

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
 Data File : VY019773.D
 Acq On : 02 Oct 2024 18:29
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 03 02:08:33 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)

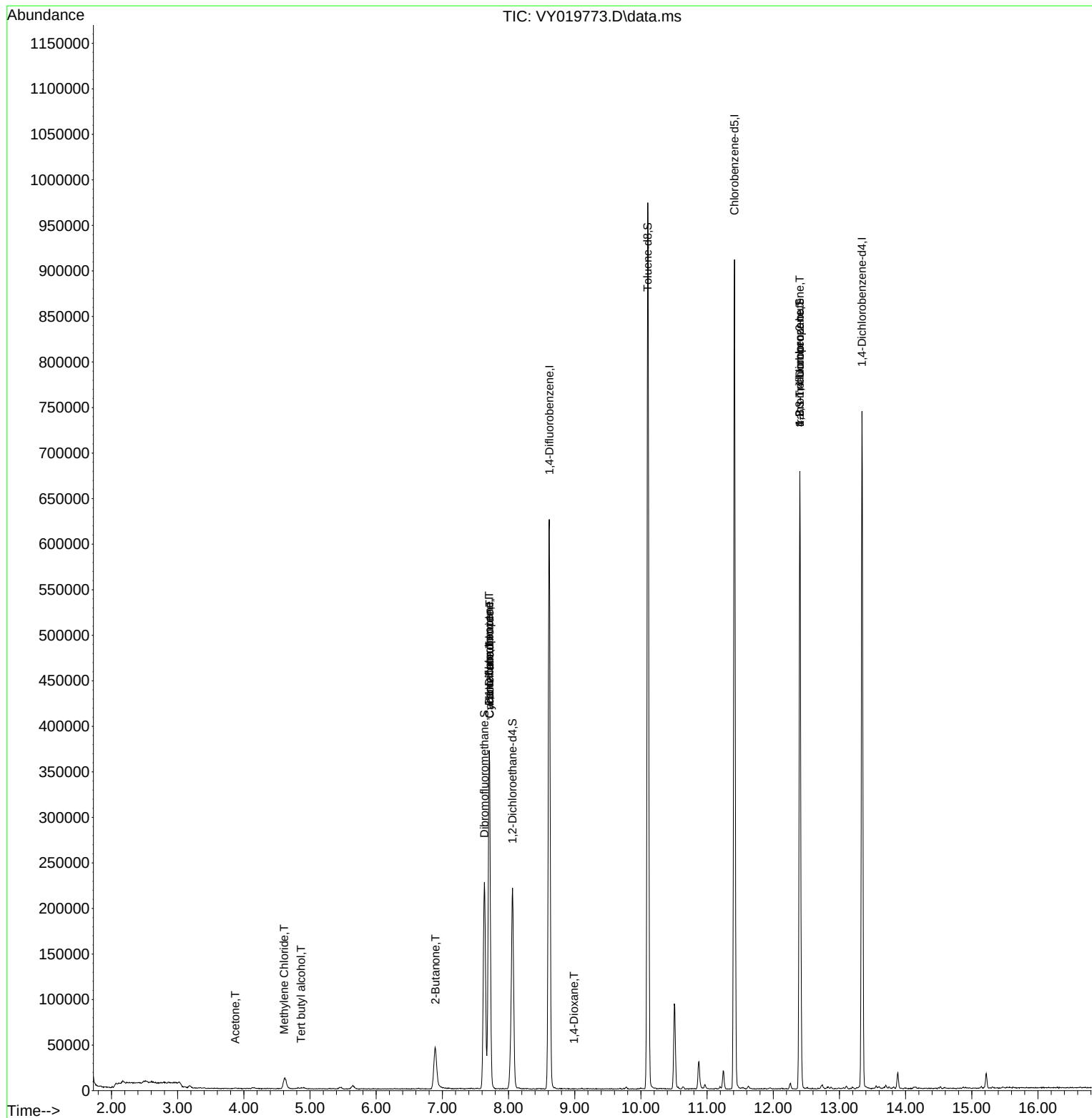
Internal Standards						
1) Pentafluorobenzene	7.707	168	269385	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	521382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	460782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	174782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	152764	61.242	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.480%	
35) Dibromofluoromethane	7.634	113	163436	55.287	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.580%	
50) Toluene-d8	10.103	98	624523	57.117	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.240%	
62) 4-Bromofluorobenzene	12.402	95	202929	48.268	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.540%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.855	85	127	Below Cal	#	43
11) Tert butyl alcohol	4.866	59	923	4.582	ug/l #	92
13) Acrolein	3.635	56	19	Below Cal	#	31
16) Acetone	3.873	43	1427	2.401	ug/l #	68
20) Methylene Chloride	4.610	84	8775	3.238	ug/l	92
25) 2-Butanone	6.897	43	3476	4.113	ug/l #	50
31) Cyclohexane	7.713	56	6671	1.494	ug/l #	8
36) 1,1-Dichloropropene	7.707	75	24453	6.079	ug/l #	47
38) Carbon Tetrachloride	7.713	117	29432	6.488	ug/l #	16
49) 1,4-Dioxane	8.988	88	27	1.385	ug/l #	20
76) 1,2,3-Trichloropropane	12.402	75	110244	67.295	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	110244	129.187	ug/l #	16

