

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019542.D
 Acq On : 13 Sep 2024 16:22
 Operator : SY/MD
 Sample : P3984-06
 Misc : 6.70g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-B-GRAB

Quant Time: Sep 13 23:33:59 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

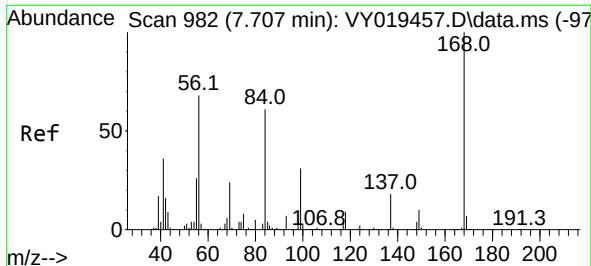
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	339705	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	653835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	561401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	196526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	209884	66.723	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.440%	
35) Dibromofluoromethane	7.628	113	206804	55.786	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.580%	
50) Toluene-d8	10.103	98	772115	56.310	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.620%	
62) 4-Bromofluorobenzene	12.401	95	238705	45.275	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 90.560%	
Target Compounds						
2) Dichlorodifluoromethane	1.867	85	210	Below Cal	#	Qvalue 43
11) Tert butyl alcohol	4.866	59	468	1.842	ug/l #	33
13) Acrolein	3.659	56	122	Below Cal	#	1
20) Methylene Chloride	4.604	84	19243	5.631	ug/l	91
31) Cyclohexane	7.701	56	7971	1.416	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	29659	5.880	ug/l #	49
38) Carbon Tetrachloride	7.701	117	36979	6.501	ug/l #	15
49) 1,4-Dioxane	9.079	88	53	2.167	ug/l #	20
76) 1,2,3-Trichloropropane	12.401	75	131284	71.272	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	131284	136.821	ug/l #	16

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

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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

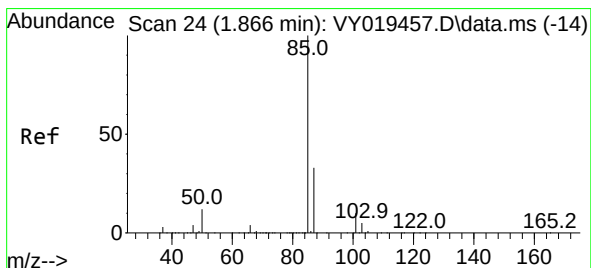
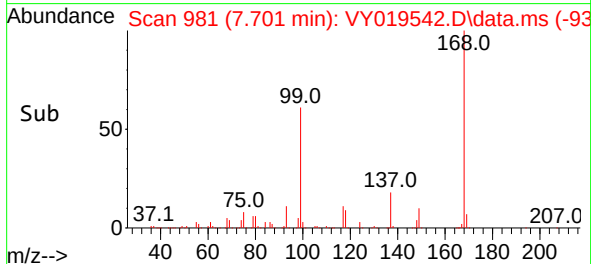
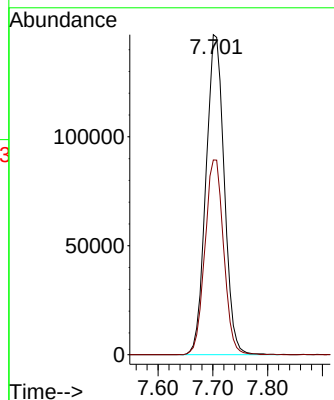
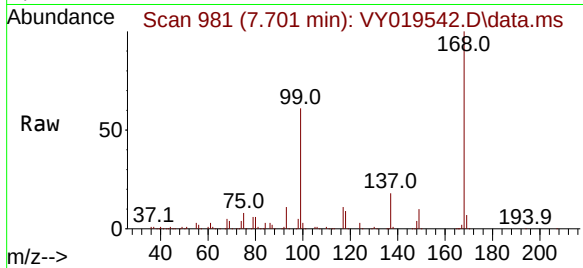




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019542.D
Acq: 13 Sep 2024 16:22

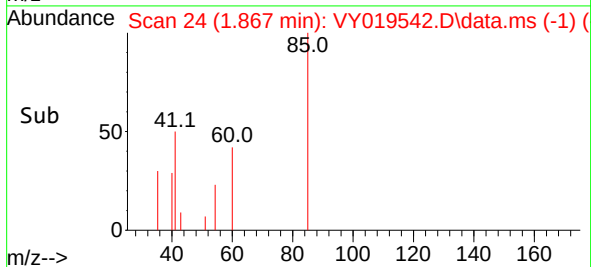
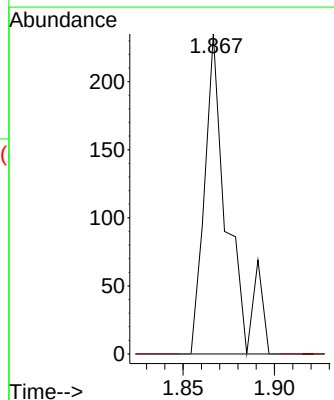
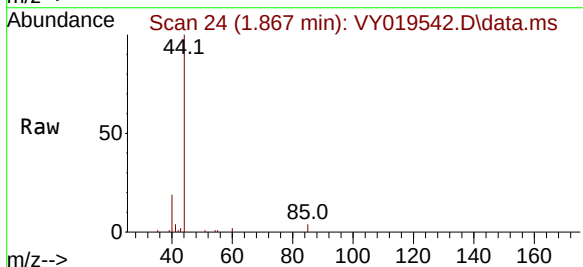
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-GRAB

