

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019777.D
 Acq On : 03 Oct 2024 10:17
 Operator : SY/MD
 Sample : VY1003SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 01:22:23 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)

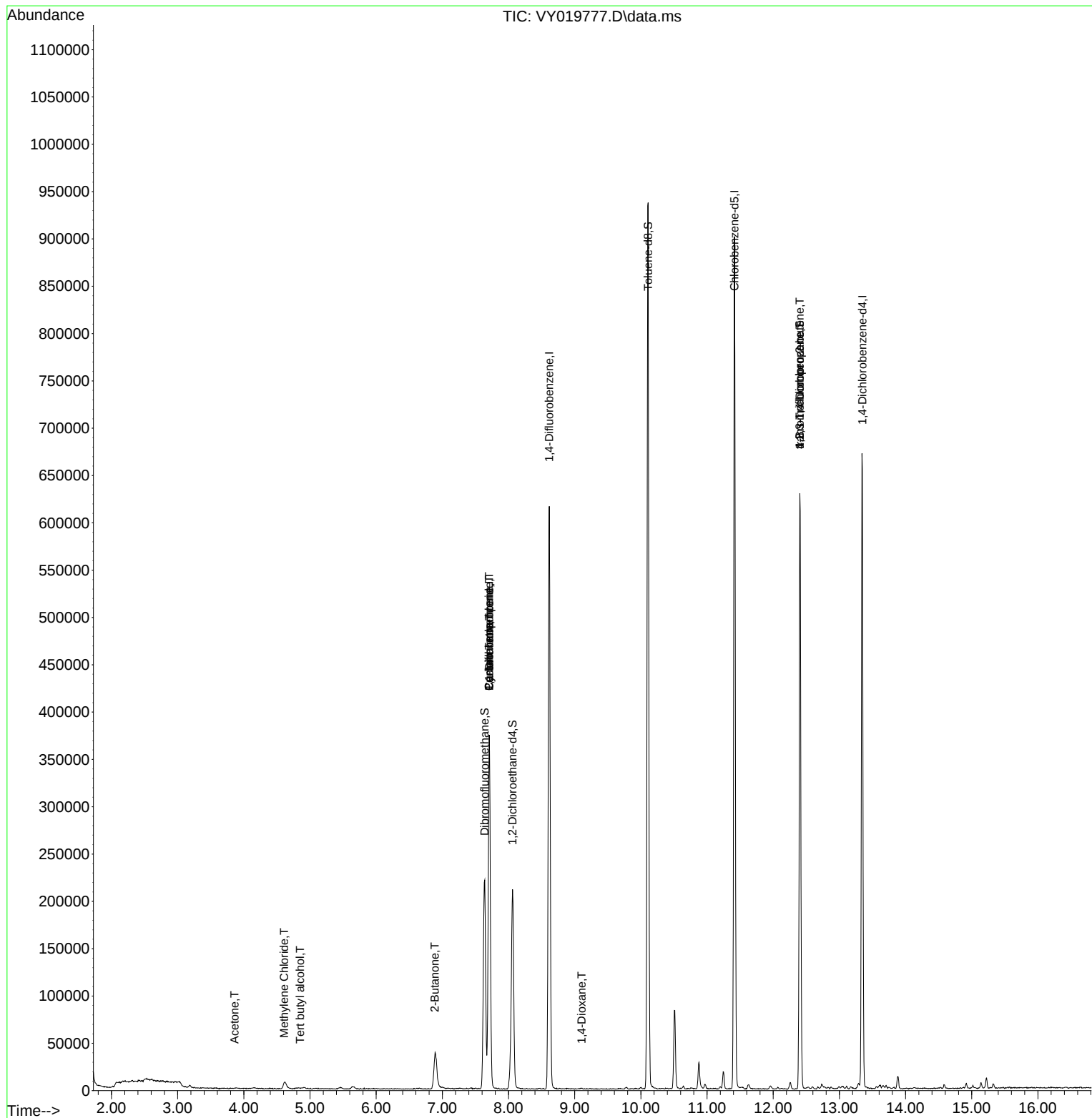
Internal Standards						
1) Pentafluorobenzene	7.707	168	267988	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	512122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	450147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	160873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	152175	61.324	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.640%	
35) Dibromofluoromethane	7.640	113	160925	55.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.840%	
50) Toluene-d8	10.109	98	611282	56.917	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.840%	
62) 4-Bromofluorobenzene	12.401	95	191072	46.269	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 92.540%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	48	Below Cal	#	43
11) Tert butyl alcohol	4.848	59	233	1.163	ug/l #	88
13) Acrolein	3.659	56	124	Below Cal	#	60
16) Acetone	3.860	43	690	1.167	ug/l #	36
20) Methylene Chloride	4.610	84	4937	1.831	ug/l #	90
25) 2-Butanone	6.884	43	1913	2.275	ug/l #	41
31) Cyclohexane	7.707	56	7105	1.600	ug/l #	29
36) 1,1-Dichloropropene	7.707	75	23749	6.011	ug/l #	48
38) Carbon Tetrachloride	7.707	117	28838	6.472	ug/l #	15
49) 1,4-Dioxane	9.103	88	57	2.976	ug/l #	20
76) 1,2,3-Trichloropropane	12.401	75	104296	69.169	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	104296	132.784	ug/l #	16

