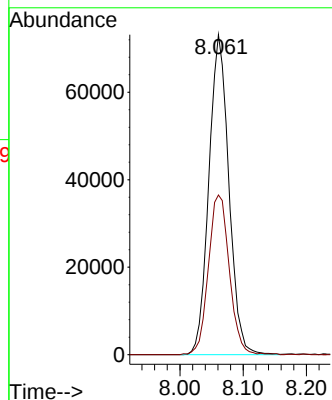
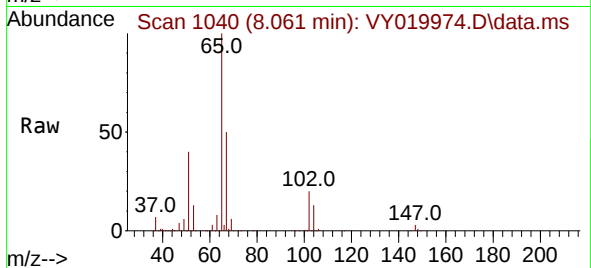
ClientSampleId :

Tgt Ion: 65 Resp: 160442

Ion Ratio Lower Upper

65 100

67 52.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019974.D

Acq: 22 Oct 2024 12:26

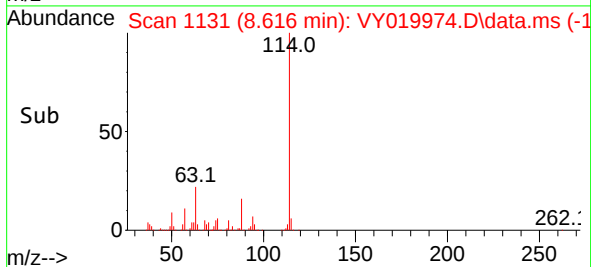
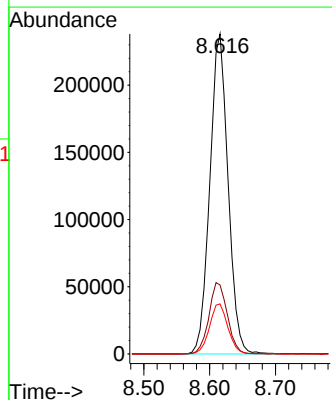
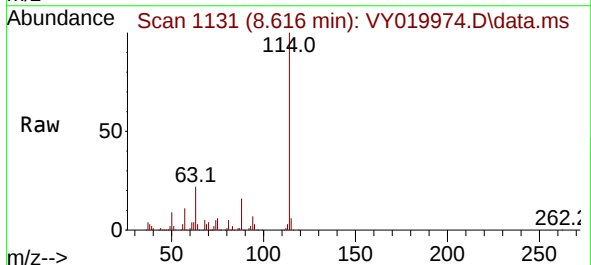
Tgt Ion:114 Resp: 458881