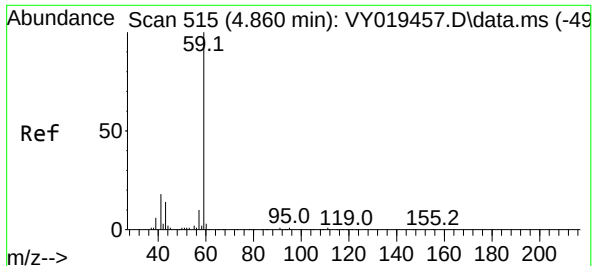
Tgt Ion:168 Resp: 339705
Ion Ratio Lower Upper
168 100
99 60.8 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019542.D
Acq: 13 Sep 2024 16:22

Tgt Ion: 85 Resp: 210
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

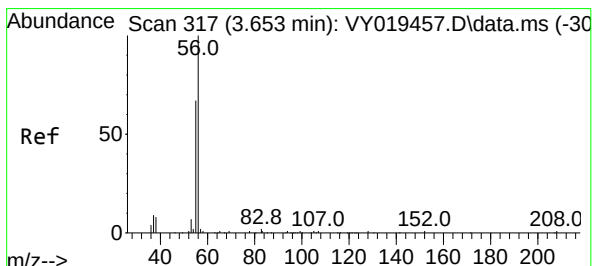
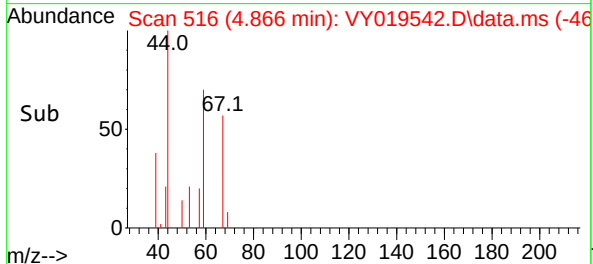
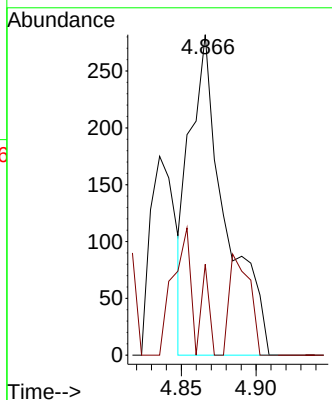
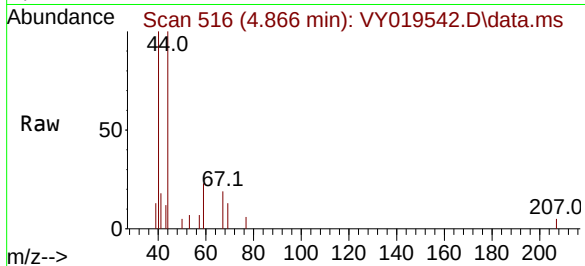




#11
Tert butyl alcohol
Concen: 1.842 ug/l
RT: 4.866 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019542.D
Acq: 13 Sep 2024 16:22

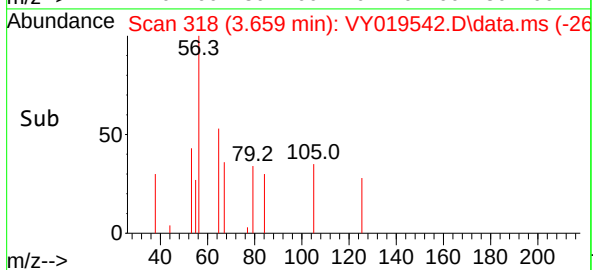
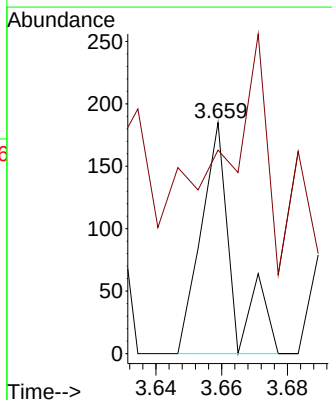
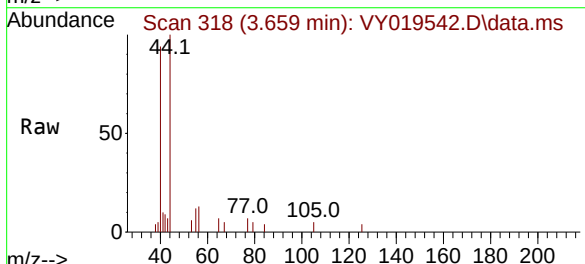
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-GRAB

