

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019540.D
 Acq On : 13 Sep 2024 15:35
 Operator : SY/MD
 Sample : P3984-09
 Misc : 6.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-C-GRAB

Quant Time: Sep 13 23:33:13 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)

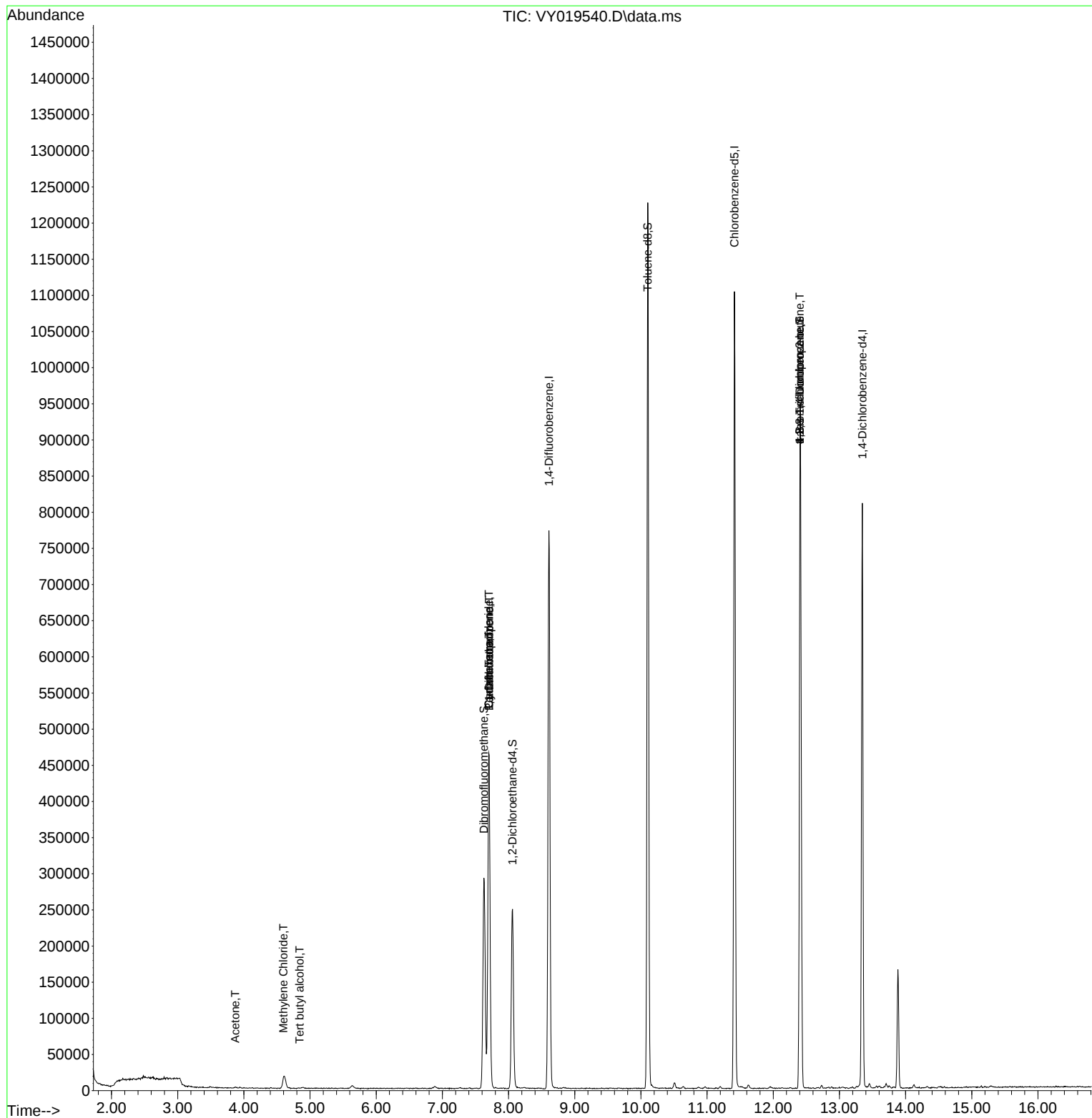
Internal Standards						
1) Pentafluorobenzene	7.707	168	346719	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	668624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	570384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	193071	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	202959	63.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.440%	
35) Dibromofluoromethane	7.628	113	209086	55.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.300%	
50) Toluene-d8	10.103	98	786055	56.059	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.120%	
62) 4-Bromofluorobenzene	12.401	95	236849	43.930	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.860%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.860	85	109	Below Cal	#	43
11) Tert butyl alcohol	4.842	59	526	2.029	ug/l #	72
13) Acrolein	3.659	56	89	Below Cal	#	15
16) Acetone	3.872	43	1567	2.049	ug/l #	82
20) Methylene Chloride	4.598	84	12911	3.701	ug/l #	92
31) Cyclohexane	7.701	56	8710	1.516	ug/l #	12
36) 1,1-Dichloropropene	7.707	75	29759	5.769	ug/l #	48
38) Carbon Tetrachloride	7.701	117	37034	6.366	ug/l #	16
76) 1,2,3-Trichloropropane	12.401	75	131644	72.746	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	131644	139.651	ug/l #	17

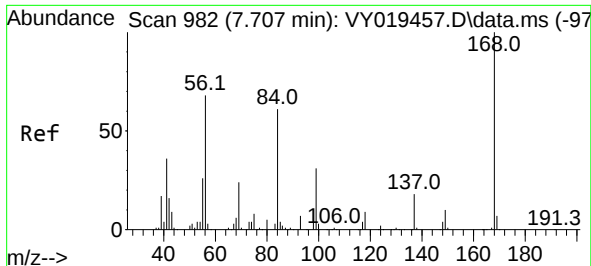
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
Data File : VY019540.D
Acq On : 13 Sep 2024 15:35
Operator : SY/MD
Sample : P3984-09
Misc : 6.52g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-C-GRAB