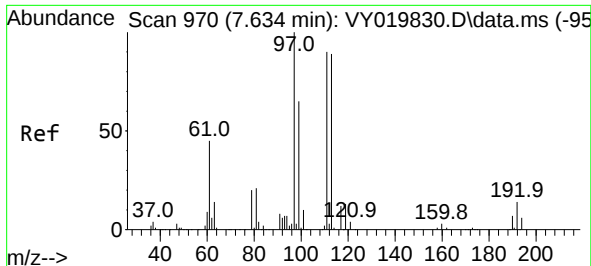
Ion Ratio Lower Upper

114 100

63 21.5 0.0 35.0

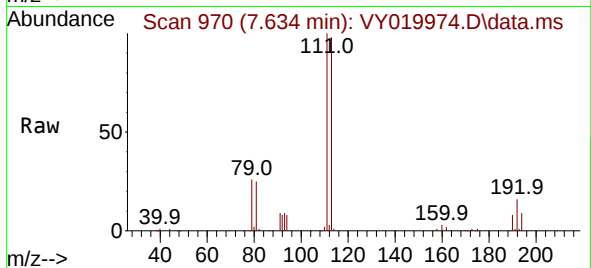
88 15.7 0.0 27.2



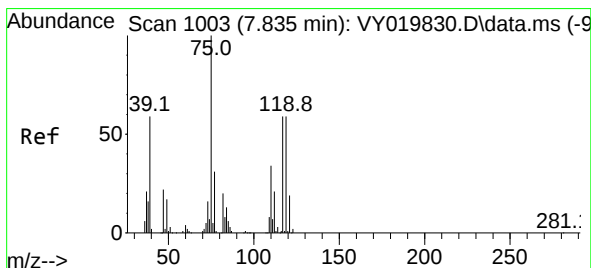
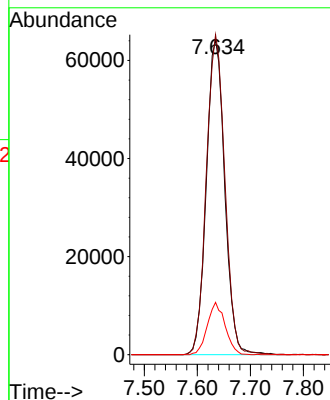
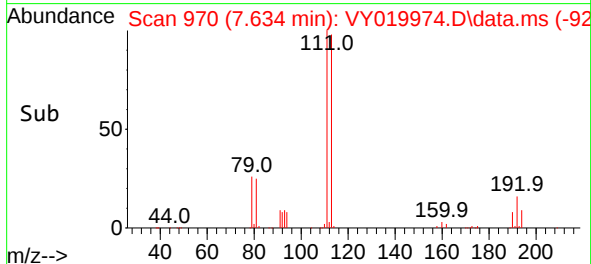


#35
Dibromofluoromethane
Concen: 51.054 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019974.D
Acq: 22 Oct 2024 12:26

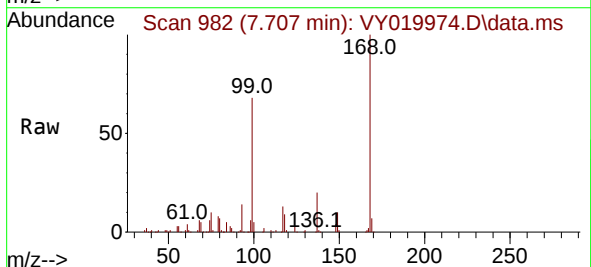
Instrument :
MSVOA_Y
ClientSampleId :



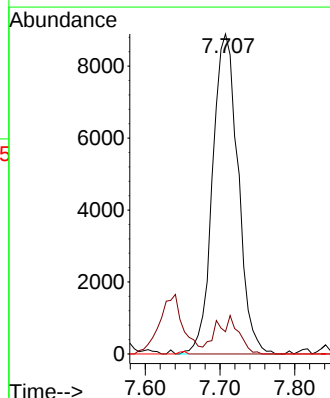
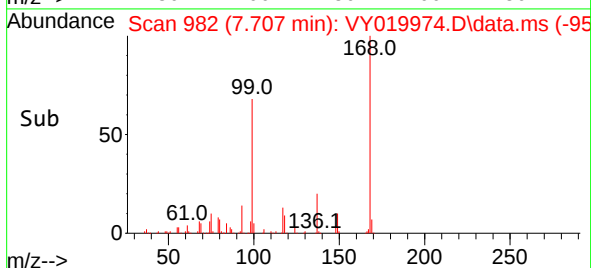
Tgt Ion:113 Resp: 154596
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 16.1 15.9 23.9

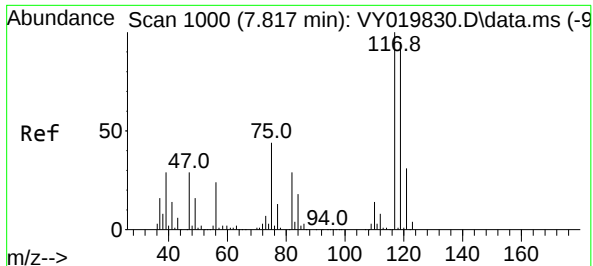


#36
1,1-Dichloropropene
Concen: 4.820 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019974.D
Acq: 22 Oct 2024 12:26