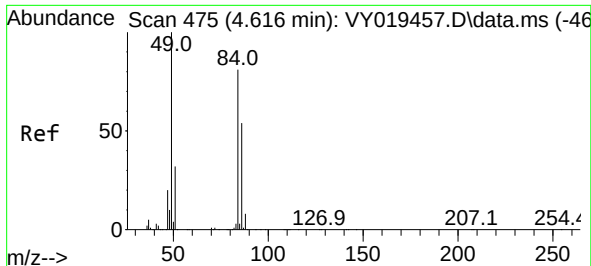
Tgt Ion: 59 Resp: 468
Ion Ratio Lower Upper
59 100
57 25.9 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.659 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY019542.D
Acq: 13 Sep 2024 16:22

Tgt Ion: 56 Resp: 122
Ion Ratio Lower Upper
56 100
55 313.9 55.7 83.5#

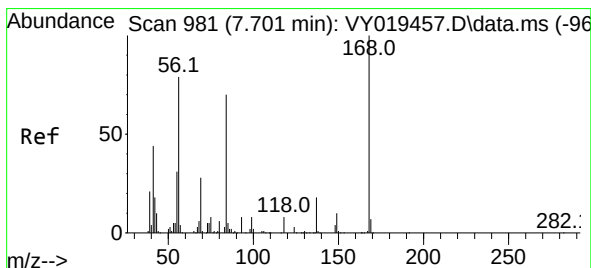
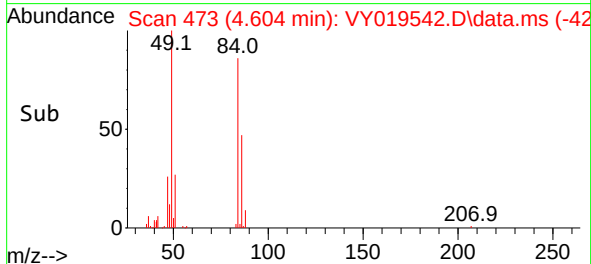
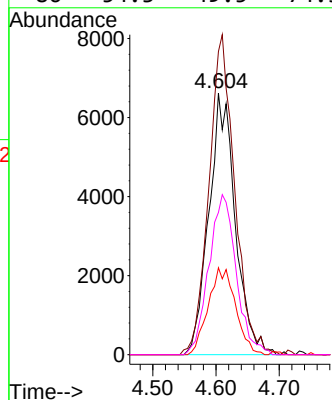
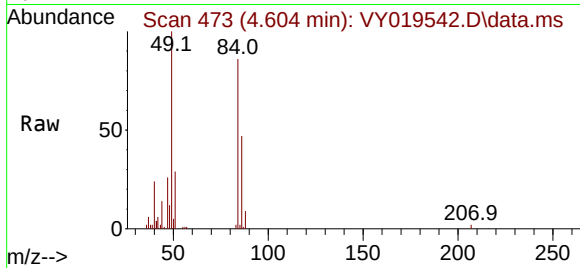




#20
Methylene Chloride
Concen: 5.631 ug/l
RT: 4.604 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY019542.D
Acq: 13 Sep 2024 16:22

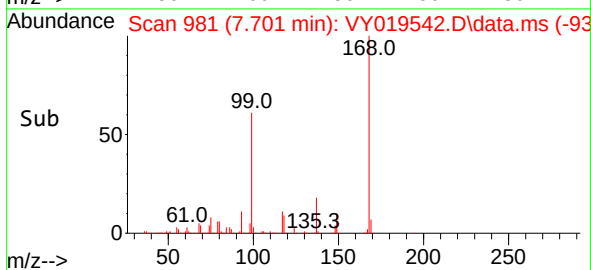
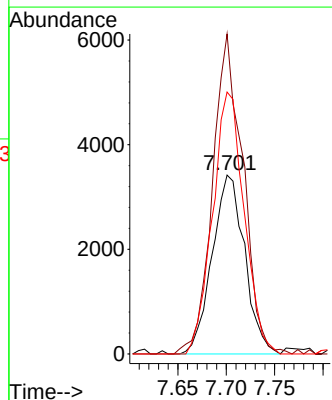
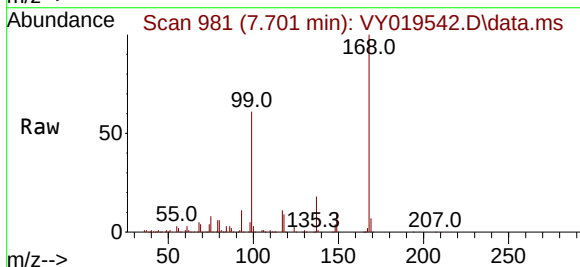
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-GRAB

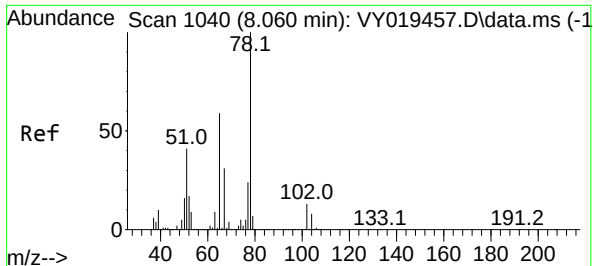
Tgt Ion:	84	Resp:	19243
Ion	Ratio	Lower	Upper
84	100		
49	115.9	84.4	126.6
51	33.2	26.0	39.0
86	54.3	49.5	74.3



#31
Cyclohexane
Concen: 1.416 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019542.D
Acq: 13 Sep 2024 16:22