Quant Time: Sep 13 23:33:13 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

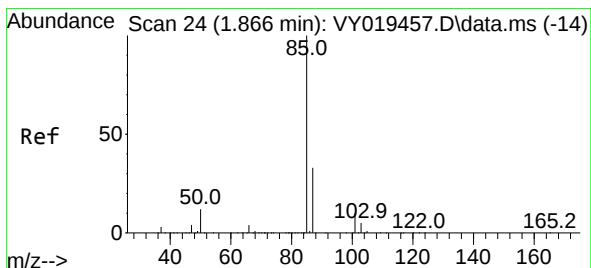
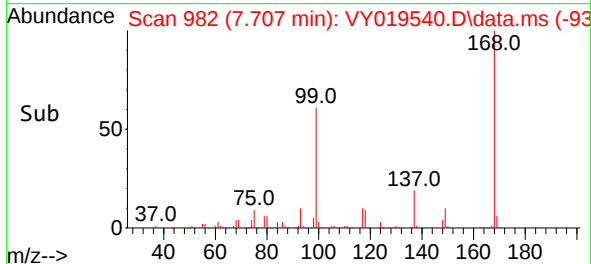
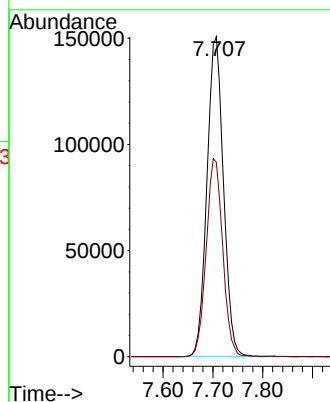
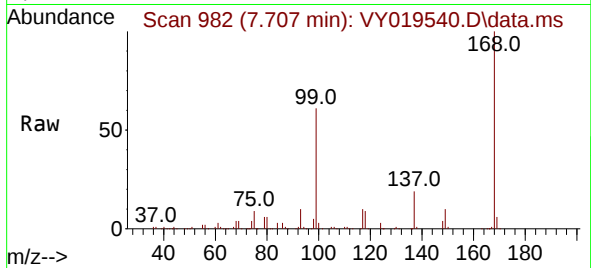




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019540.D
Acq: 13 Sep 2024 15:35

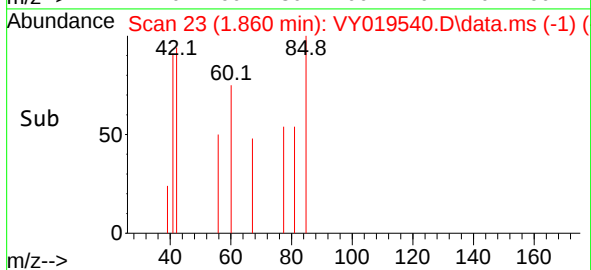
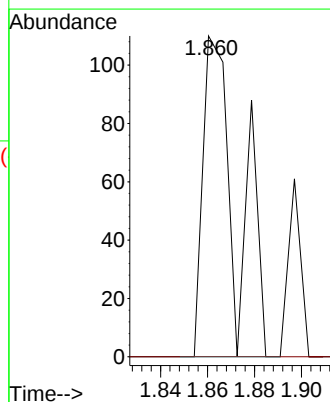
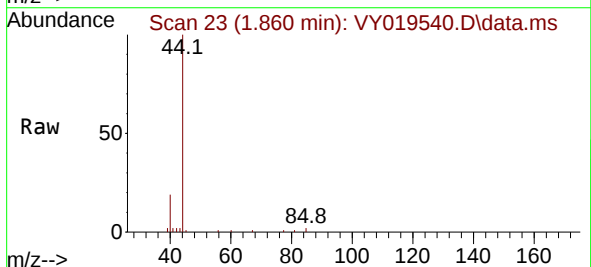
Instrument :
MSVOA_Y
ClientSampleId :
WC-C-GRAB

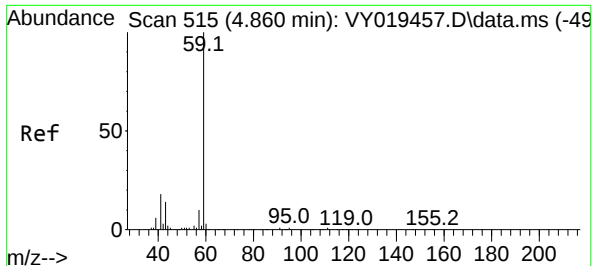
Tgt Ion:168 Resp: 346719
Ion Ratio Lower Upper
168 100
99 60.7 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.860 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY019540.D
Acq: 13 Sep 2024 15:35

Tgt Ion: 85 Resp: 109
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#11

Tert butyl alcohol

Concen: 2.029 ug/l

RT: 4.842 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY019540.D

Acq: 13 Sep 2024 15:35

Instrument :

MSVOA_Y

ClientSampleId :