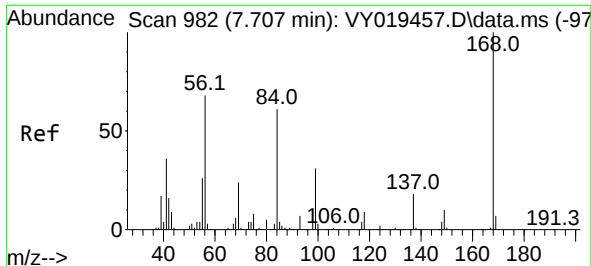
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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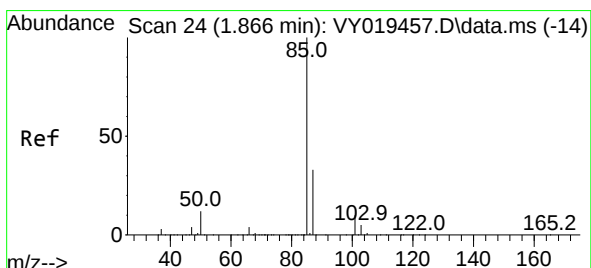
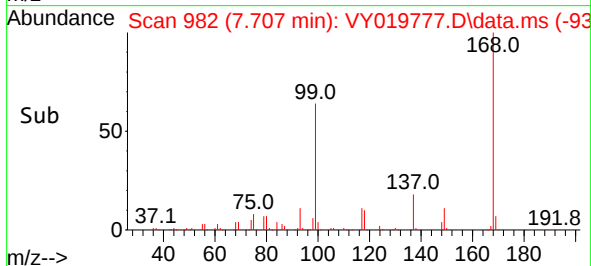
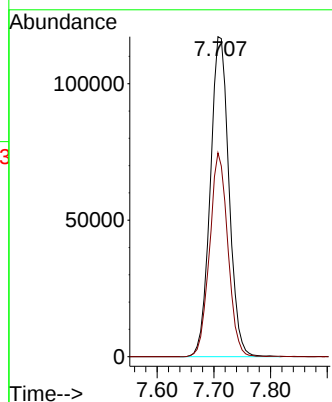
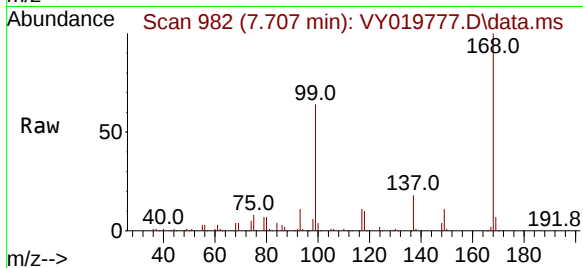




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019777.D
Acq: 03 Oct 2024 10:17

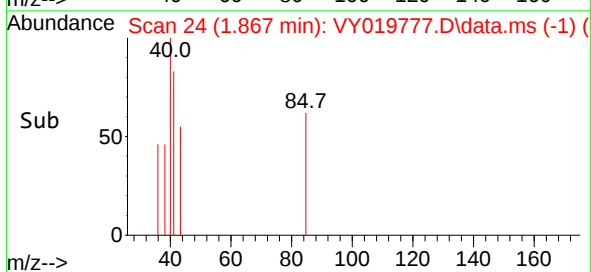
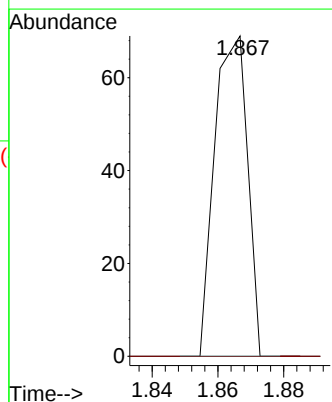
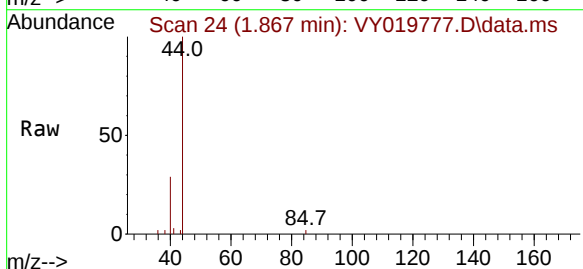
Instrument :
MSVOA_Y
ClientSampleId :

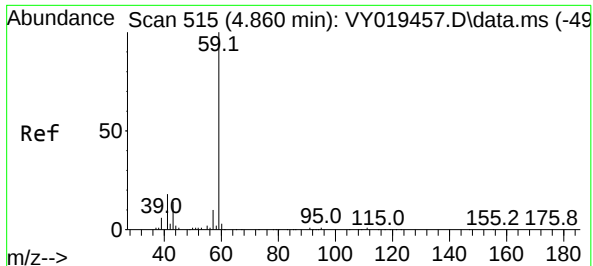
Tgt Ion:168 Resp: 267988
Ion Ratio Lower Upper
168 100
99 63.7 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019777.D
Acq: 03 Oct 2024 10:17

Tgt Ion: 85 Resp: 48
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#11

Tert butyl alcohol

Concen: 1.163 ug/l

RT: 4.848 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY019777.D

Acq: 03 Oct 2024 10:17

Instrument :

MSVOA_Y

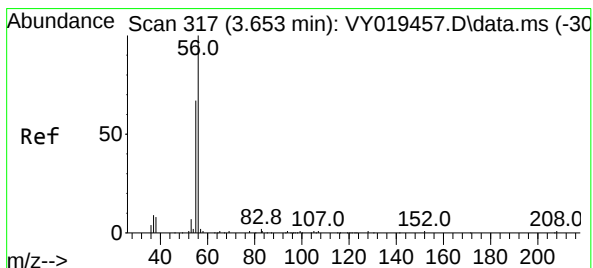
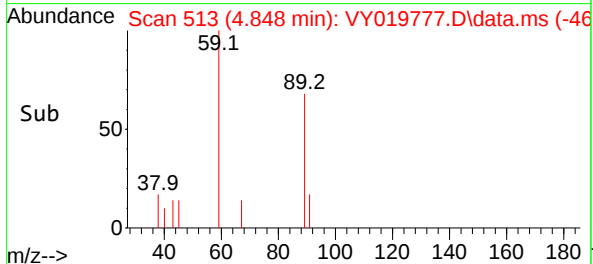
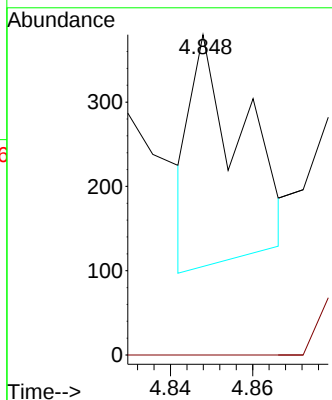
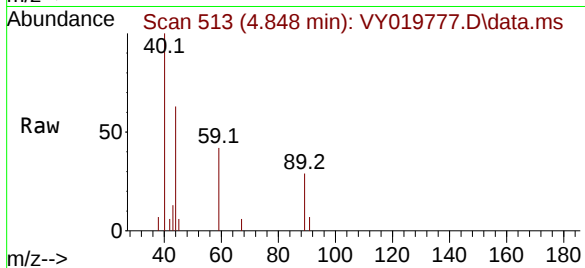
ClientSampleId :