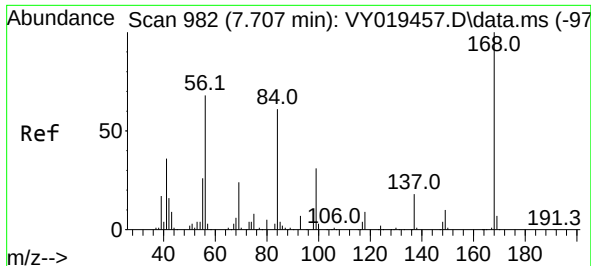
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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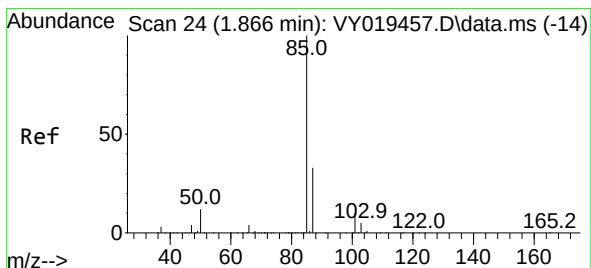
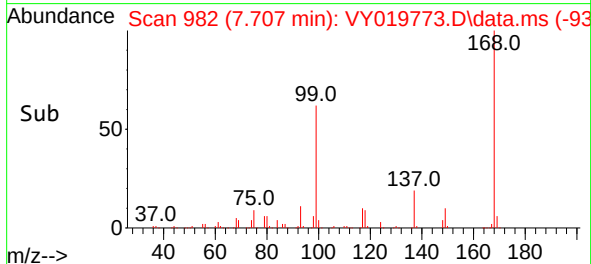
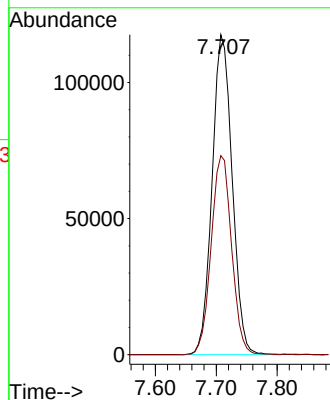
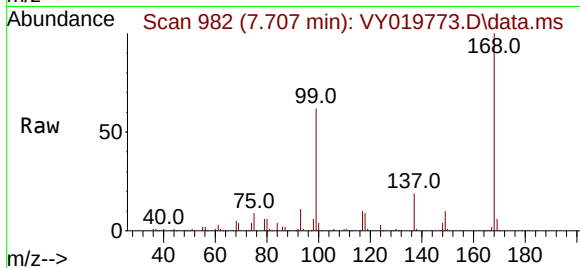




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019773.D
Acq: 02 Oct 2024 18:29

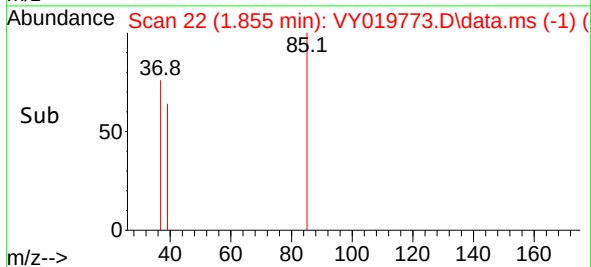
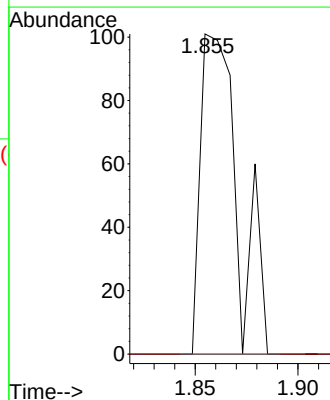
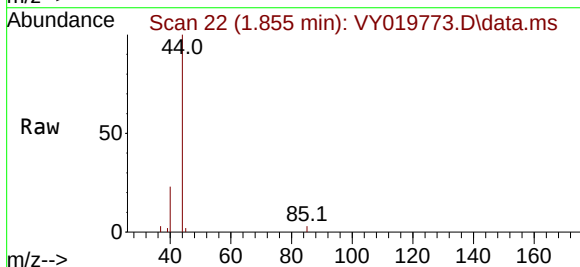
Instrument :
MSVOA_Y
ClientSampleId :

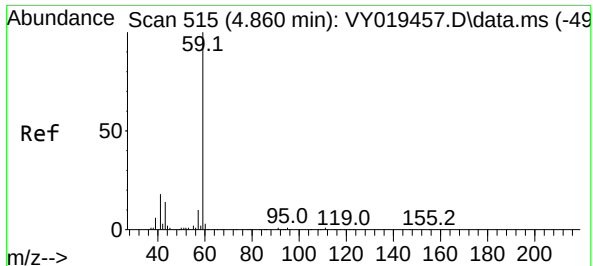
Tgt Ion:168 Resp: 269385
Ion Ratio Lower Upper
168 100
99 62.2 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.855 min Scan# 22
Delta R.T. -0.011 min
Lab File: VY019773.D
Acq: 02 Oct 2024 18:29

Tgt Ion: 85 Resp: 127
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

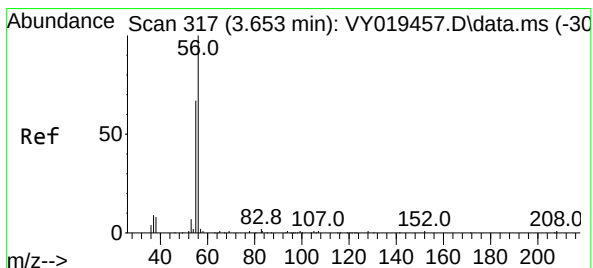
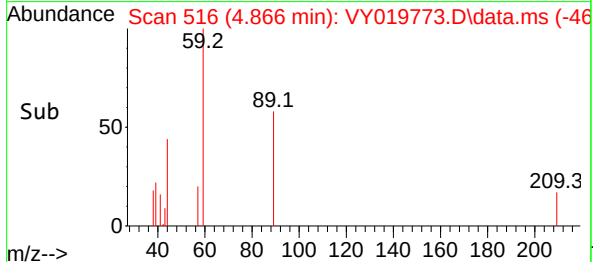
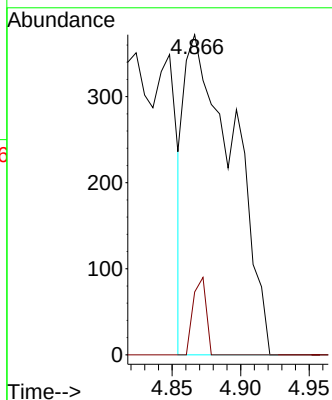
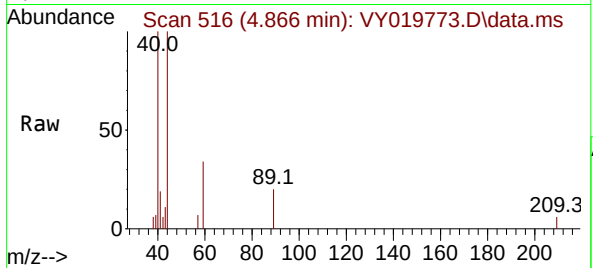




#11
Tert butyl alcohol
Concen: 4.582 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.007 min
Lab File: VY019773.D
Acq: 02 Oct 2024 18:29