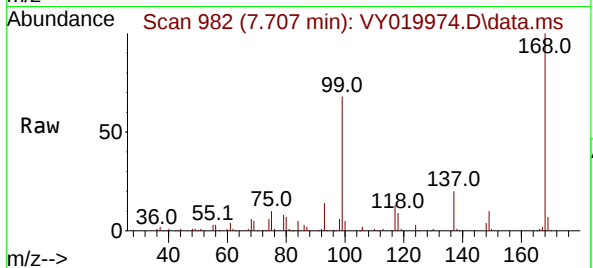
Tgt Ion: 75 Resp: 21028
Ion Ratio Lower Upper
75 100
110 10.5 19.0 57.0#
77 0.0 25.3 37.9#



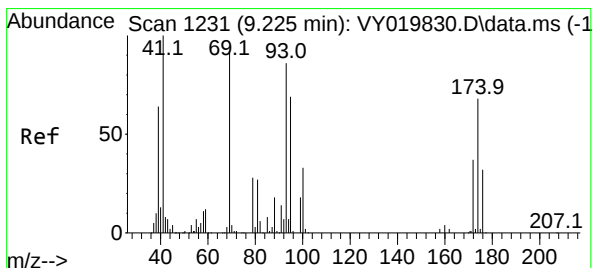
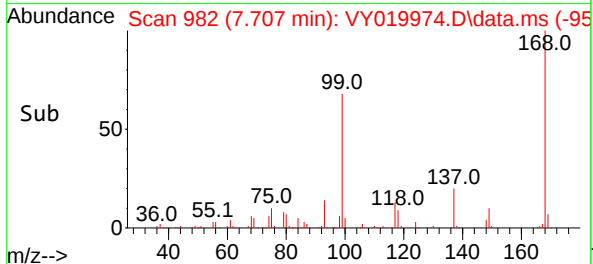
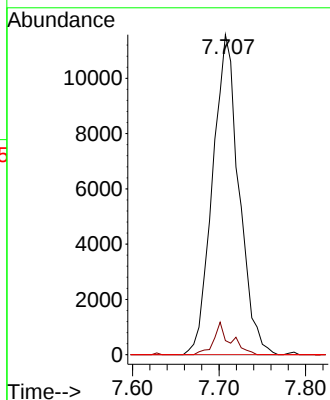


#38
Carbon Tetrachloride
Concen: 5.255 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019974.D
Acq: 22 Oct 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :

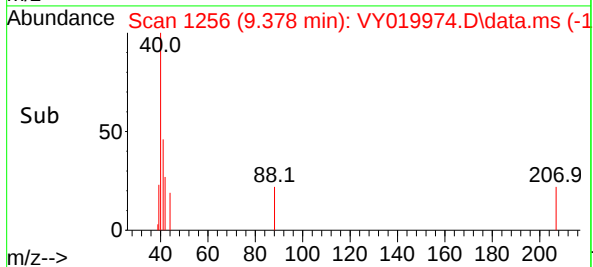
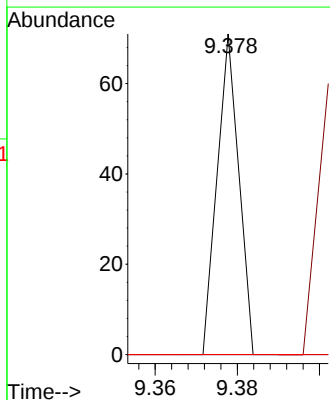
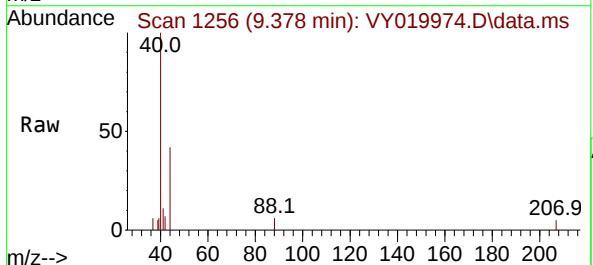