Tgt Ion: 59 Resp: 233

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: VY019777.D

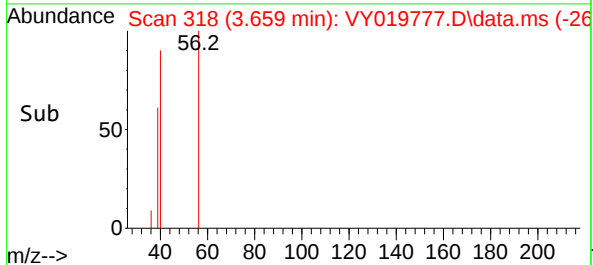
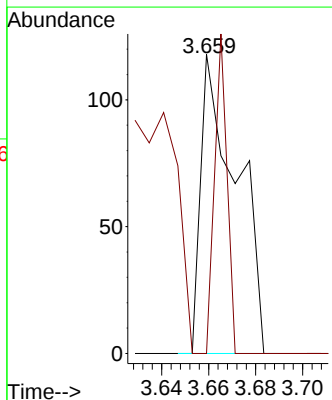
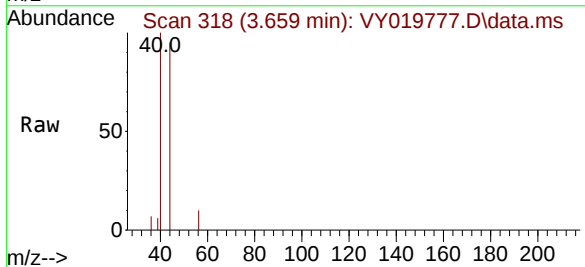
Acq: 03 Oct 2024 10:17

Tgt Ion: 56 Resp: 124

Ion Ratio Lower Upper

56 100

55 37.1 55.7 83.5#

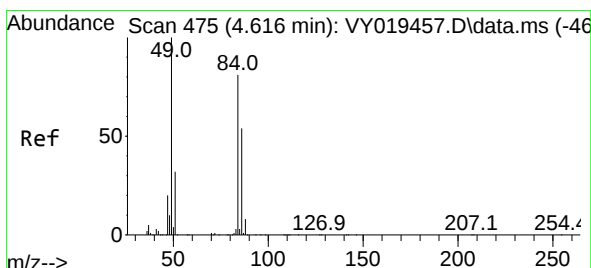
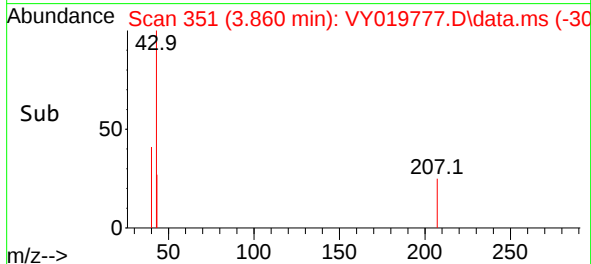
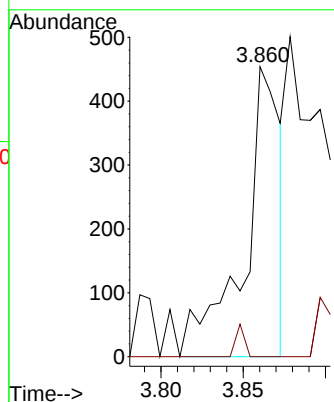
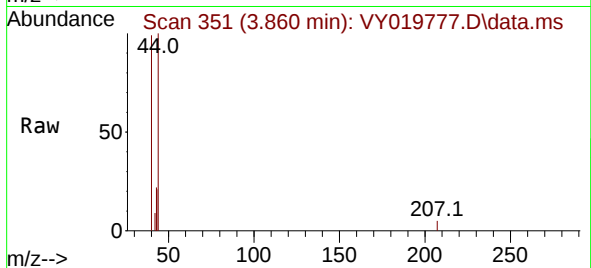




#16
Acetone
Concen: 1.167 ug/l
RT: 3.860 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY019777.D
Acq: 03 Oct 2024 10:17

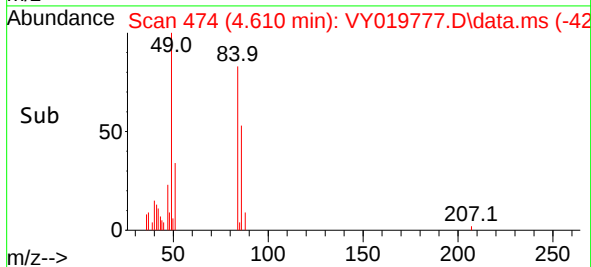
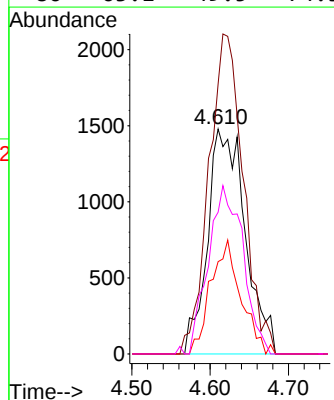
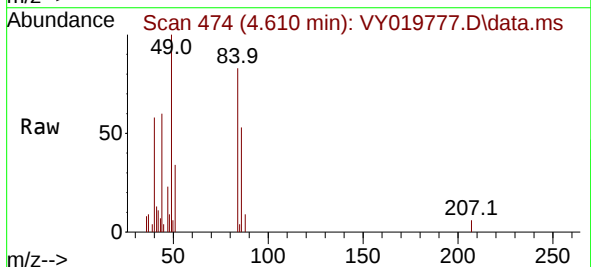
Instrument :
MSVOA_Y
ClientSampleId :

