

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014244.D
 Acq On : 19 Jun 2023 21:40
 Operator : KP/MD
 Sample : 03320-19
 Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14A

Quant Time: Jun 20 05:02:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

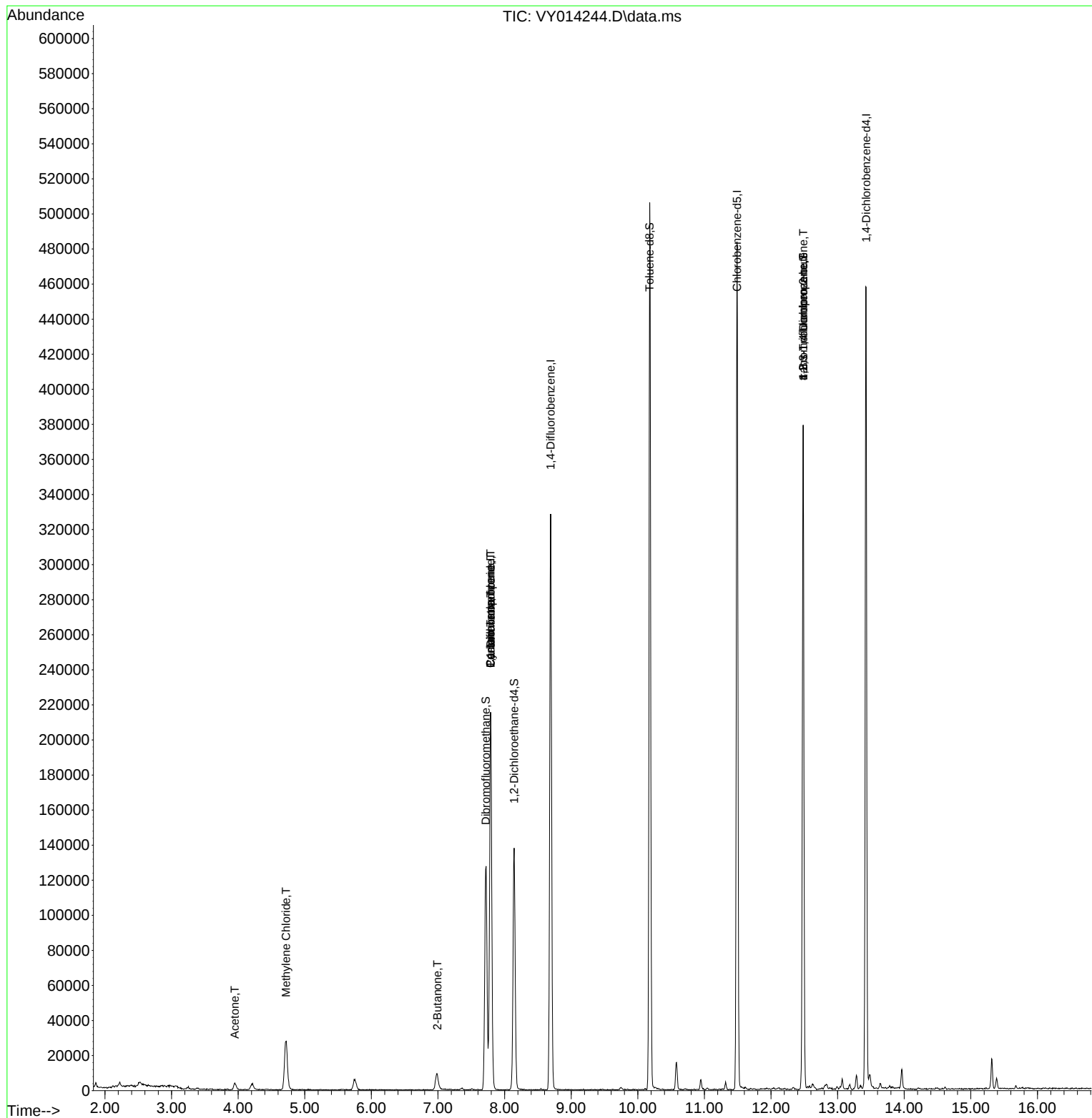
Internal Standards						
1) Pentafluorobenzene	7.789	168	166791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	270429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	258622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	112739	48.540	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.080%
35) Dibromofluoromethane	7.716	113	89091	46.454	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.900%
50) Toluene-d8	10.179	98	325046	45.334	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.660%
62) 4-Bromofluorobenzene	12.483	95	104503	41.030	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	203	Below Cal	#	89
16) Acetone	3.948	43	6437	9.194	ug/l	98
20) Methylene Chloride	4.716	84	20934	6.227	ug/l	99
25) 2-Butanone	6.990	43	3665	4.253	ug/l #	81
31) Cyclohexane	7.789	56	3747	1.204	ug/l #	40
36) 1,1-Dichloropropene	7.789	75	12582	4.208	ug/l #	50
38) Carbon Tetrachloride	7.789	117	16510	4.785	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	56809	35.605	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56809	76.964	ug/l #	11