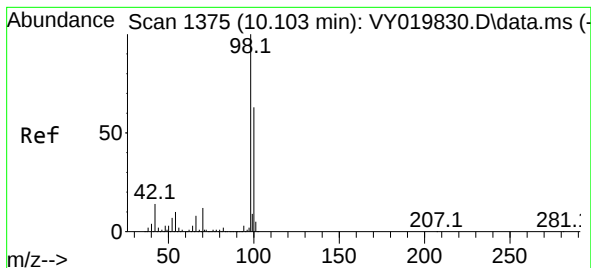
Tgt Ion:117 Resp: 24578
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.287 ug/l
RT: 9.378 min Scan# 1256
Delta R.T. 0.147 min
Lab File: VY019974.D
Acq: 22 Oct 2024 12:26

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

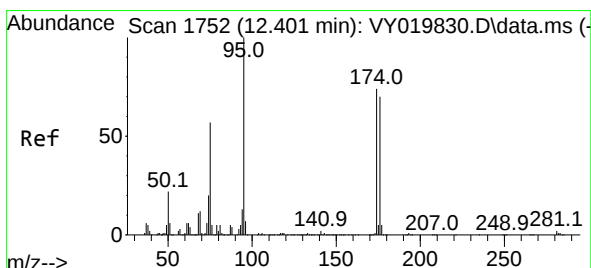
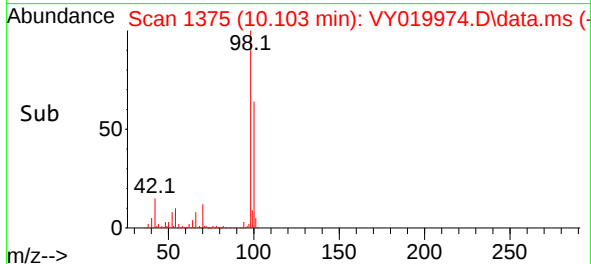
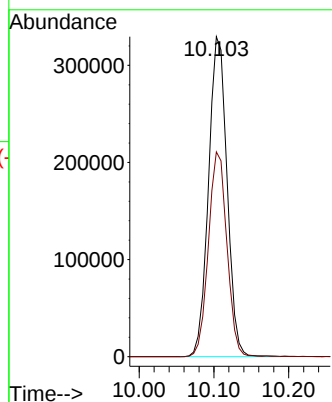
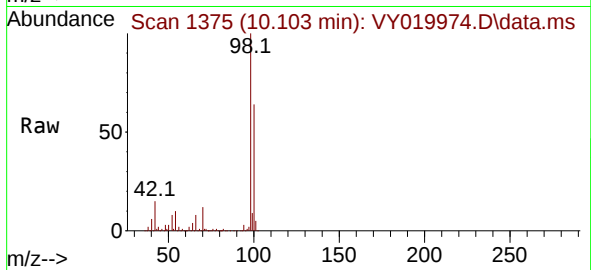




#50
Toluene-d8
Concen: 50.797 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019974.D
Acq: 22 Oct 2024 12:26

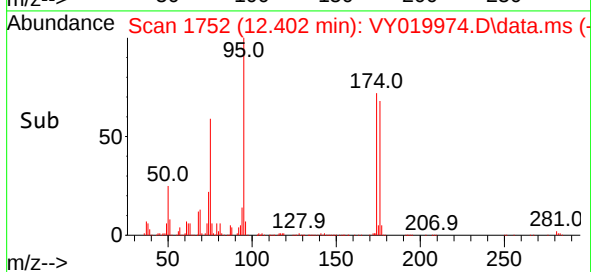
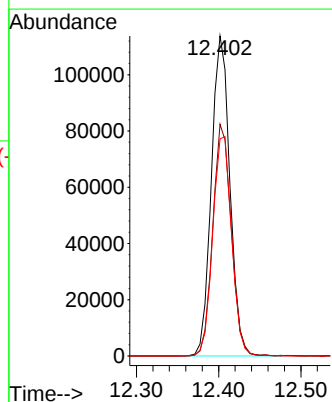
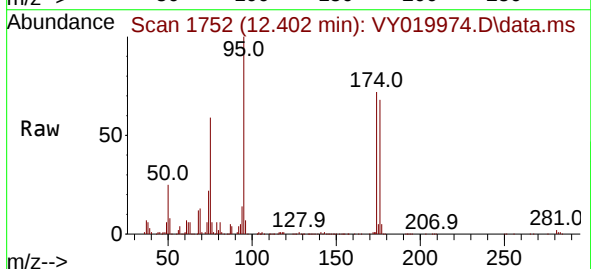
Instrument :
MSVOA_Y
ClientSampleId :