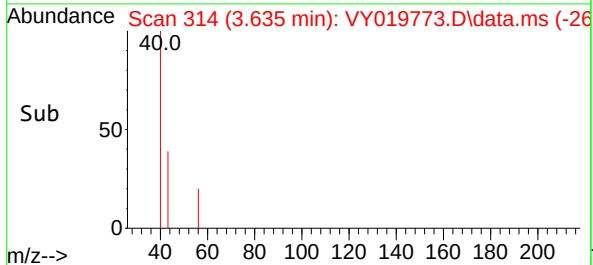
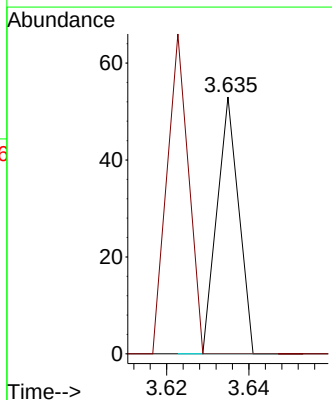
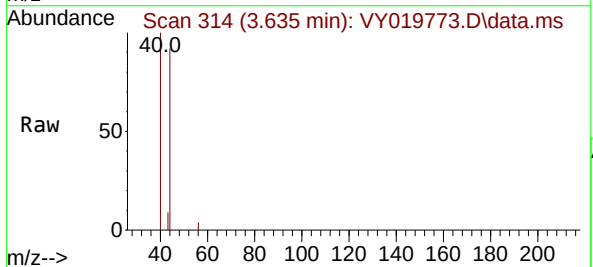
Instrument :
MSVOA_Y
ClientSampleId :

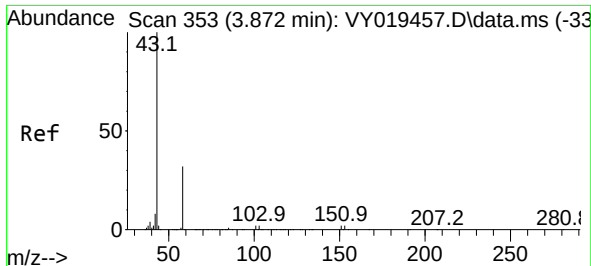
Tgt Ion: 59 Resp: 923
Ion Ratio Lower Upper
59 100
57 6.5 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.635 min Scan# 314
Delta R.T. -0.018 min
Lab File: VY019773.D
Acq: 02 Oct 2024 18:29

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 126.3 55.7 83.5#

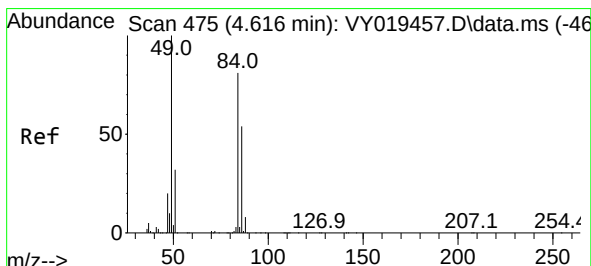
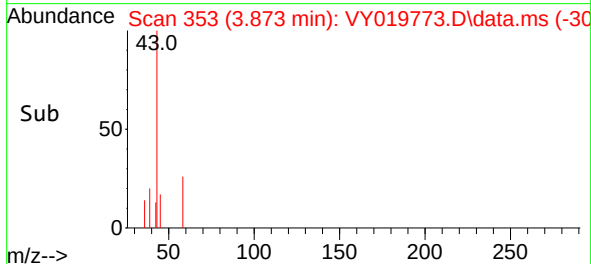
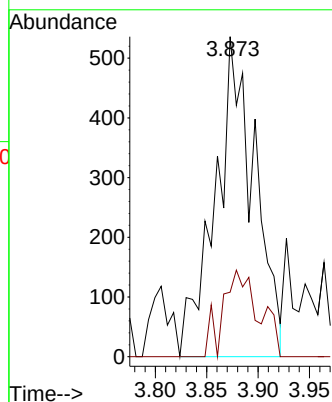
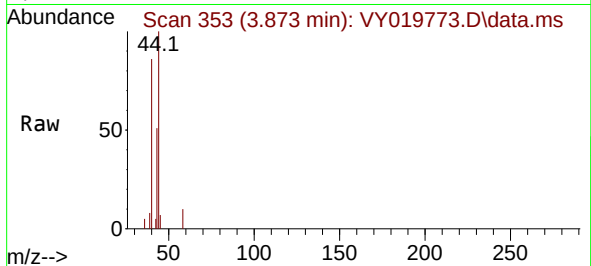




#16
Acetone
Concen: 2.401 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019773.D
Acq: 02 Oct 2024 18:29

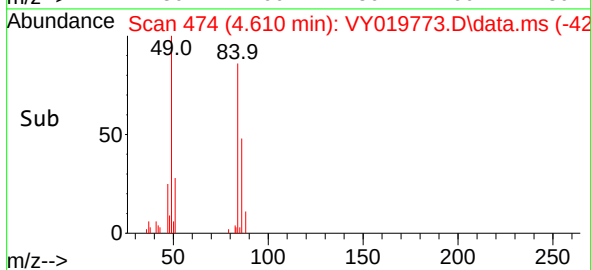
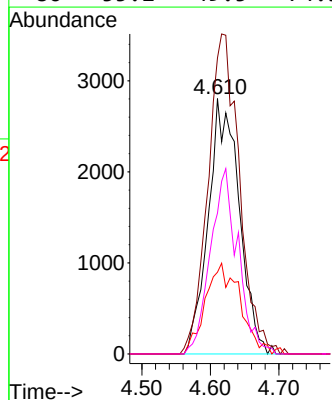
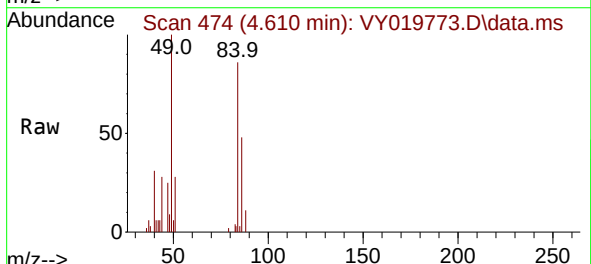
Instrument :
MSVOA_Y
ClientSampleId :