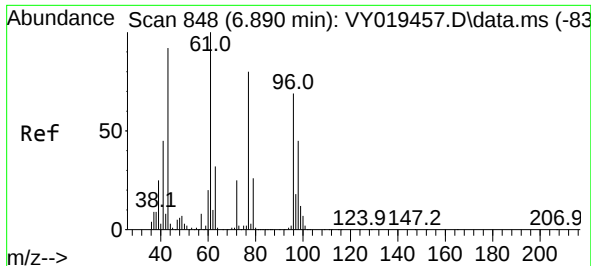
Tgt Ion: 43 Resp: 690
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: 1.831 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019777.D
Acq: 03 Oct 2024 10:17

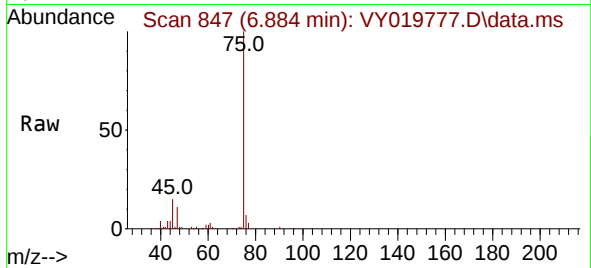
Tgt Ion: 84 Resp: 4937
Ion Ratio Lower Upper
84 100
49 120.1 84.4 126.6
51 41.1 26.0 39.0#
86 63.1 49.5 74.3



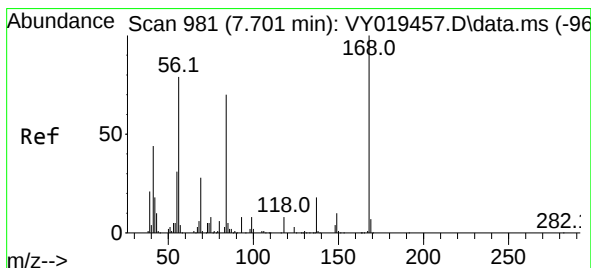
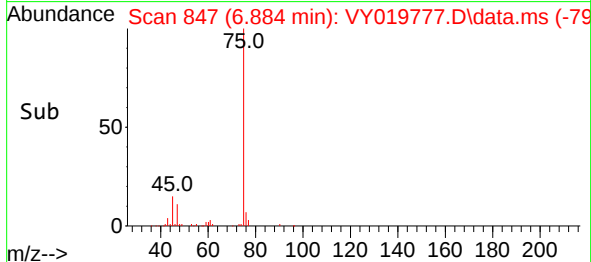
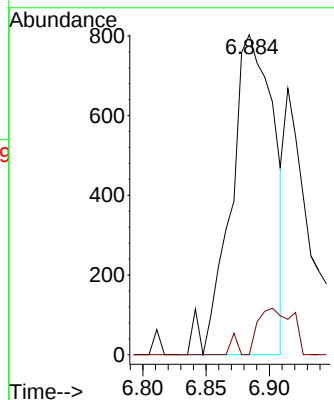


#25
2-Butanone
Concen: 2.275 ug/l
RT: 6.884 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY019777.D
Acq: 03 Oct 2024 10:17

Instrument :
MSVOA_Y
ClientSampleId :

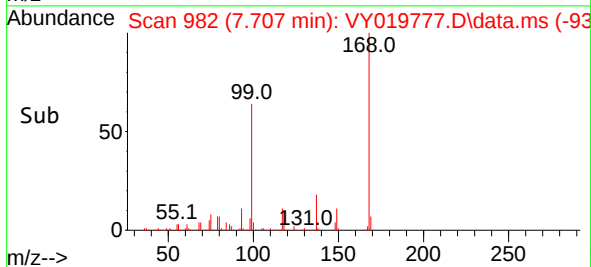
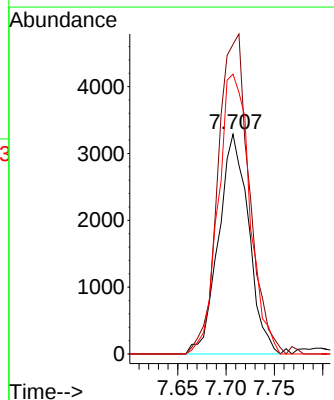
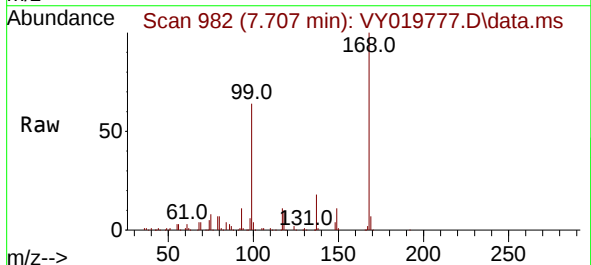


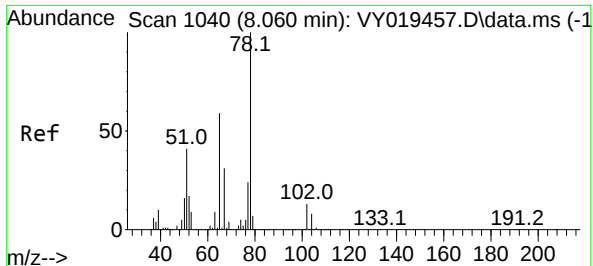
Tgt Ion: 43 Resp: 1913
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.600 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019777.D
Acq: 03 Oct 2024 10:17

Tgt Ion: 56 Resp: 7105
Ion Ratio Lower Upper
56 100
69 140.9 28.7 43.1#
84 127.4 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 61.324 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019777.D

Acq: 03 Oct 2024 10:17

Instrument :