Tgt Ion:	56	Resp:	7971
Ion	Ratio	Lower	Upper
56	100		
69	176.3	28.7	43.1#
84	146.4	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 66.723 ug/l

RT: 8.054 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY019542.D

Acq: 13 Sep 2024 16:22

Instrument :

MSVOA_Y

ClientSampleId :

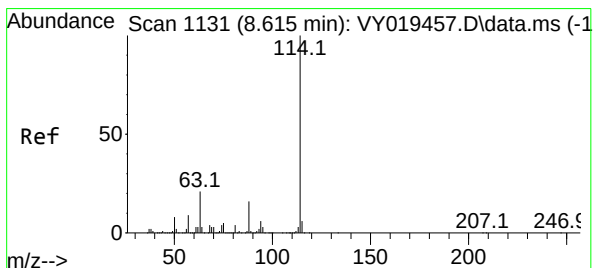
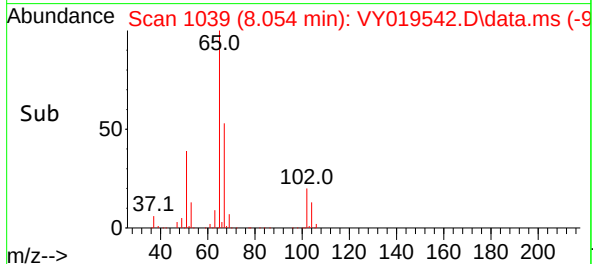
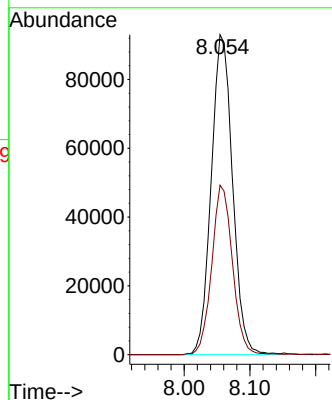
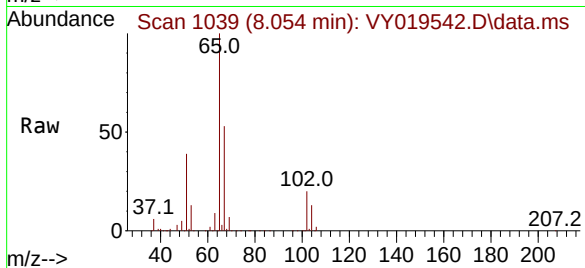
WC-B-GRAB

Tgt Ion: 65 Resp: 209884

Ion Ratio Lower Upper

65 100

67 51.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019542.D

Acq: 13 Sep 2024 16:22

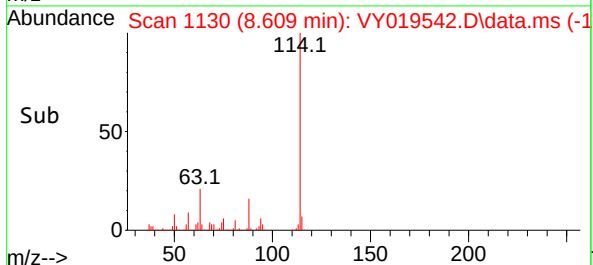
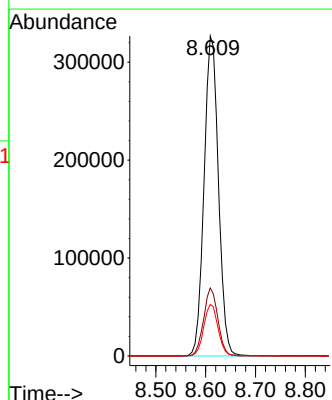
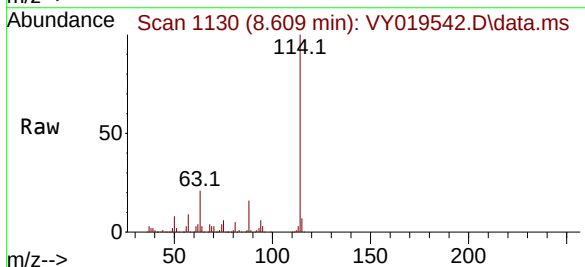
Tgt Ion: 114 Resp: 653835