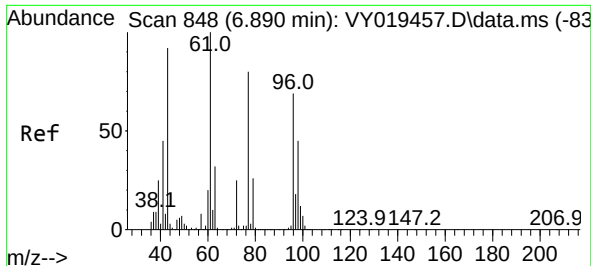
Tgt Ion: 43 Resp: 1427
Ion Ratio Lower Upper
43 100
58 20.1 31.7 47.5#



#20
Methylene Chloride
Concen: 3.238 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019773.D
Acq: 02 Oct 2024 18:29

Tgt Ion: 84 Resp: 8775
Ion Ratio Lower Upper
84 100
49 115.9 84.4 126.6
51 32.0 26.0 39.0
86 55.2 49.5 74.3

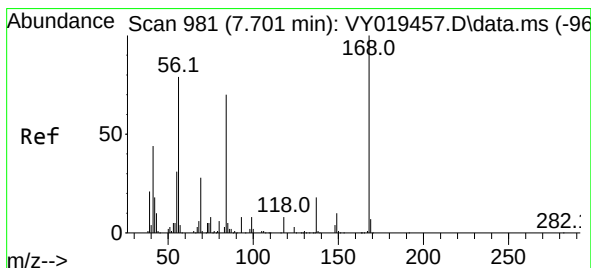
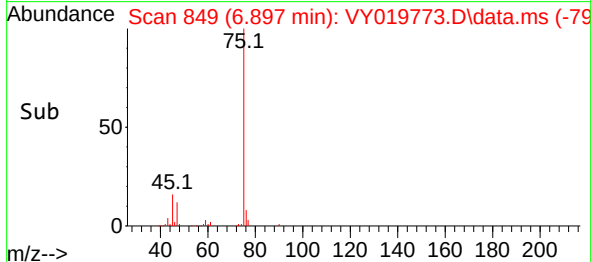
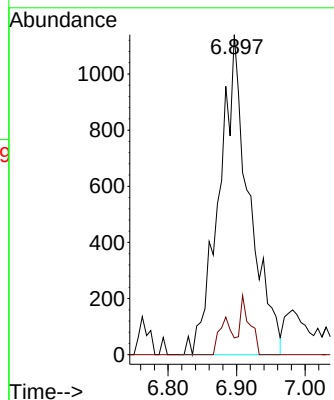
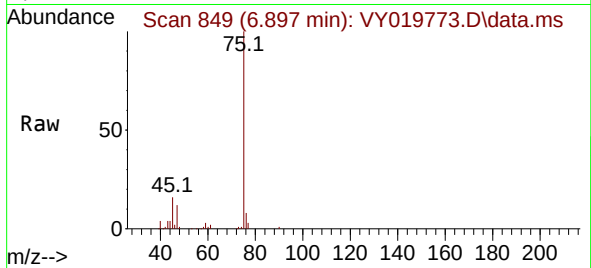




#25
2-Butanone
Concen: 4.113 ug/l
RT: 6.897 min Scan# 848
Delta R.T. 0.007 min
Lab File: VY019773.D
Acq: 02 Oct 2024 18:29

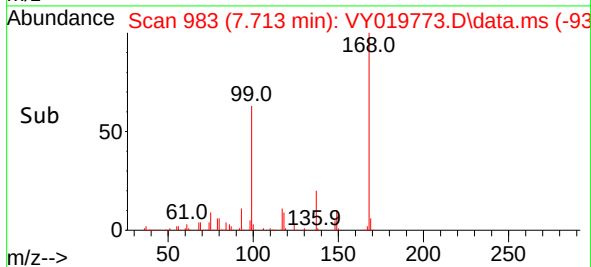
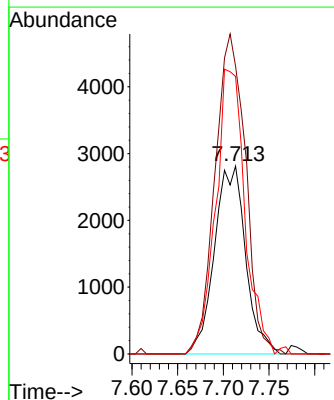
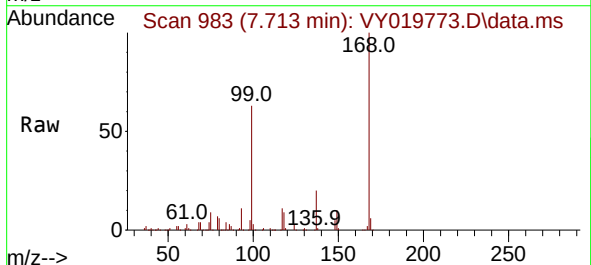
Instrument :
MSVOA_Y
ClientSampleId :

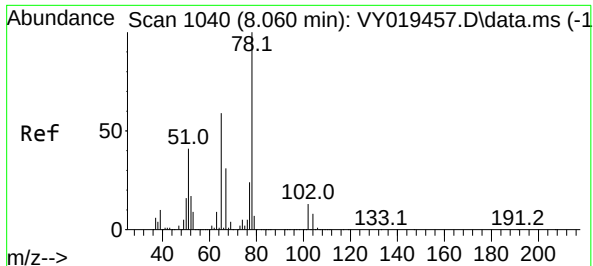
Tgt Ion: 43 Resp: 3476
Ion Ratio Lower Upper
43 100
72 5.3 27.3 40.9#



#31
Cyclohexane
Concen: 1.494 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.013 min
Lab File: VY019773.D
Acq: 02 Oct 2024 18:29

Tgt Ion: 56 Resp: 6671
Ion Ratio Lower Upper
56 100
69 153.3 28.7 43.1#
84 147.8 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 61.242 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019773.D

Acq: 02 Oct 2024 18:29

Instrument :