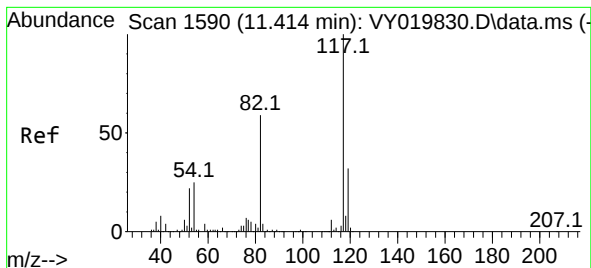
Tgt Ion: 98 Resp: 568032
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.001 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019974.D
Acq: 22 Oct 2024 12:26

Tgt Ion: 95 Resp: 177789
Ion Ratio Lower Upper
95 100
174 72.4 0.0 175.6
176 70.1 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: VY019974.D

Acq: 22 Oct 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

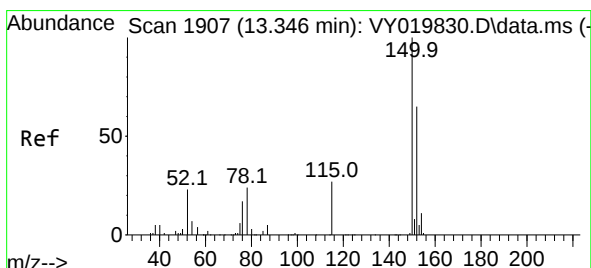
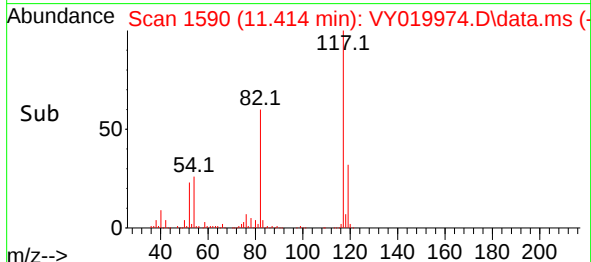
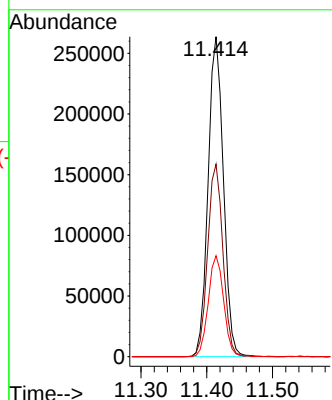
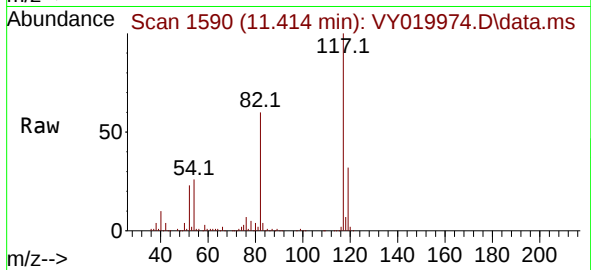
Tgt Ion:117 Resp: 427187