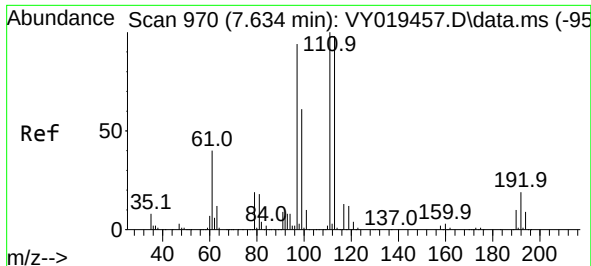
Ion Ratio Lower Upper

114 100

63 21.2 0.0 35.0

88 16.1 0.0 27.2

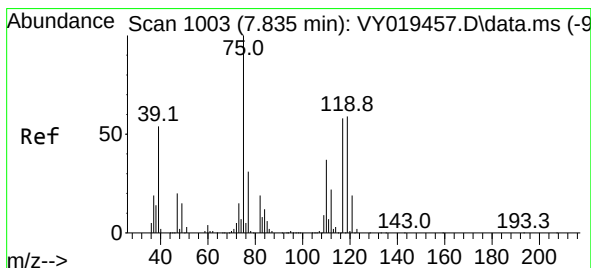
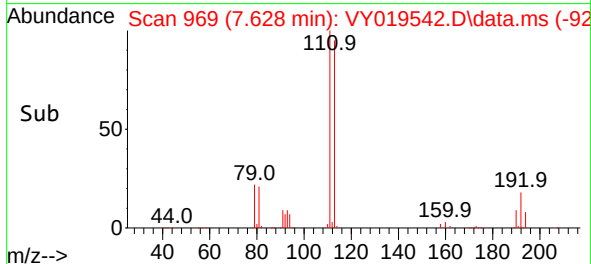
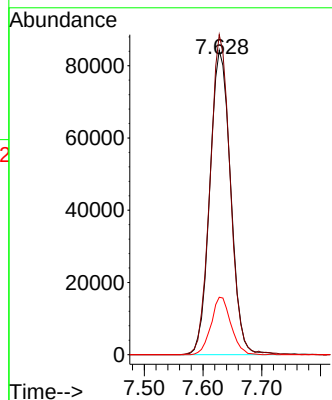
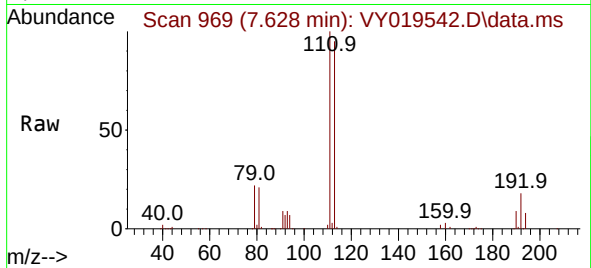




#35
Dibromofluoromethane
Concen: 55.786 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY019542.D
Acq: 13 Sep 2024 16:22

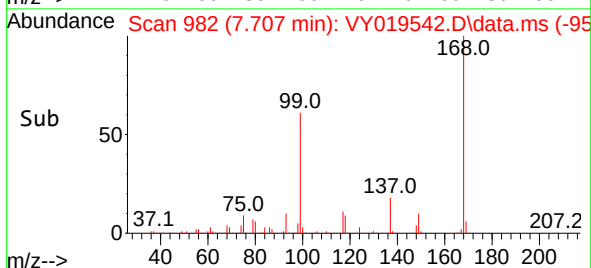
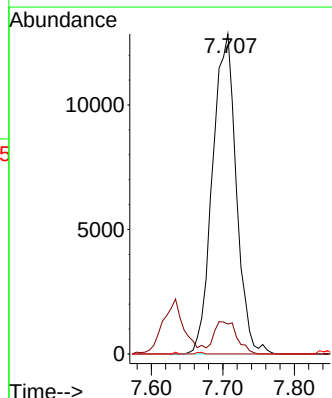
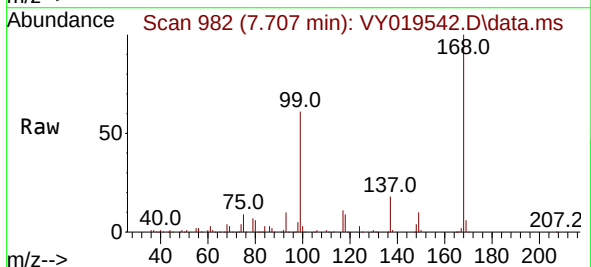
Instrument :
MSVOA_Y
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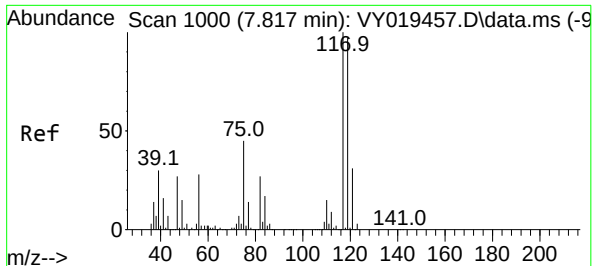
Tgt Ion:113 Resp: 206804
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 18.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.880 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019542.D
Acq: 13 Sep 2024 16:22

Tgt Ion: 75 Resp: 29659
Ion Ratio Lower Upper
75 100
110 9.8 19.0 57.0#
77 0.0 25.3 37.9#