MSVOA_Y

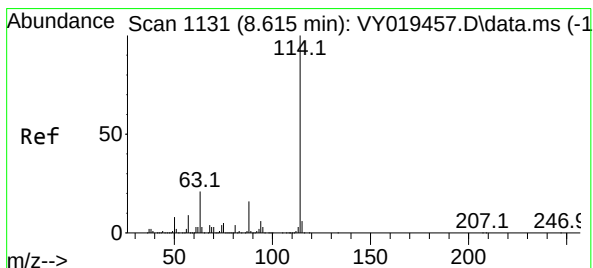
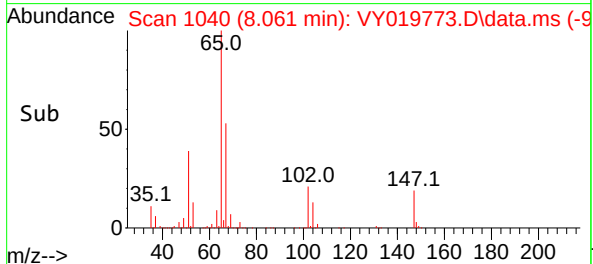
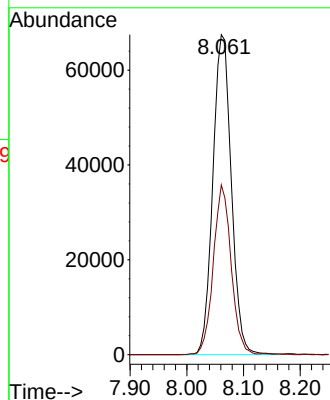
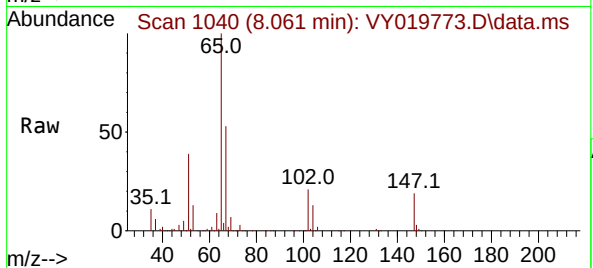
ClientSampleId :

Tgt Ion: 65 Resp: 152764

Ion Ratio Lower Upper

65 100

67 51.1 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: VY019773.D

Acq: 02 Oct 2024 18:29

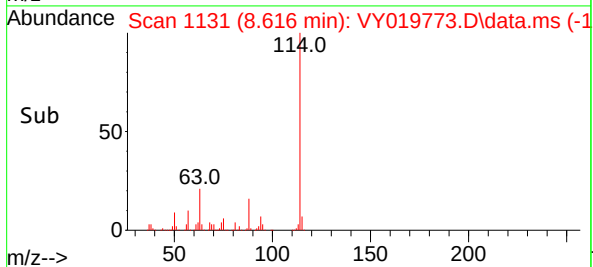
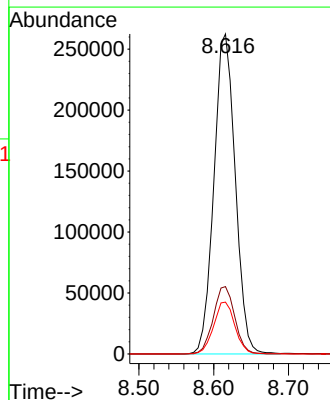
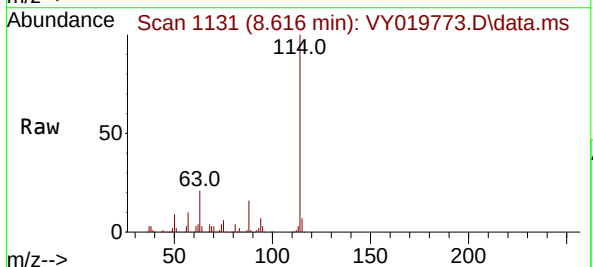
Tgt Ion: 114 Resp: 521382

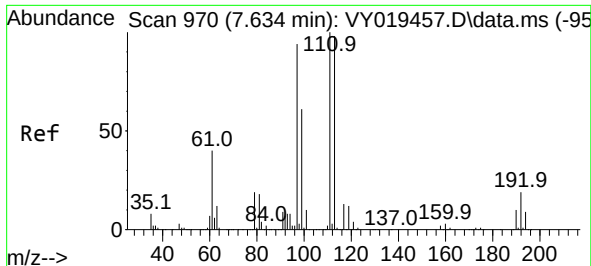
Ion Ratio Lower Upper

114 100

63 21.1 0.0 35.0

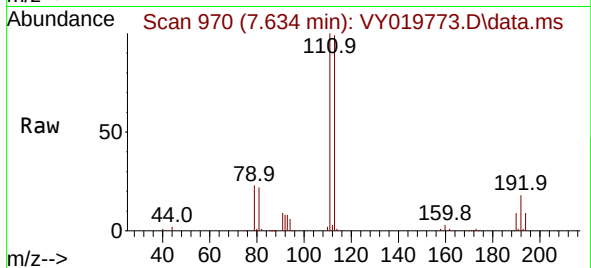
88 16.2 0.0 27.2



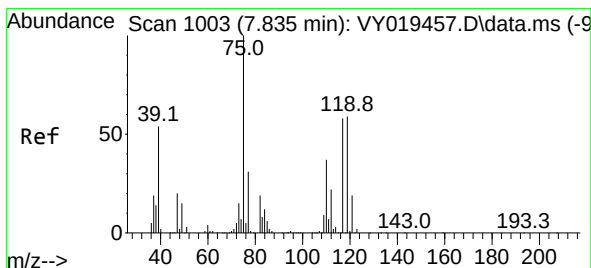
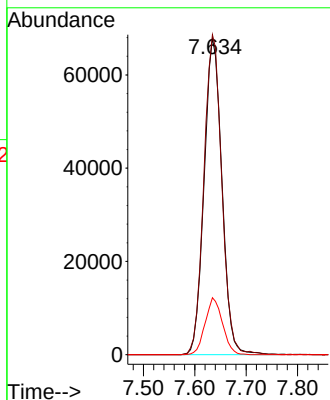
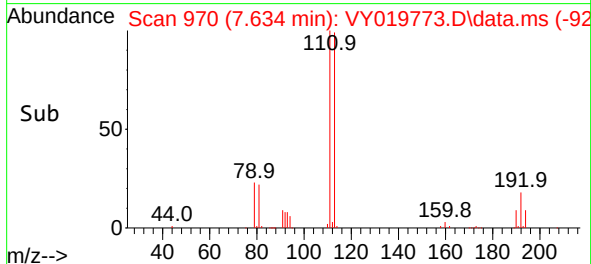