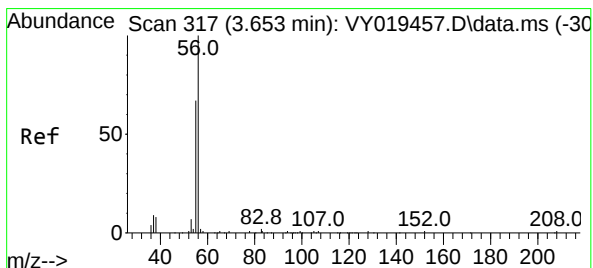
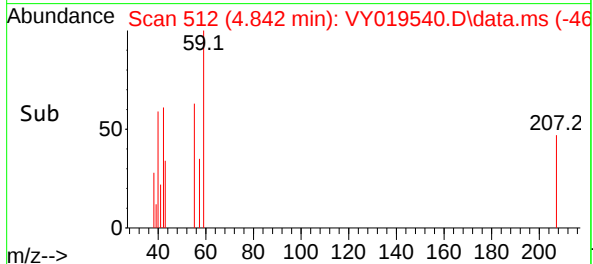
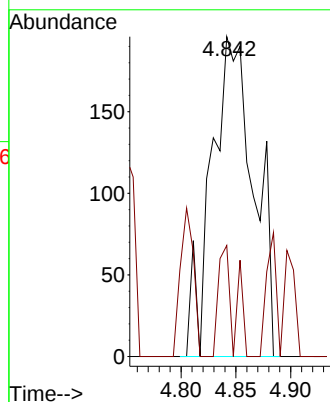
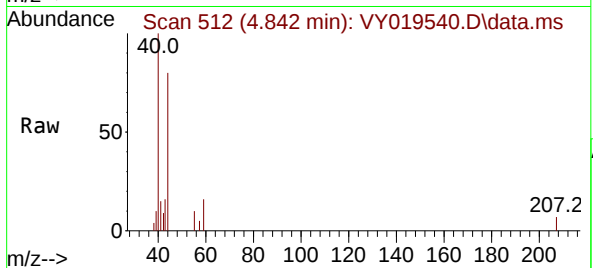
WC-C-GRAB

Tgt Ion: 59 Resp: 526

Ion Ratio Lower Upper

59 100

57 12.9 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.659 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY019540.D

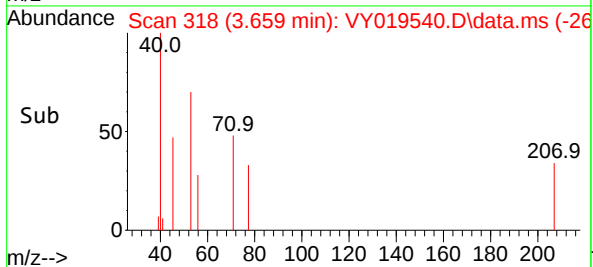
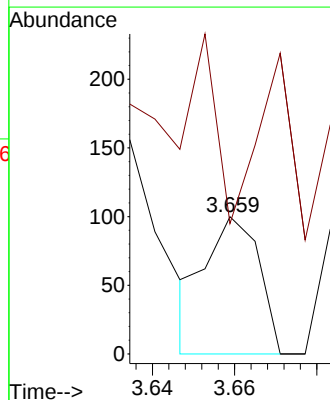
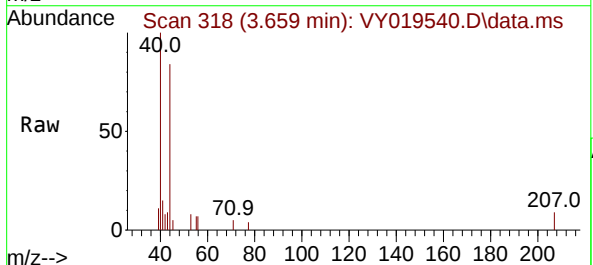
Acq: 13 Sep 2024 15:35

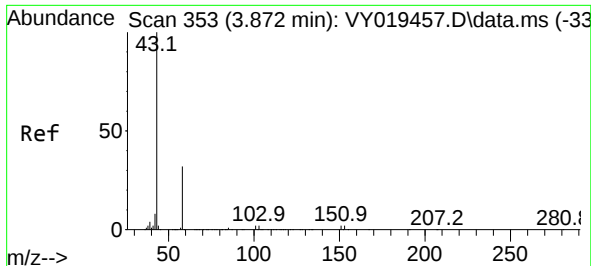
Tgt Ion: 56 Resp: 89

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#

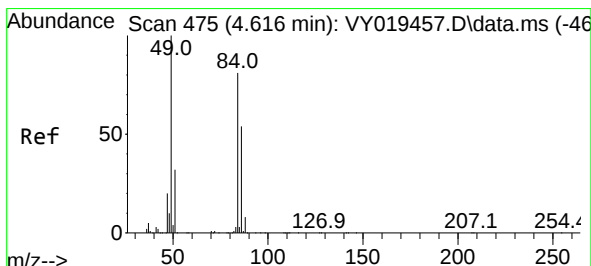
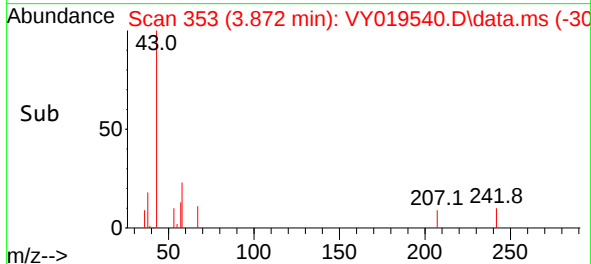
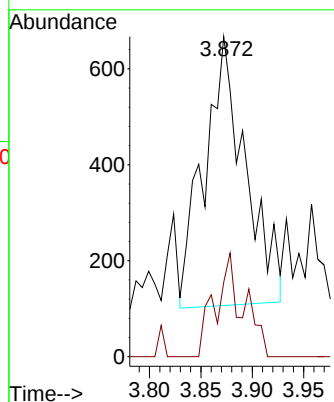
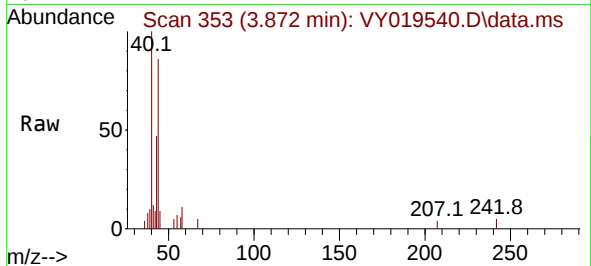