MSVOA_Y

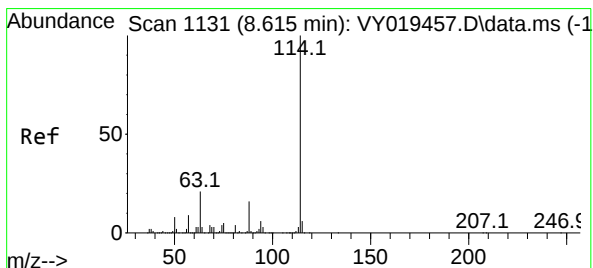
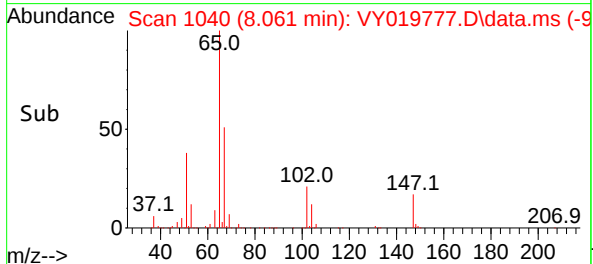
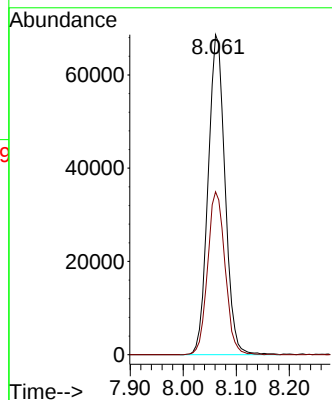
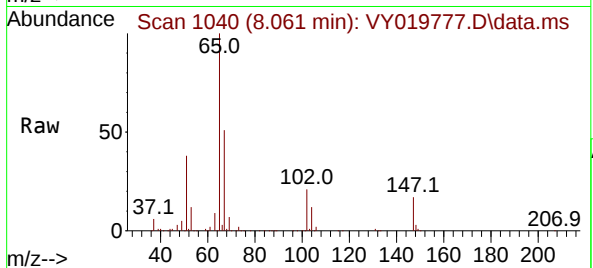
ClientSampleId :

Tgt Ion: 65 Resp: 152175

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: VY019777.D

Acq: 03 Oct 2024 10:17

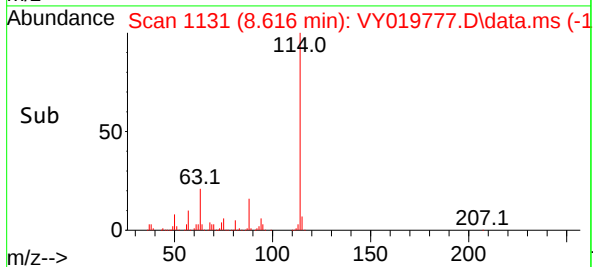
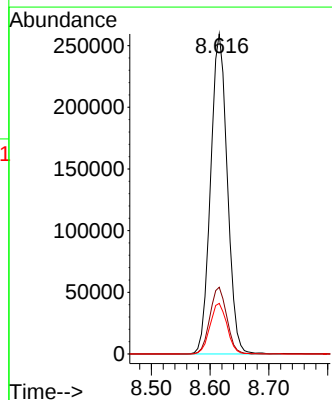
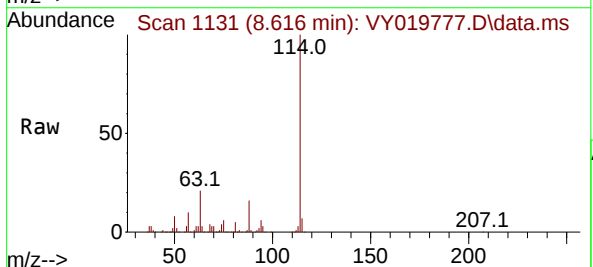
Tgt Ion: 114 Resp: 512122

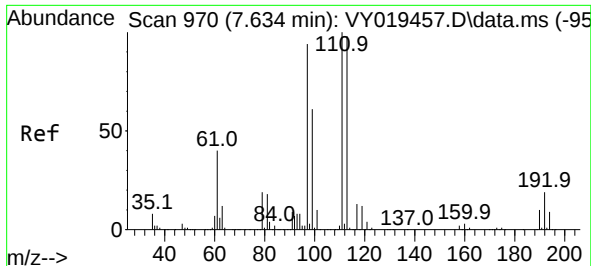
Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.0

88 15.8 0.0 27.2

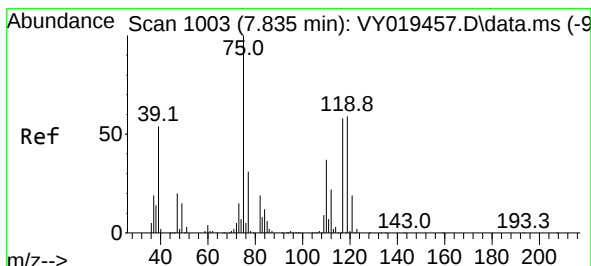
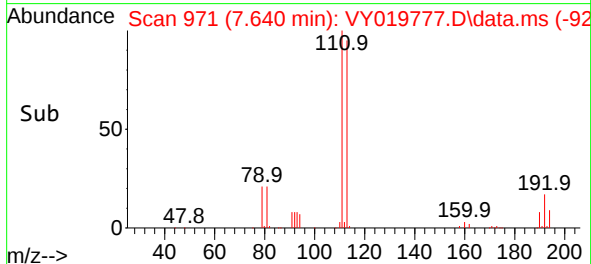
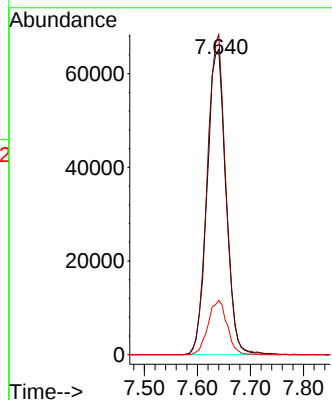
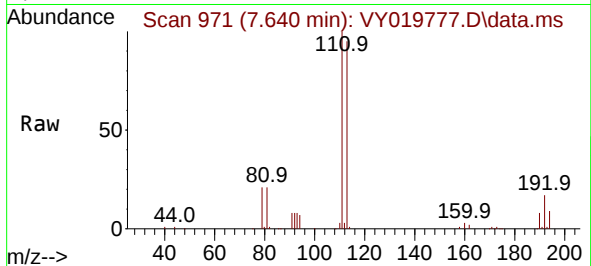




#35
Dibromofluoromethane
Concen: 55.422 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019777.D
Acq: 03 Oct 2024 10:17