#35
Dibromofluoromethane
Concen: 55.287 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019773.D
Acq: 02 Oct 2024 18:29

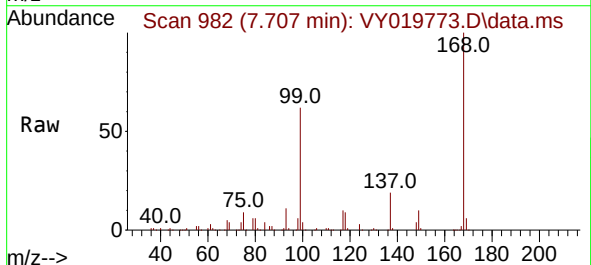
Instrument :
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ClientSampleId :



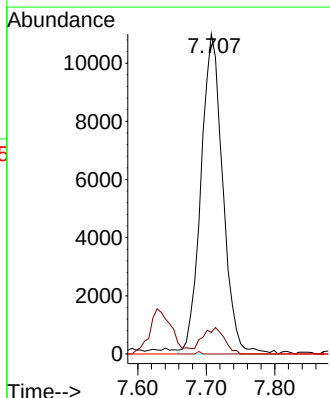
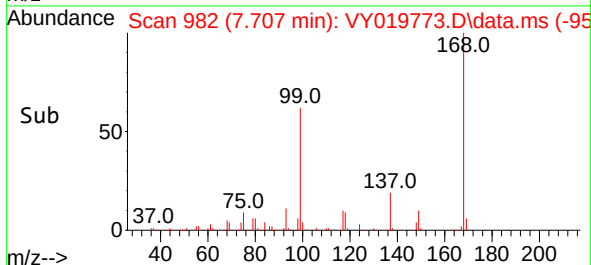
Tgt Ion:113 Resp: 163436
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 17.5 15.9 23.9

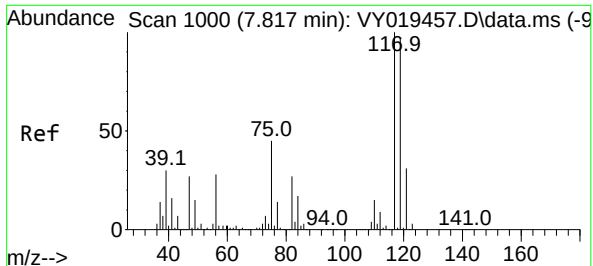


#36
1,1-Dichloropropene
Concen: 6.079 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019773.D
Acq: 02 Oct 2024 18:29



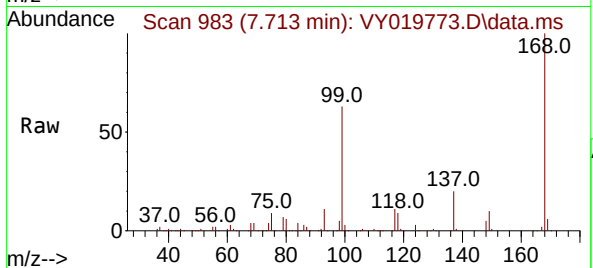
Tgt Ion: 75 Resp: 24453
Ion Ratio Lower Upper
75 100
110 8.4 19.0 57.0#
77 0.0 25.3 37.9#



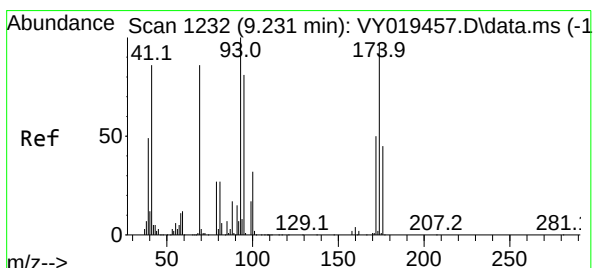
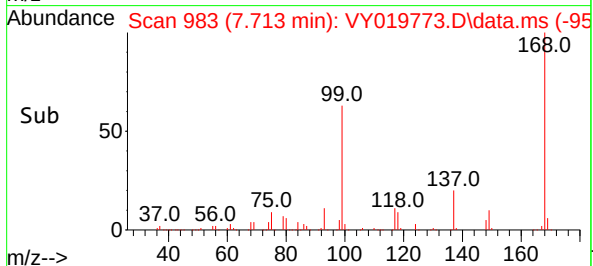
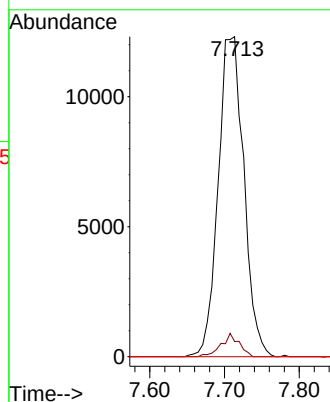


#38
Carbon Tetrachloride
Concen: 6.488 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019773.D
Acq: 02 Oct 2024 18:29

Instrument :
MSVOA_Y
ClientSampleId :

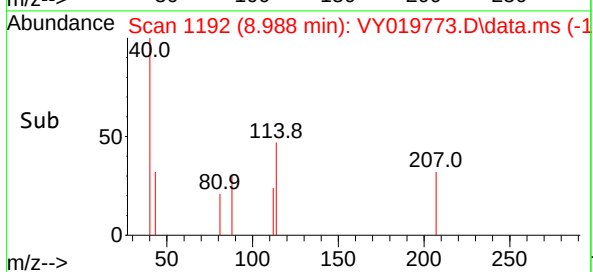
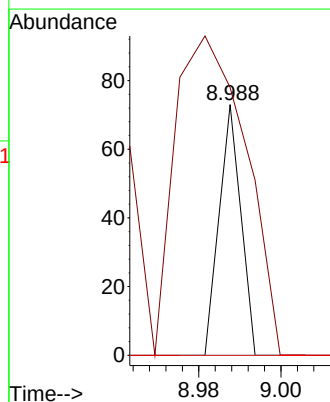
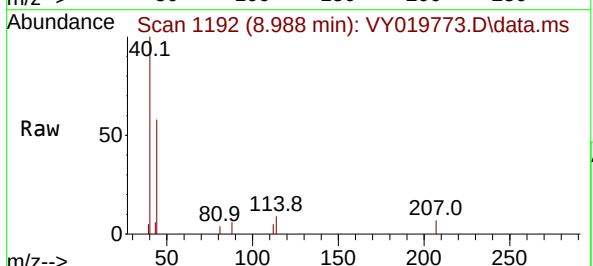