#16
Acetone
Concen: 2.049 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019540.D
Acq: 13 Sep 2024 15:35

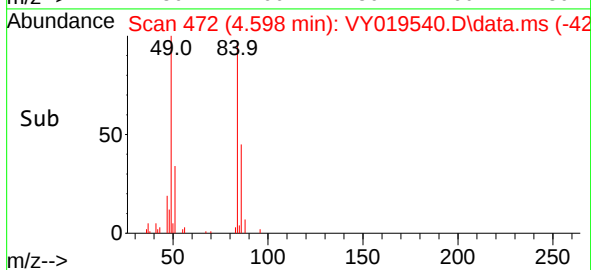
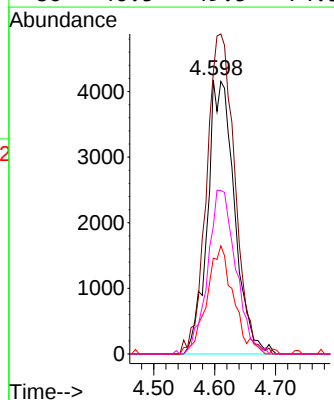
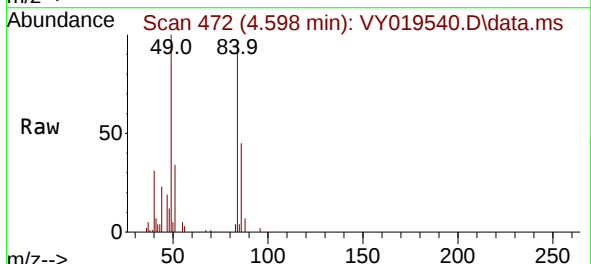
Instrument :
MSVOA_Y
ClientSampleId :
WC-C-GRAB

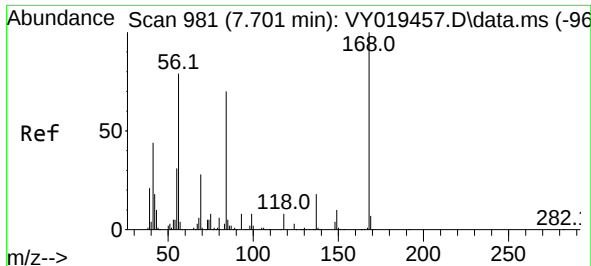
Tgt Ion: 43 Resp: 1567
Ion Ratio Lower Upper
43 100
58 28.4 31.7 47.5#



#20
Methylene Chloride
Concen: 3.701 ug/l
RT: 4.598 min Scan# 472
Delta R.T. -0.018 min
Lab File: VY019540.D
Acq: 13 Sep 2024 15:35

Tgt Ion: 84 Resp: 12911
Ion Ratio Lower Upper
84 100
49 102.6 84.4 126.6
51 35.0 26.0 39.0
86 46.5 49.5 74.3#

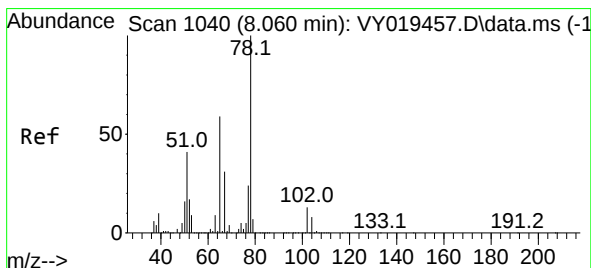
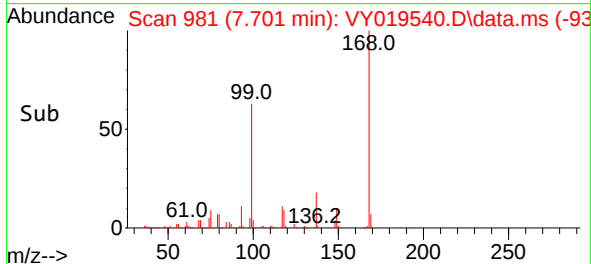
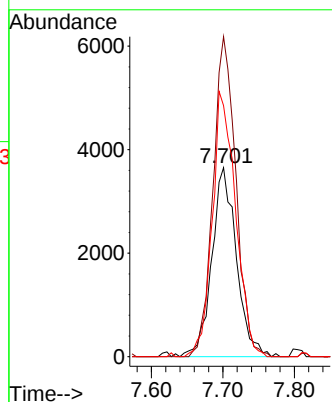
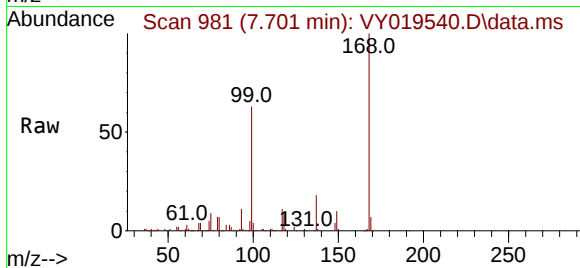




#31
Cyclohexane
Concen: 1.516 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019540.D
Acq: 13 Sep 2024 15:35