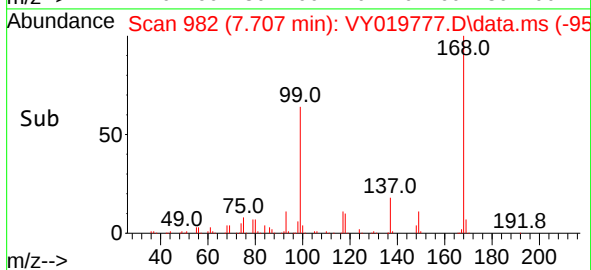
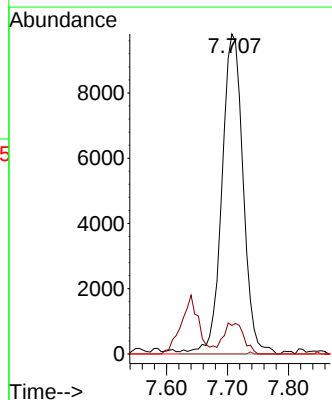
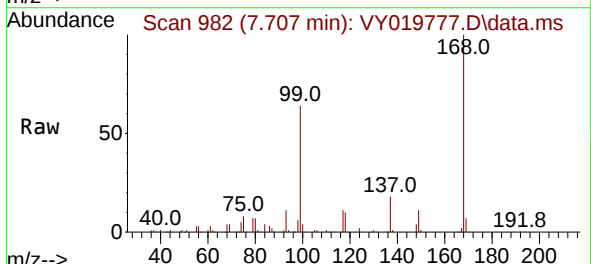
Instrument :
MSVOA_Y
ClientSampleId :

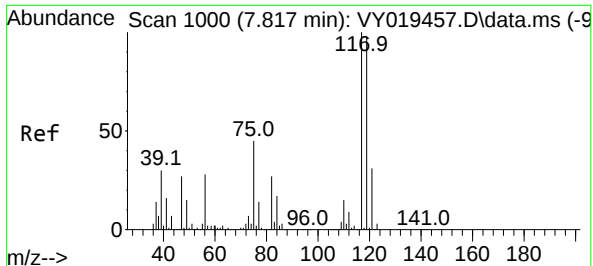
Tgt Ion:113 Resp: 160925
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 17.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.011 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019777.D
Acq: 03 Oct 2024 10:17

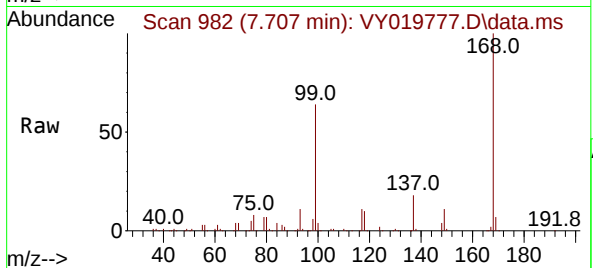
Tgt Ion: 75 Resp: 23749
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.0 25.3 37.9#



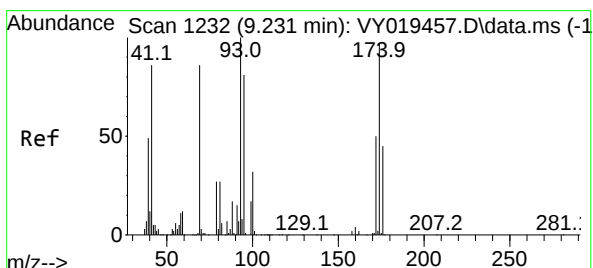
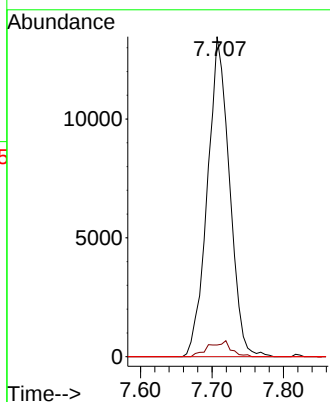
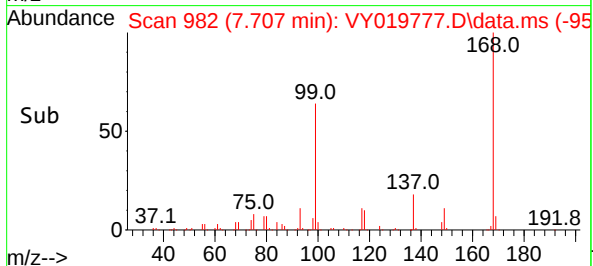


#38
Carbon Tetrachloride
Concen: 6.472 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019777.D
Acq: 03 Oct 2024 10:17

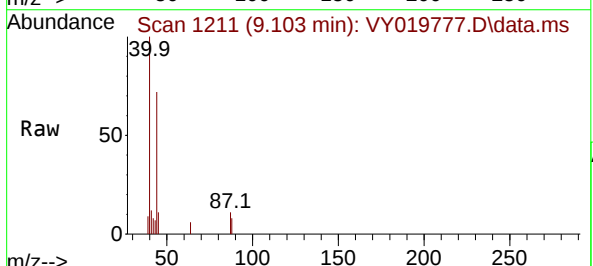
Instrument :
MSVOA_Y
ClientSampleId :



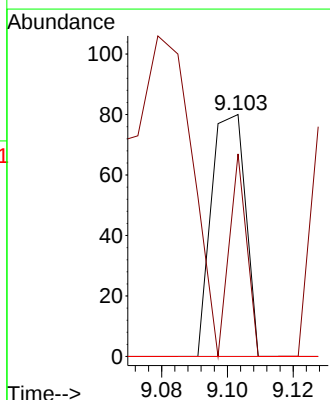
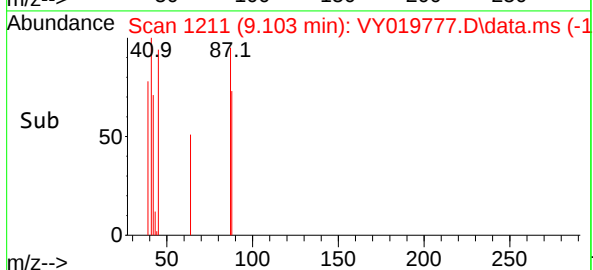
Tgt Ion:117 Resp: 28838
Ion Ratio Lower Upper
117 100
119 3.7 75.8 113.6#
121 0.0 24.0 36.0#