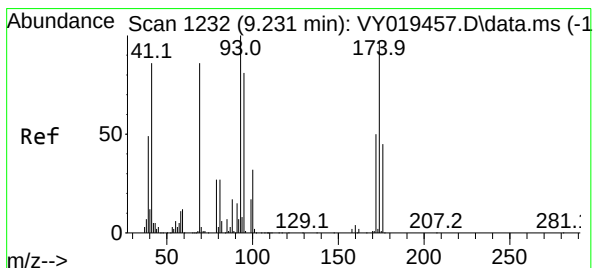
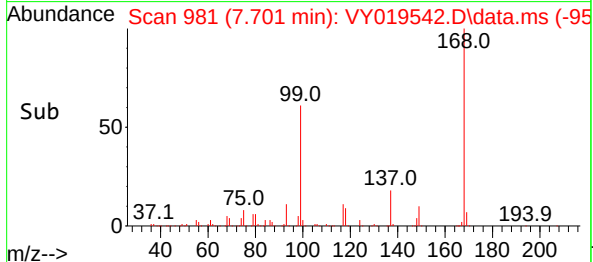
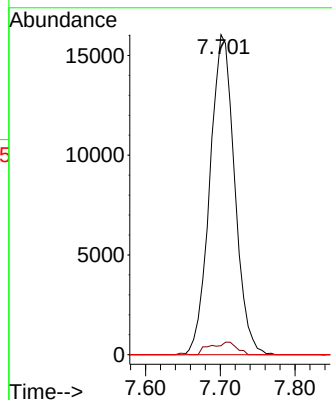
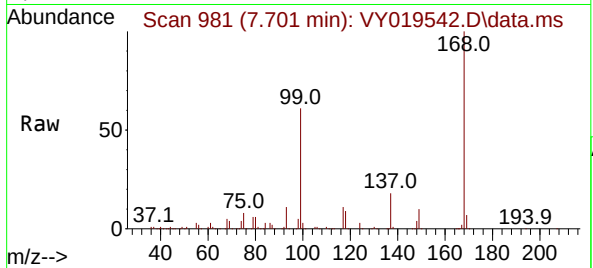




#38
Carbon Tetrachloride
Concen: 6.501 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY019542.D
Acq: 13 Sep 2024 16:22

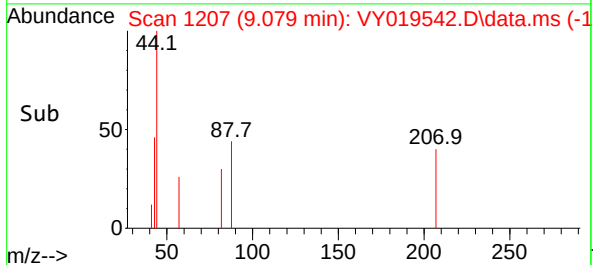
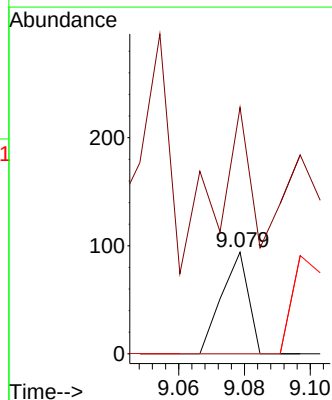
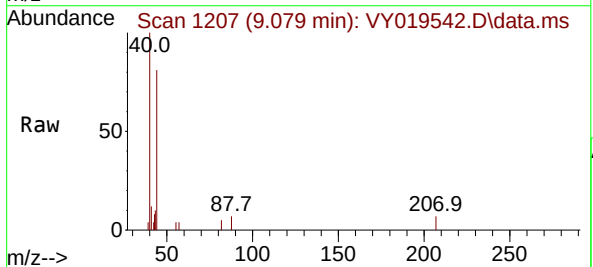
Instrument :
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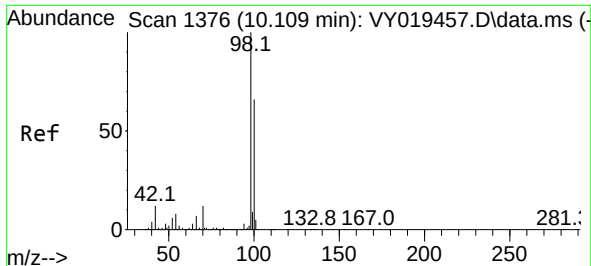
Tgt Ion:117 Resp: 36979
Ion Ratio Lower Upper
117 100
119 2.8 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 2.167 ug/l
RT: 9.079 min Scan# 1207
Delta R.T. -0.152 min
Lab File: VY019542.D
Acq: 13 Sep 2024 16:22

Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
43 101.9 0.0 0.0#
58 0.0 49.3 73.9#

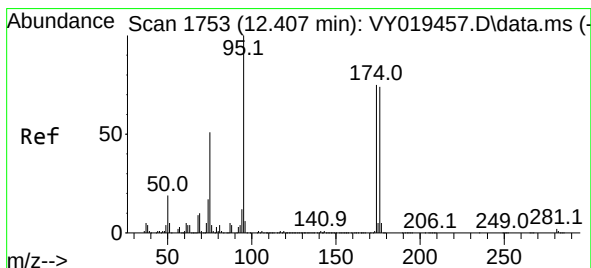
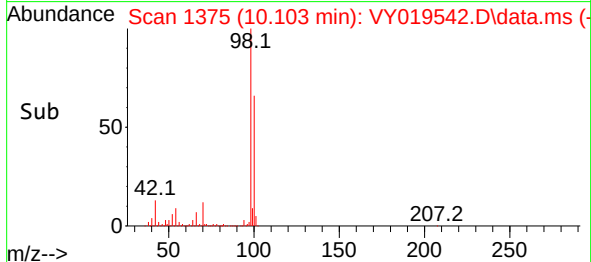
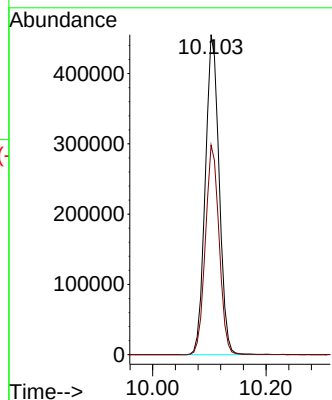
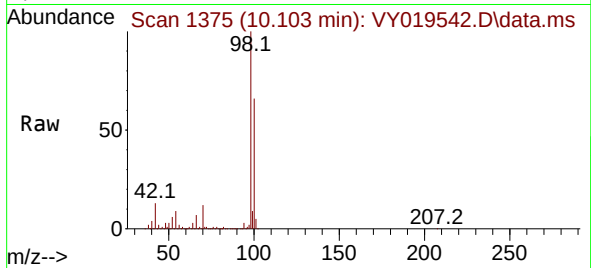