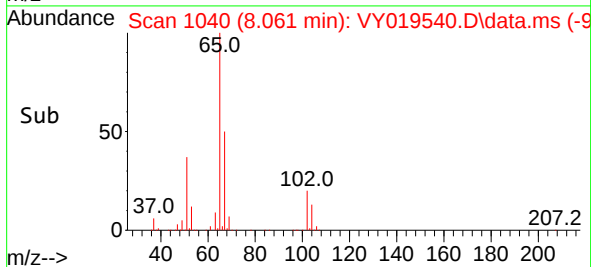
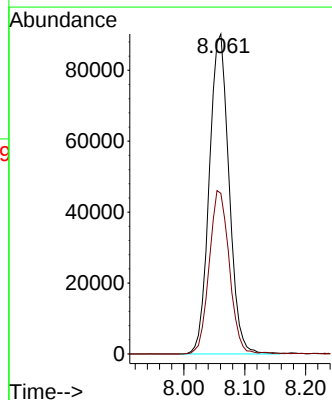
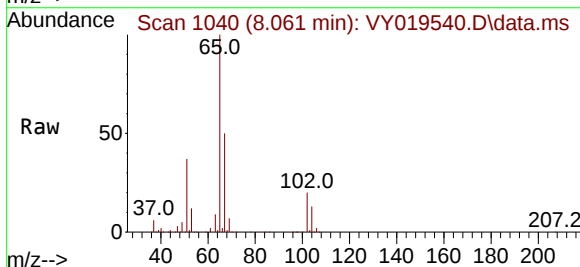
Instrument :
MSVOA_Y
ClientSampleId :
WC-C-GRAB

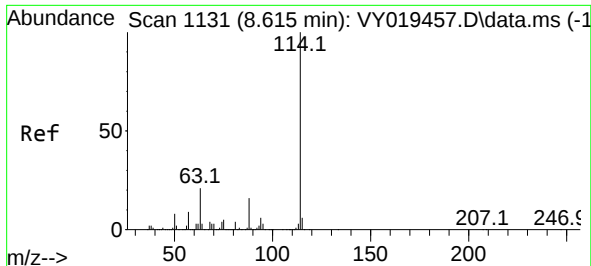
Tgt Ion: 56 Resp: 8710
Ion Ratio Lower Upper
56 100
69 169.3 28.7 43.1#
84 132.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 63.216 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019540.D
Acq: 13 Sep 2024 15:35

Tgt Ion: 65 Resp: 202959
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019540.D

Acq: 13 Sep 2024 15:35

Instrument :

MSVOA_Y

ClientSampleId :

WC-C-GRAB

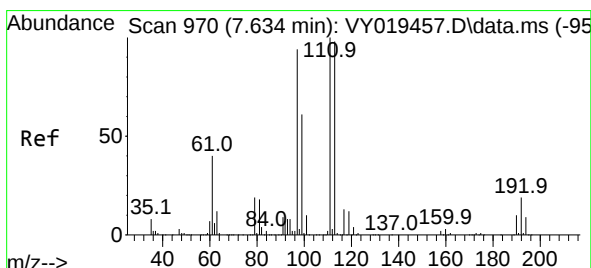
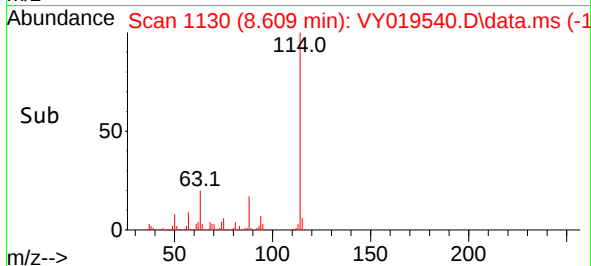
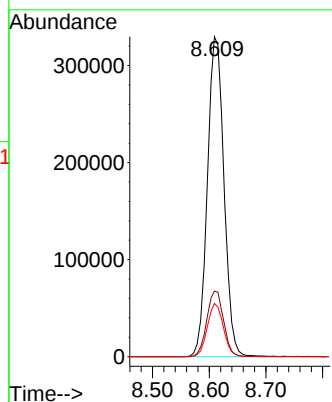
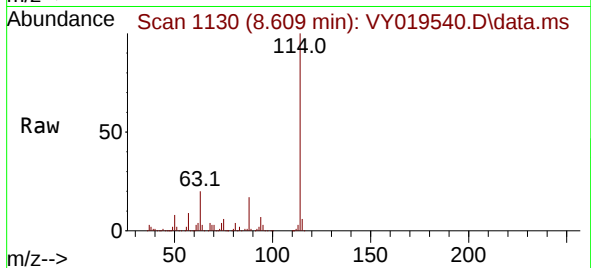
Tgt Ion:114 Resp: 668624

Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.0

88 16.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.154 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019540.D

Acq: 13 Sep 2024 15:35

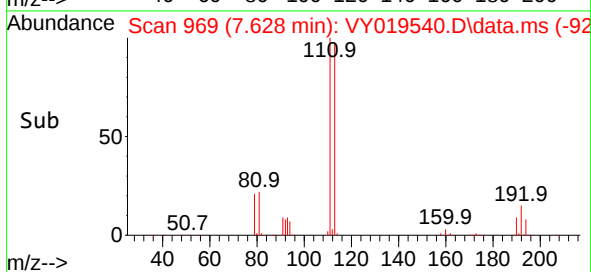
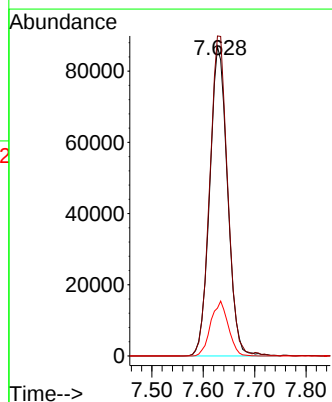
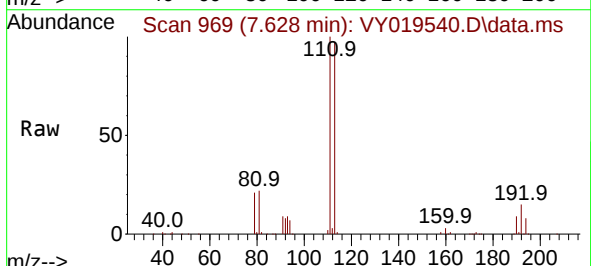
Tgt Ion:113 Resp: 209086