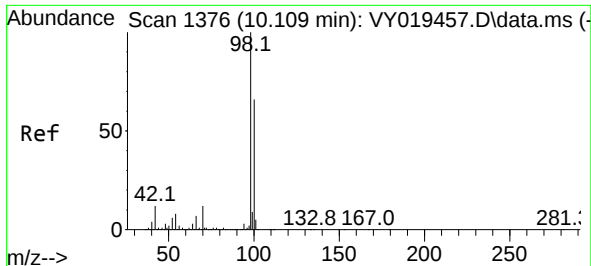


#49
1,4-Dioxane
Concen: 2.976 ug/l
RT: 9.103 min Scan# 1211
Delta R.T. -0.128 min
Lab File: VY019777.D
Acq: 03 Oct 2024 10:17



Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

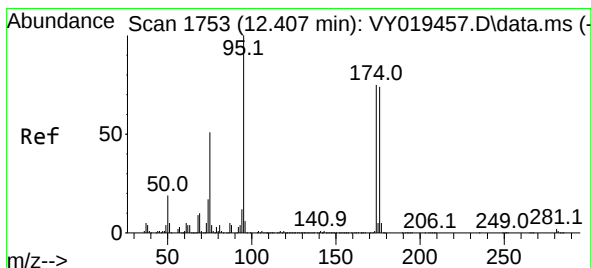
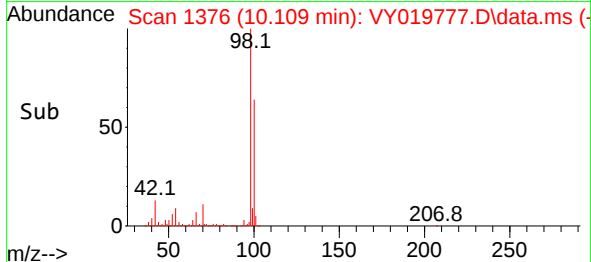
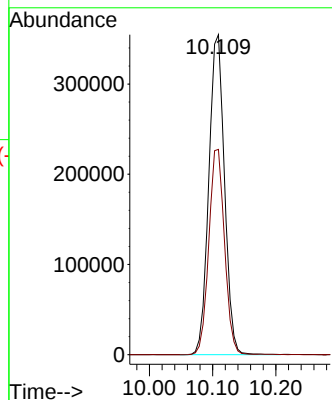
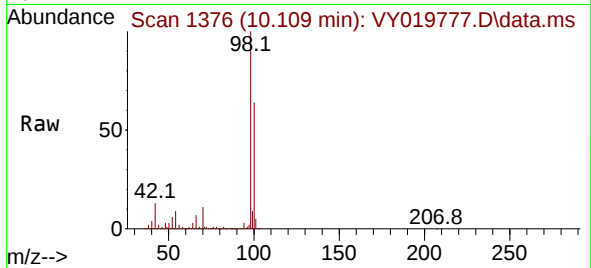




#50
Toluene-d8
Concen: 56.917 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019777.D
Acq: 03 Oct 2024 10:17

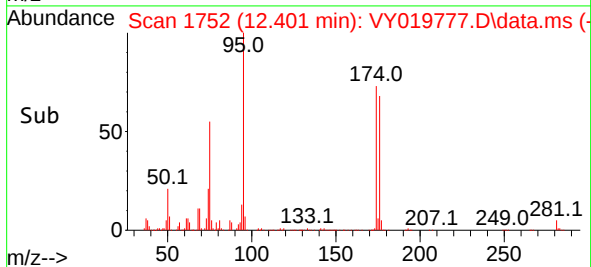
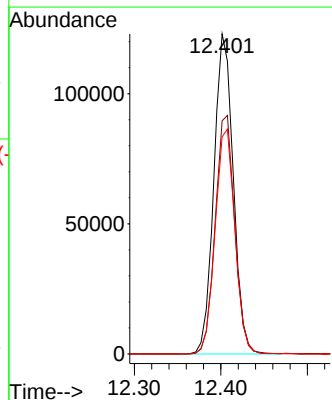
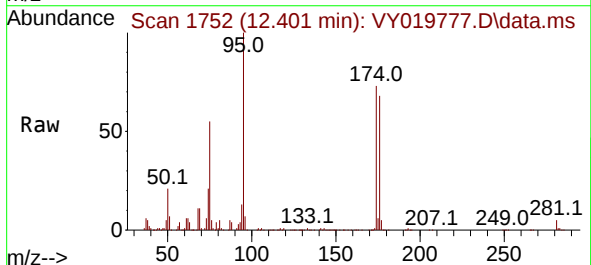
Instrument :
MSVOA_Y
ClientSampleId :

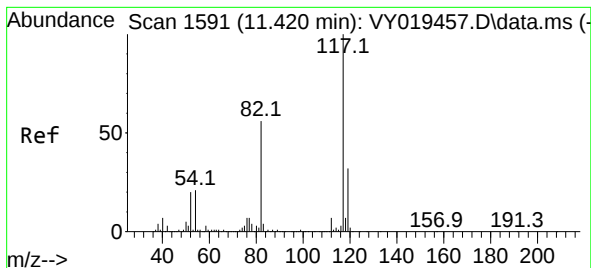
Tgt Ion: 98 Resp: 611282
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.269 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019777.D
Acq: 03 Oct 2024 10:17

Tgt Ion: 95 Resp: 191072
Ion Ratio Lower Upper
95 100
174 75.1 0.0 175.6
176 71.7 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: VY019777.D