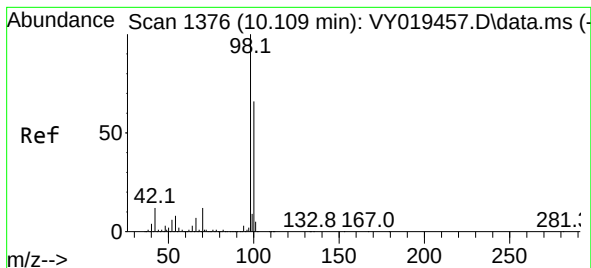
Tgt Ion:117 Resp: 29432
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.385 ug/l
RT: 8.988 min Scan# 1192
Delta R.T. -0.243 min
Lab File: VY019773.D
Acq: 02 Oct 2024 18:29

Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 411.1 0.0 0.0#
58 0.0 49.3 73.9#

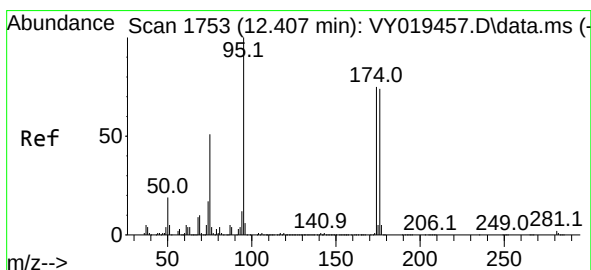
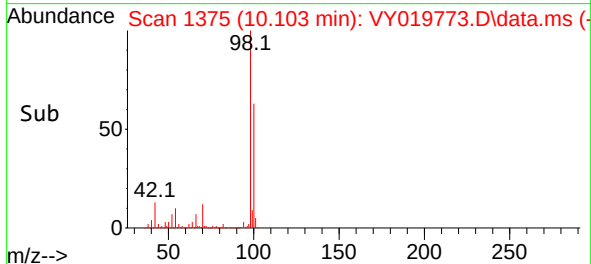
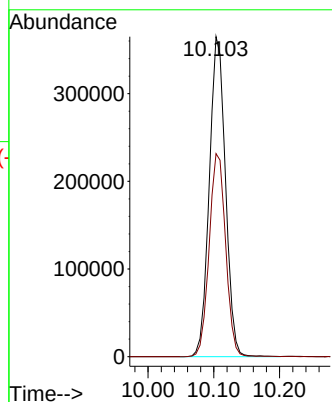
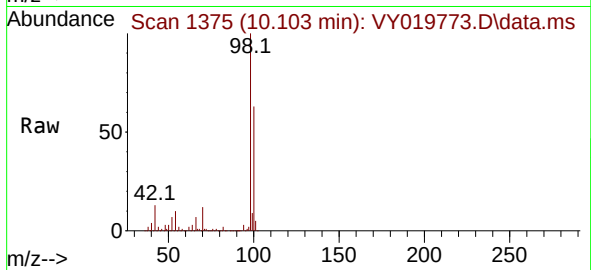




#50
Toluene-d8
Concen: 57.117 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019773.D
Acq: 02 Oct 2024 18:29

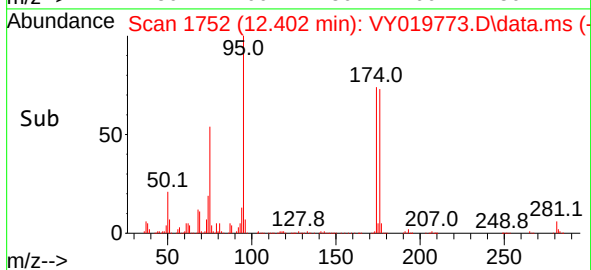
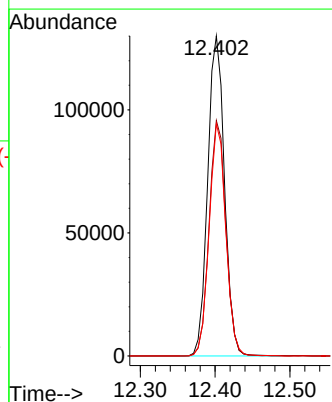
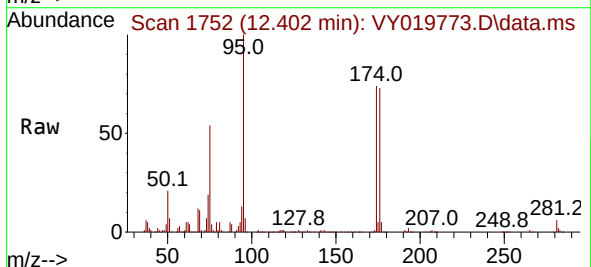
Instrument :
MSVOA_Y
ClientSampleId :

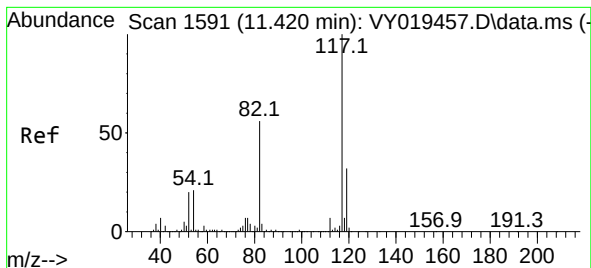
Tgt Ion: 98 Resp: 624523
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.268 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019773.D
Acq: 02 Oct 2024 18:29

Tgt Ion: 95 Resp: 202929
Ion Ratio Lower Upper
95 100
174 73.5 0.0 175.6
176 71.9 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: VY019773.D

Acq: 02 Oct 2024 18:29

Instrument :

MSVOA_Y

ClientSampleId :