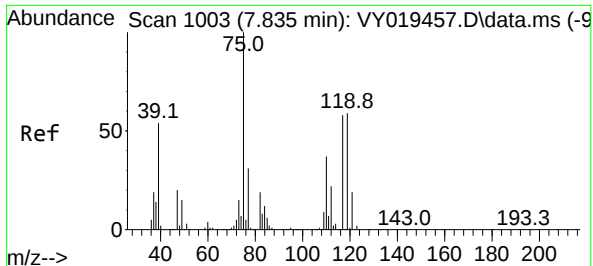
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 17.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.769 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY019540.D

Acq: 13 Sep 2024 15:35

Instrument :

MSVOA_Y

ClientSampleId :

WC-C-GRAB

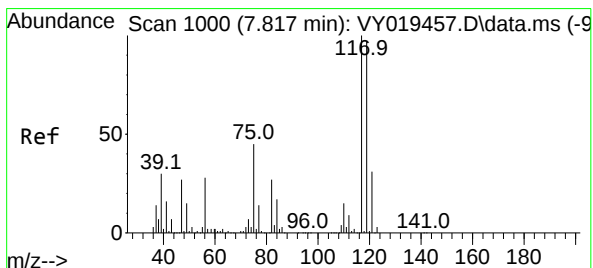
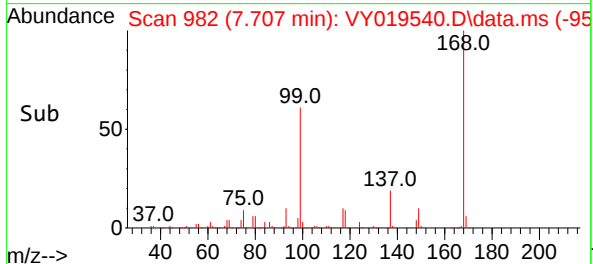
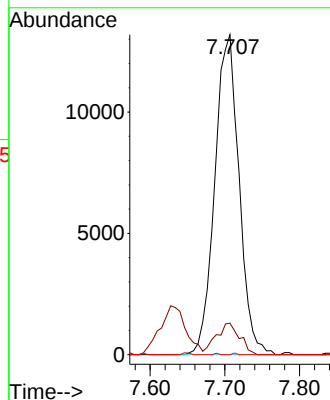
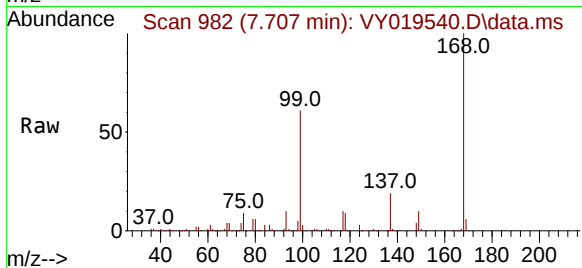
Tgt Ion: 75 Resp: 29759

Ion Ratio Lower Upper

75 100

110 9.6 19.0 57.0#

77 0.1 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.366 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY019540.D

Acq: 13 Sep 2024 15:35

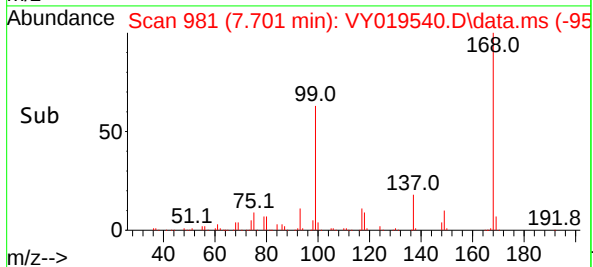
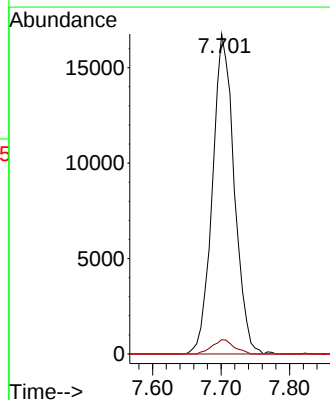
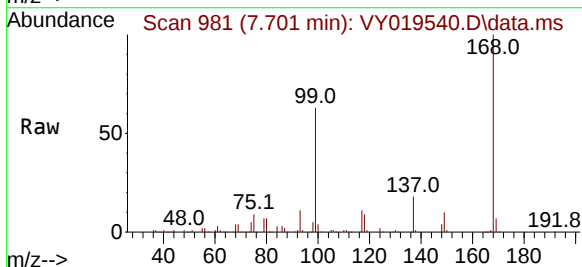
Tgt Ion: 117 Resp: 37034