#50
Toluene-d8
Concen: 56.310 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019542.D
Acq: 13 Sep 2024 16:22

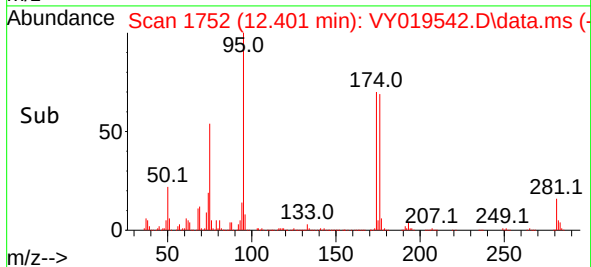
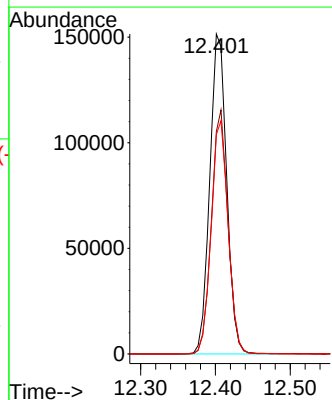
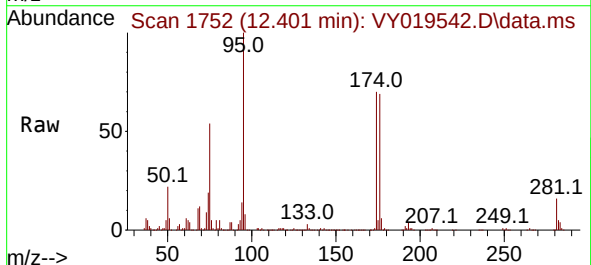
Instrument :
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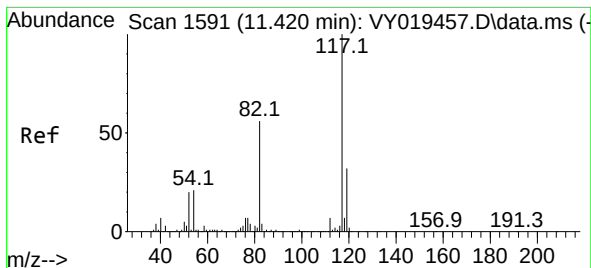
Tgt Ion: 98 Resp: 772115
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.275 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019542.D
Acq: 13 Sep 2024 16:22

Tgt Ion: 95 Resp: 238705
Ion Ratio Lower Upper
95 100
174 74.3 0.0 175.6
176 73.0 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: VY019542.D

Acq: 13 Sep 2024 16:22

Instrument :

MSVOA_Y

ClientSampleId :

WC-B-GRAB

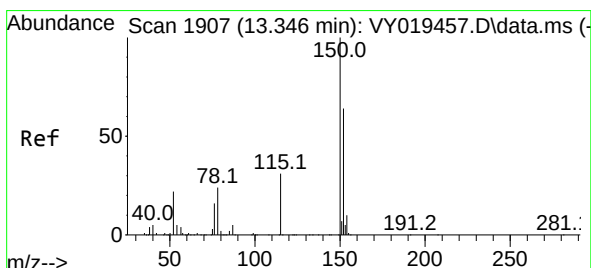
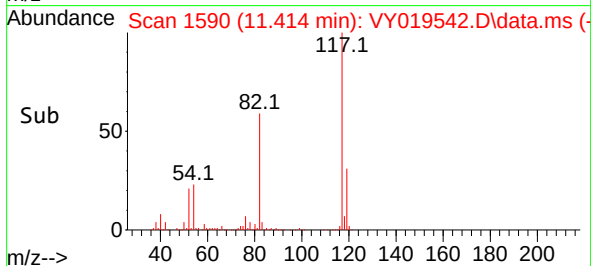
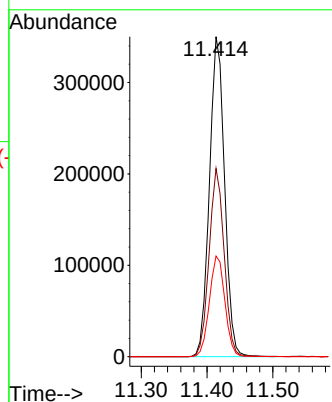
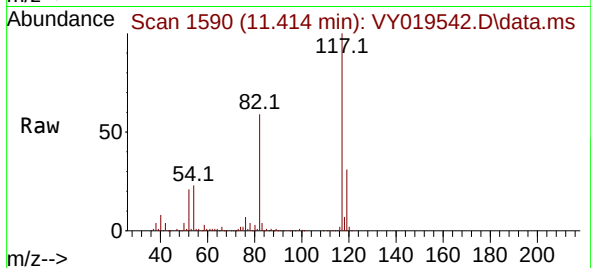
Tgt Ion:117 Resp: 561401