Acq: 03 Oct 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

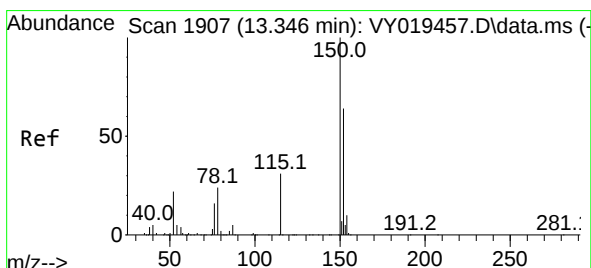
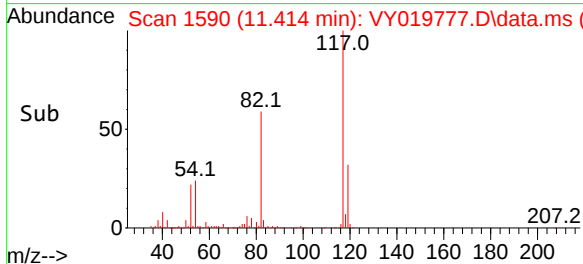
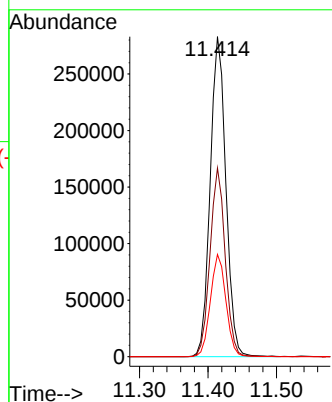
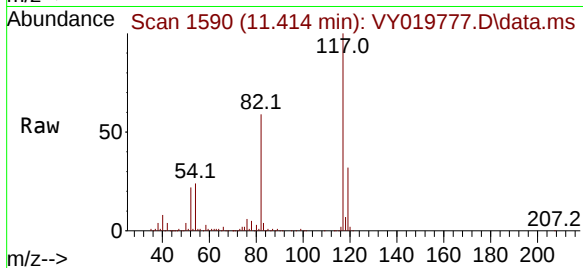
Tgt Ion:117 Resp: 450147

Ion Ratio Lower Upper

117 100

82 58.9 42.4 63.6

119 32.0 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: VY019777.D

Acq: 03 Oct 2024 10:17

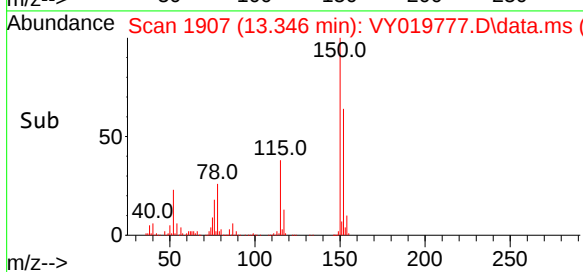
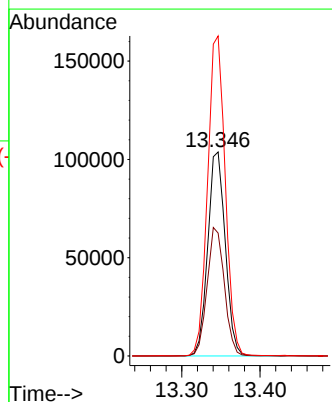
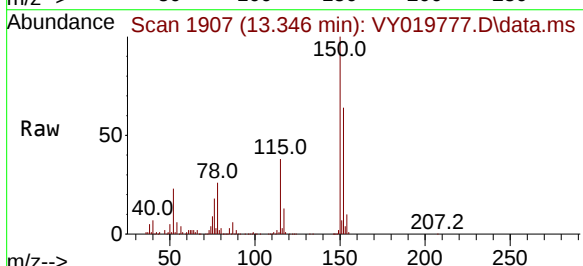
Tgt Ion:152 Resp: 160873

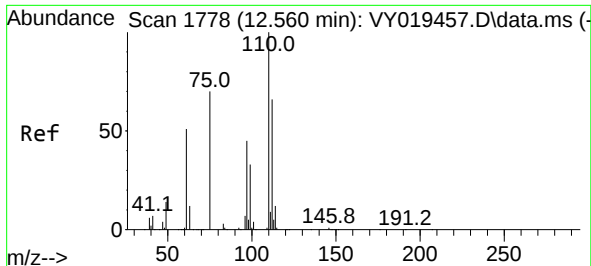
Ion Ratio Lower Upper

152 100

115 62.2 28.2 84.7

150 157.9 0.0 345.6

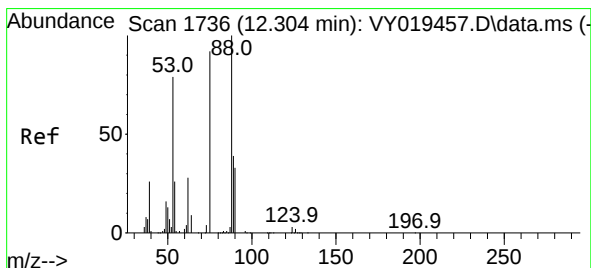
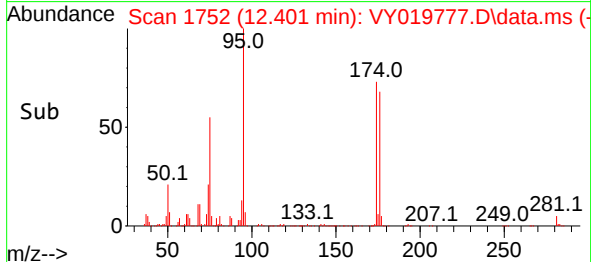
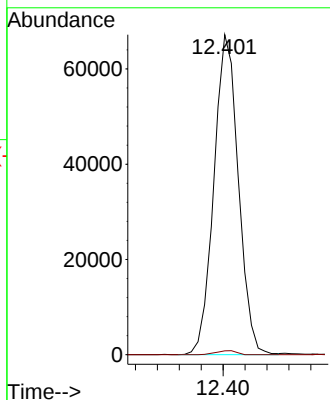
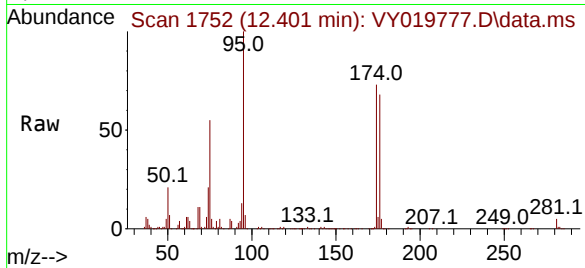




#76
1,2,3-Trichloropropane
Concen: 69.169 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019777.D
Acq: 03 Oct 2024 10:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 104296
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.784 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019777.D
Acq: 03 Oct 2024 10:17

Tgt Ion: 75 Resp: 104296
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