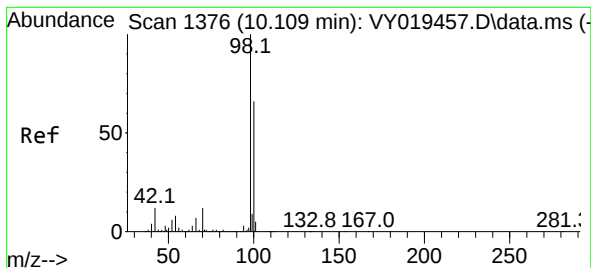
Ion Ratio Lower Upper

117 100

119 4.5 75.8 113.6#

121 0.0 24.0 36.0#

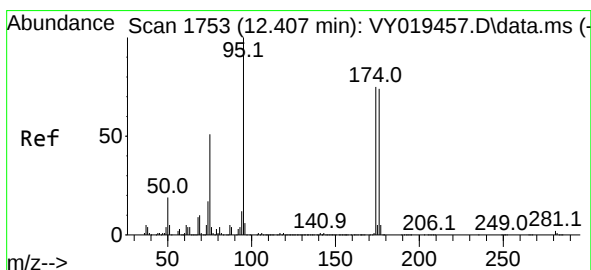
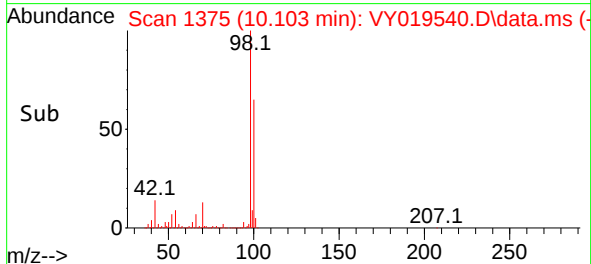
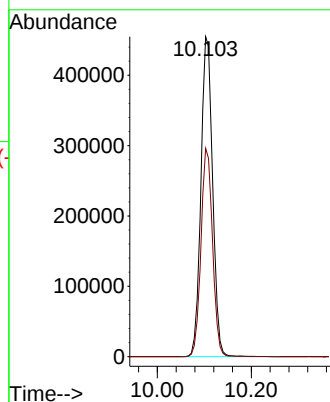
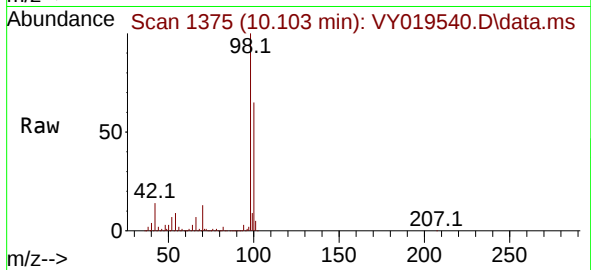




#50
Toluene-d8
Concen: 56.059 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019540.D
Acq: 13 Sep 2024 15:35

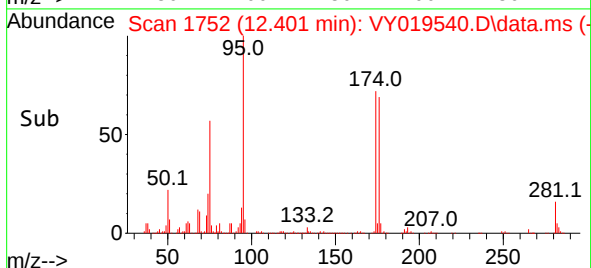
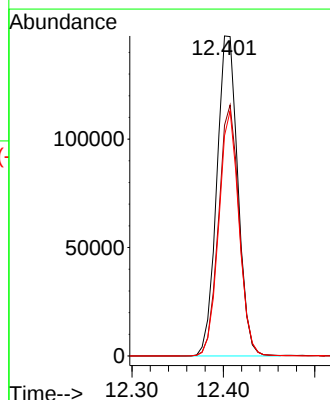
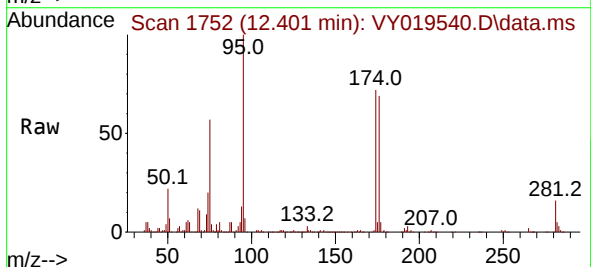
Instrument :
MSVOA_Y
ClientSampleId :
WC-C-GRAB

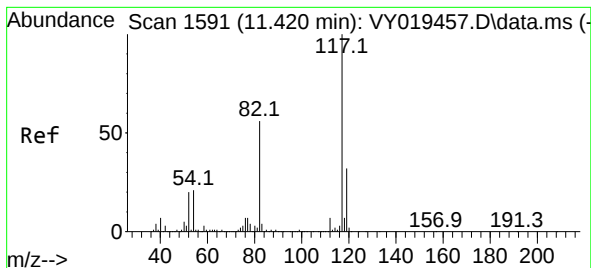
Tgt Ion: 98 Resp: 786055
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.930 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019540.D
Acq: 13 Sep 2024 15:35

Tgt Ion: 95 Resp: 236849
Ion Ratio Lower Upper
95 100
174 76.3 0.0 175.6
176 73.3 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: VY019540.D

Acq: 13 Sep 2024 15:35

Instrument :

MSVOA_Y

ClientSampleId :

WC-C-GRAB

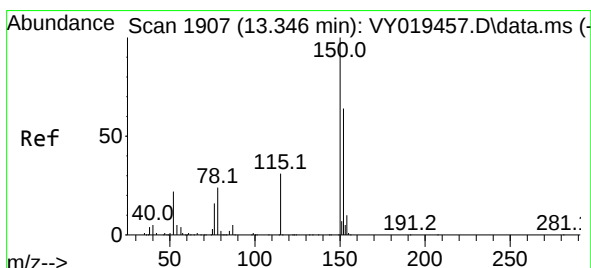
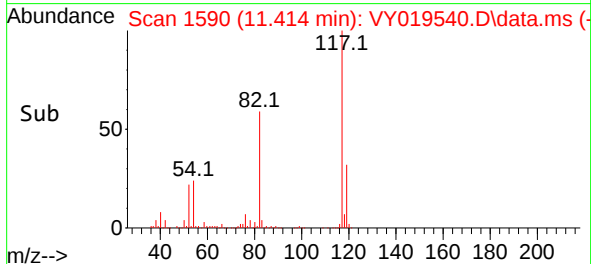
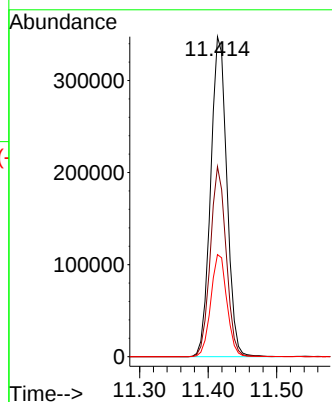
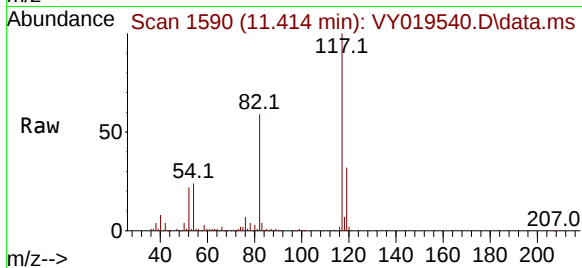
Tgt Ion:117 Resp: 570384