Ion Ratio Lower Upper

117 100

82 58.8 42.4 63.6

119 31.5 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: VY019542.D

Acq: 13 Sep 2024 16:22

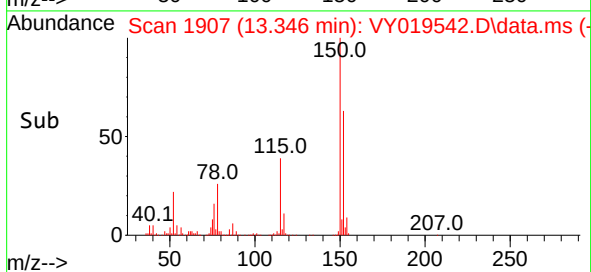
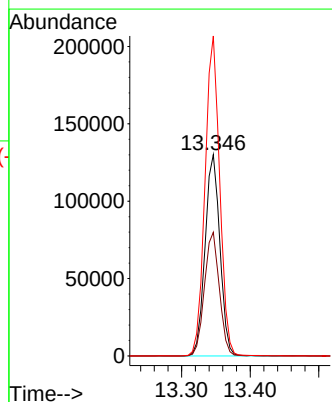
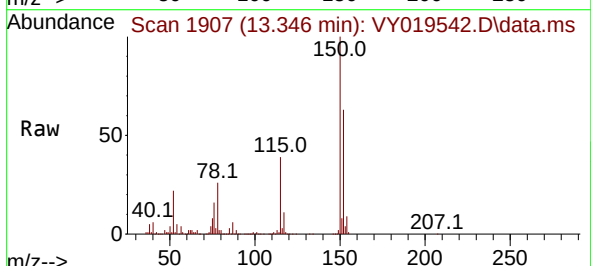
Tgt Ion:152 Resp: 196526

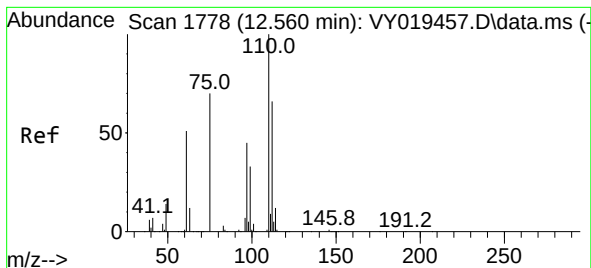
Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 157.0 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 71.272 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019542.D

Acq: 13 Sep 2024 16:22

Instrument :

MSVOA_Y

ClientSampleId :

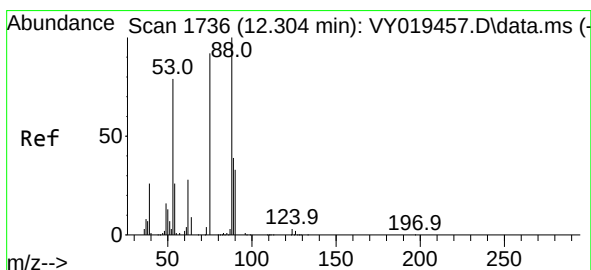
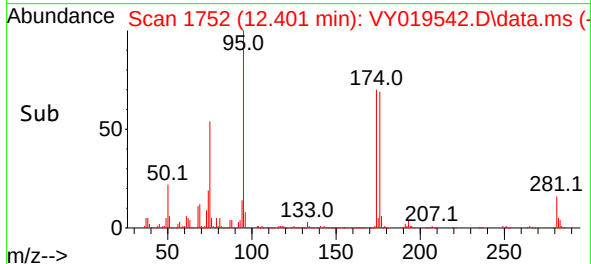
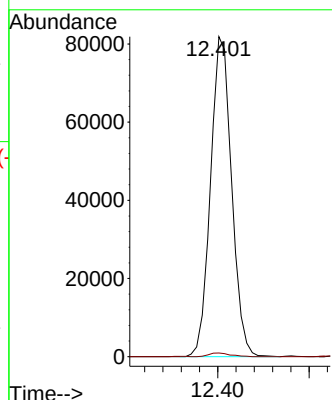
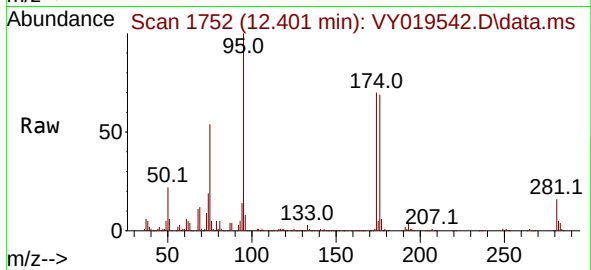
WC-B-GRAB

Tgt Ion: 75 Resp: 131284

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 136.821 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.098 min

Lab File: VY019542.D

Acq: 13 Sep 2024 16:22

Tgt Ion: 75 Resp: 131284

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 1.1 35.8 53.6#