Ion Ratio Lower Upper

117 100

82 60.1 42.4 63.6

119 31.5 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: VY019974.D

Acq: 22 Oct 2024 12:26

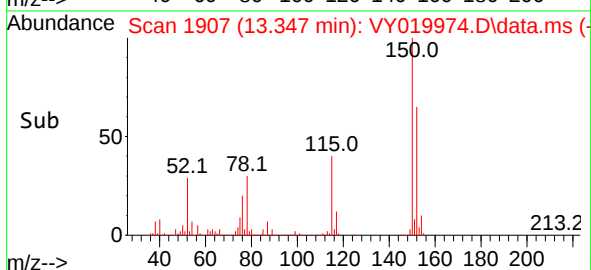
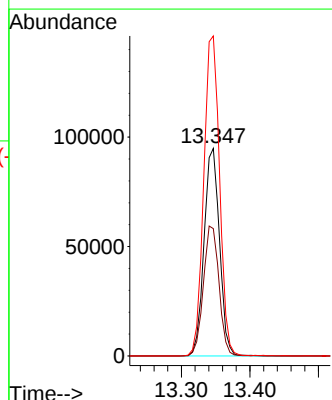
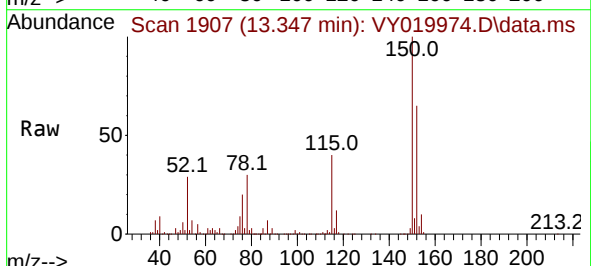
Tgt Ion:152 Resp: 148963

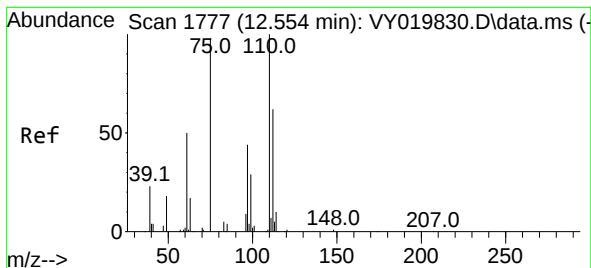
Ion Ratio Lower Upper

152 100

115 63.4 28.2 84.7

150 157.6 0.0 345.6

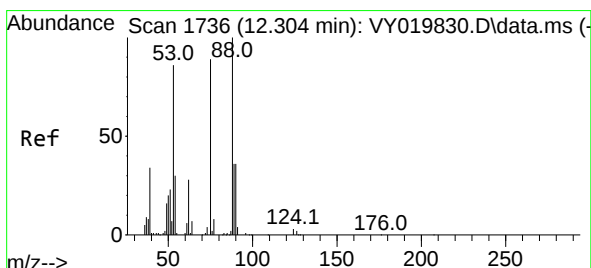
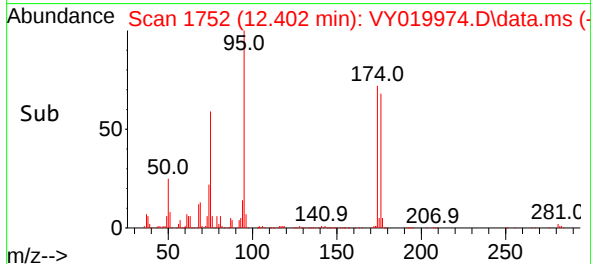
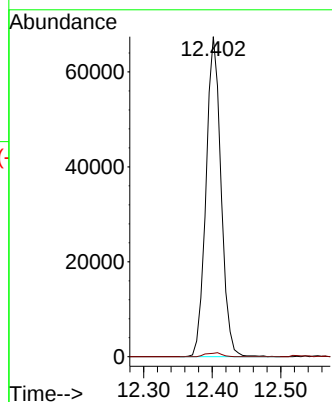
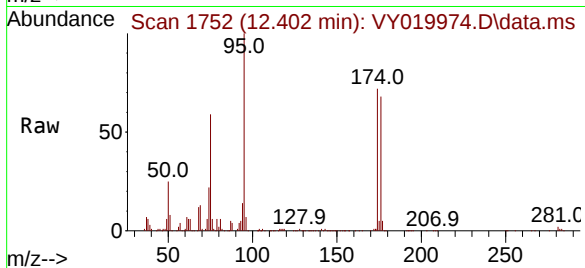




#76
1,2,3-Trichloropropane
Concen: 35.220 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019974.D
Acq: 22 Oct 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 102779
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 142.163 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019974.D
Acq: 22 Oct 2024 12:26

Tgt Ion: 75 Resp: 102779
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