Ion Ratio Lower Upper

117 100

82 59.4 42.4 63.6

119 31.9 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: VY019540.D

Acq: 13 Sep 2024 15:35

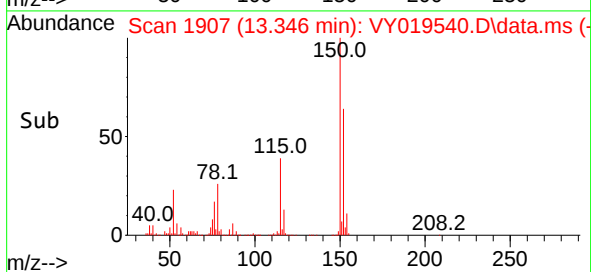
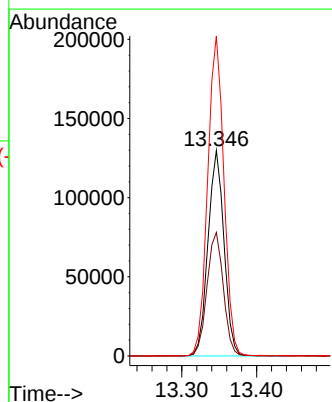
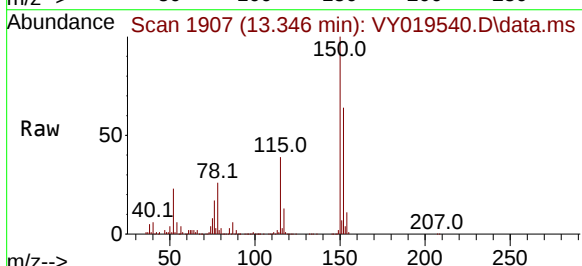
Tgt Ion:152 Resp: 193071

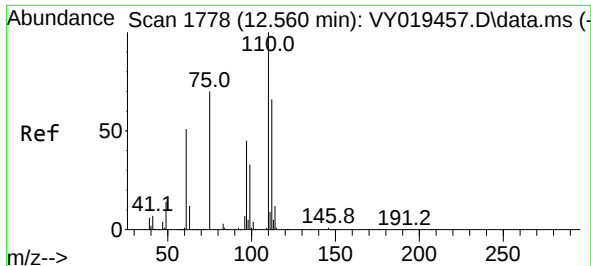
Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 158.0 0.0 345.6

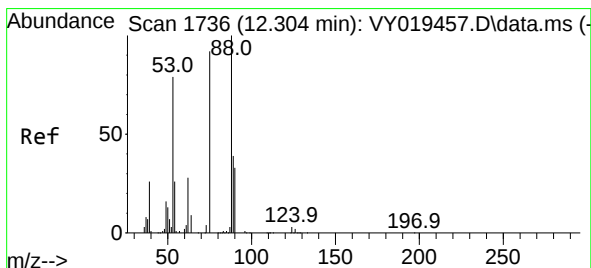
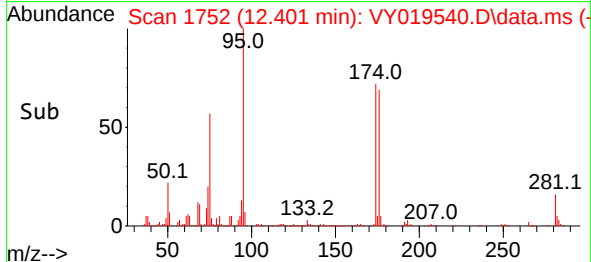
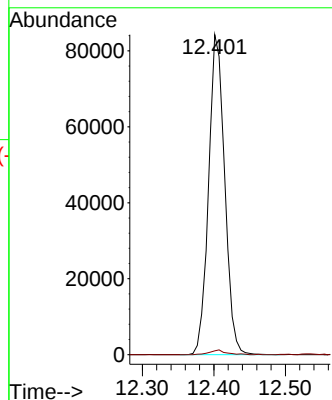
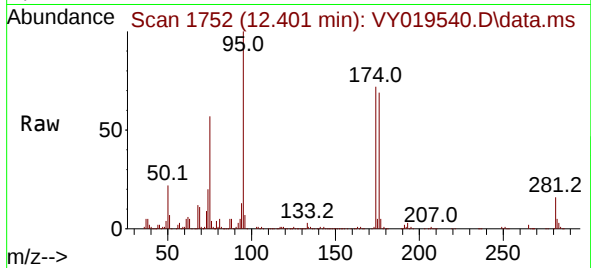




#76
1,2,3-Trichloropropane
Concen: 72.746 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019540.D
Acq: 13 Sep 2024 15:35

Instrument :
MSVOA_Y
ClientSampleId :
WC-C-GRAB

Tgt Ion: 75 Resp: 131644
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.651 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019540.D
Acq: 13 Sep 2024 15:35

Tgt Ion: 75 Resp: 131644
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 1.1 35.8 53.6#