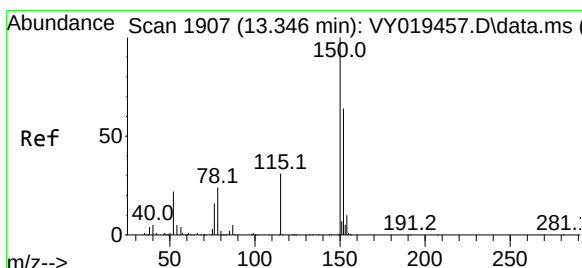
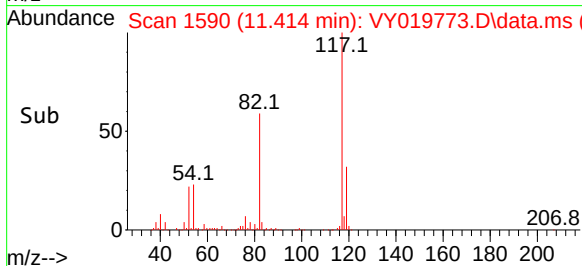
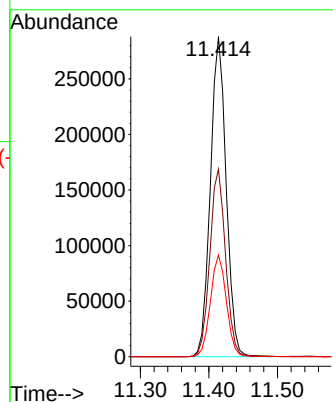
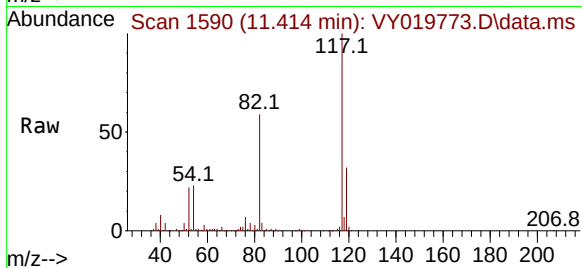
Tgt Ion:117 Resp: 460782

Ion Ratio Lower Upper

117 100

82 58.6 42.4 63.6

119 31.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY019773.D

Acq: 02 Oct 2024 18:29

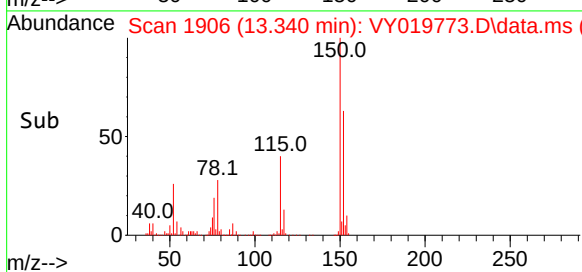
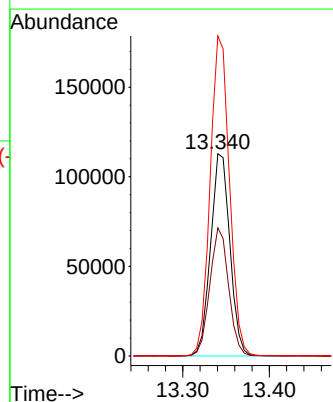
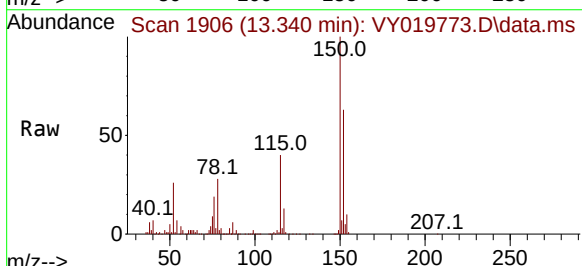
Tgt Ion:152 Resp: 174782

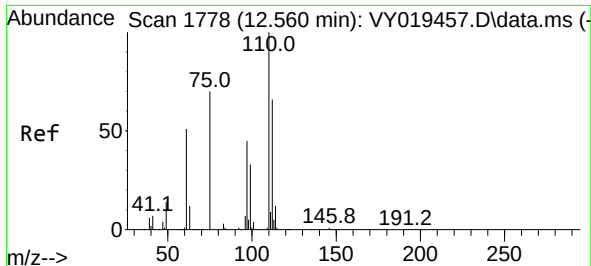
Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 157.9 0.0 345.6

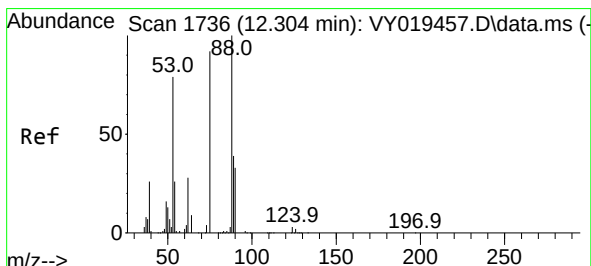
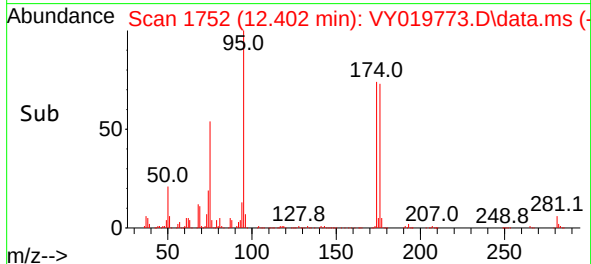
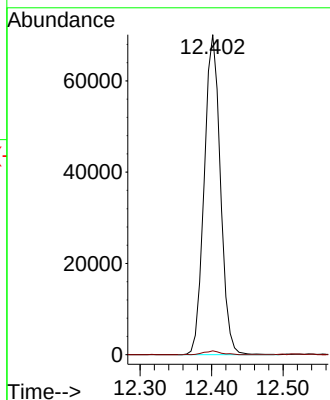
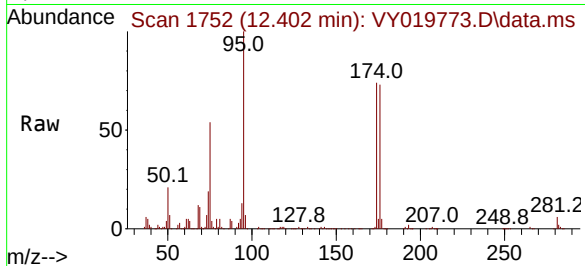




#76
1,2,3-Trichloropropane
Concen: 67.295 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019773.D
Acq: 02 Oct 2024 18:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 110244
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.187 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019773.D
Acq: 02 Oct 2024 18:29

Tgt Ion: 75 Resp: 110244
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.2 35.8 53.6#