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
Data File : VY014244.D
Acq On : 19 Jun 2023 21:40
Operator : KP/MD
Sample : 03320-19
Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14A

Quant Time: Jun 20 05:02:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

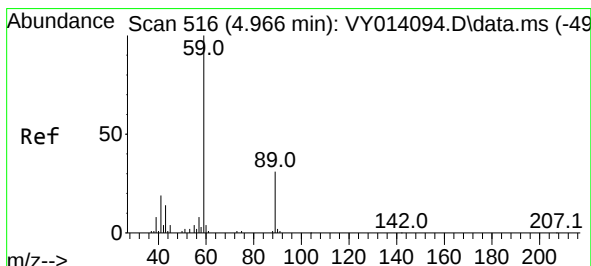
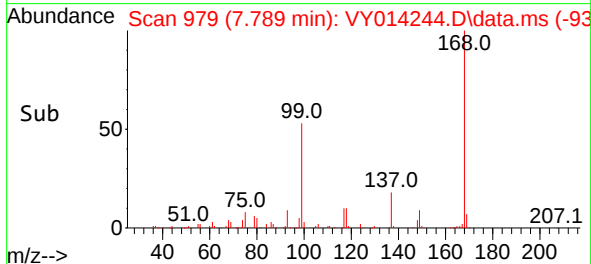
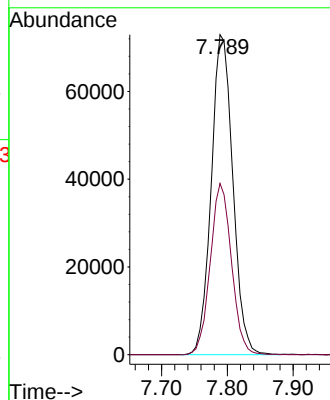
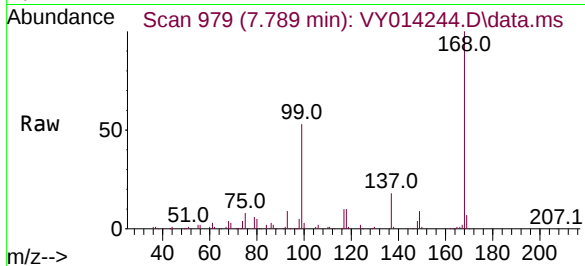




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014244.D
Acq: 19 Jun 2023 21:40

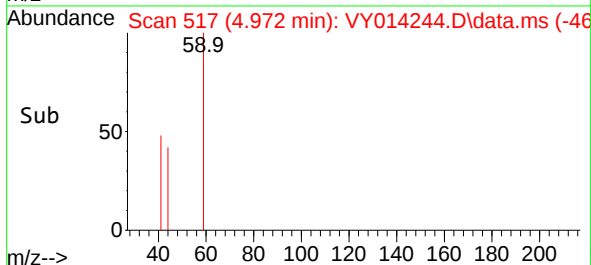
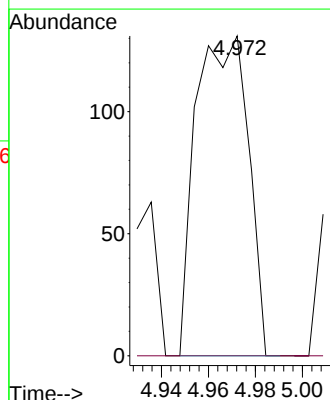
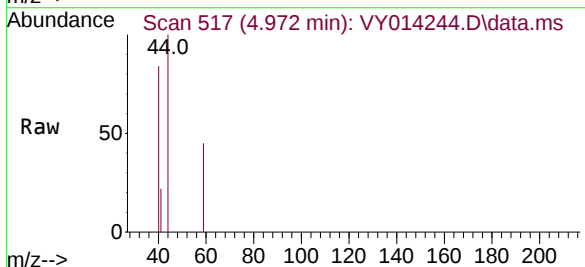
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A

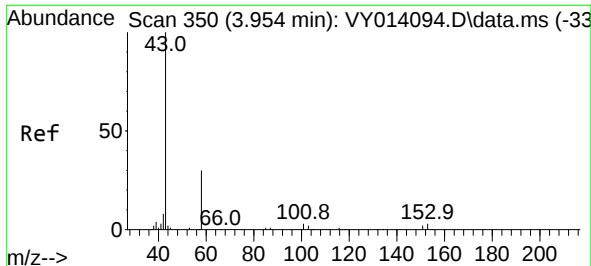
Tgt Ion:168 Resp: 166791
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY014244.D
Acq: 19 Jun 2023 21:40

Tgt Ion: 59 Resp: 203
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 9.194 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY014244.D

Acq: 19 Jun 2023 21:40

Instrument :

MSVOA_Y

ClientSampleId :

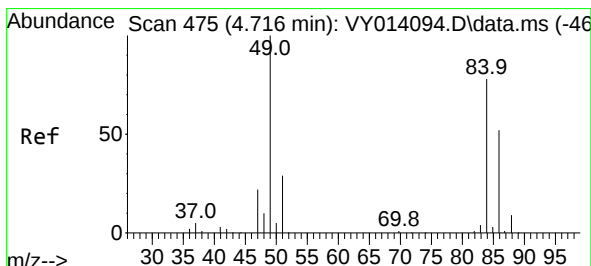
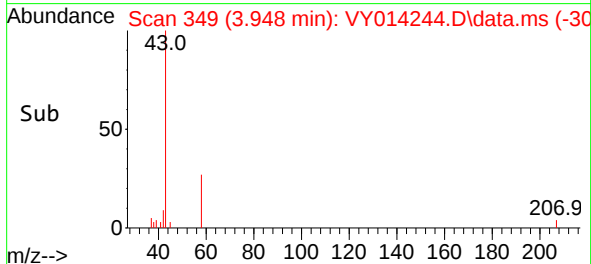
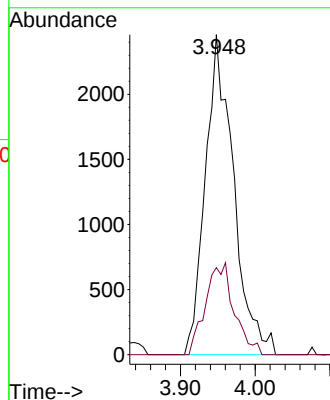
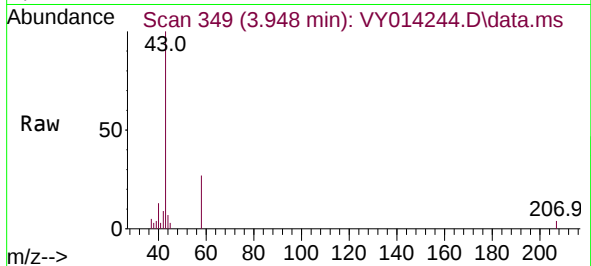
WC-14A

Tgt Ion: 43 Resp: 6437

Ion Ratio Lower Upper

43 100

58 27.2 22.7 34.1



#20

Methylene Chloride

Concen: 6.227 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY014244.D

Acq: 19 Jun 2023 21:40

Tgt Ion: 84 Resp: 20934

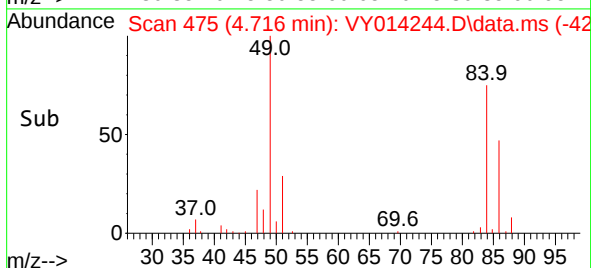
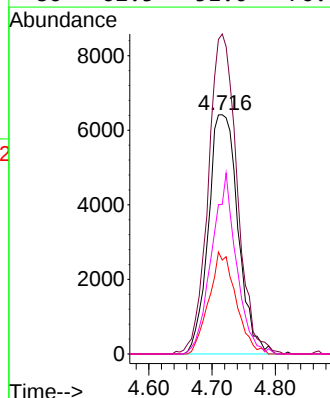
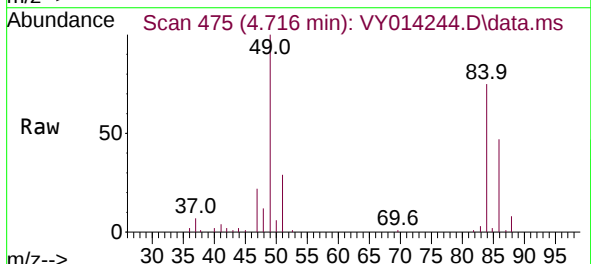
Ion Ratio Lower Upper

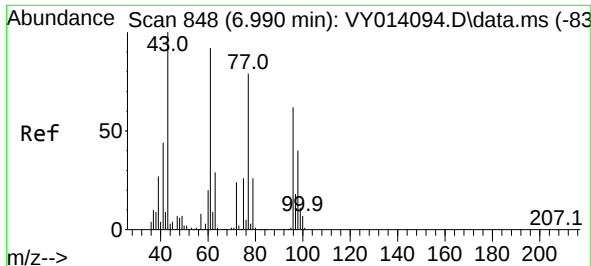
84 100

49 132.9 106.9 160.3

51 39.3 33.2 49.8

86 62.5 51.0 76.6





#25

2-Butanone

Concen: 4.253 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY014244.D

Acq: 19 Jun 2023 21:40

Instrument :

MSVOA_Y

ClientSampleId :

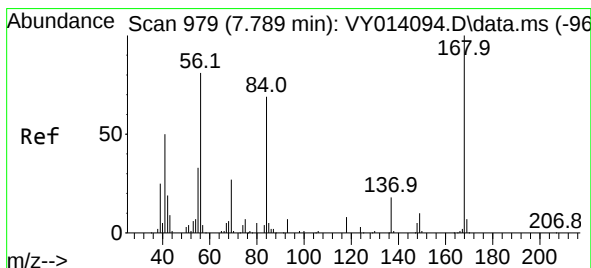
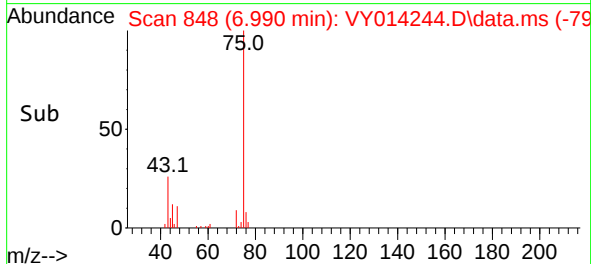
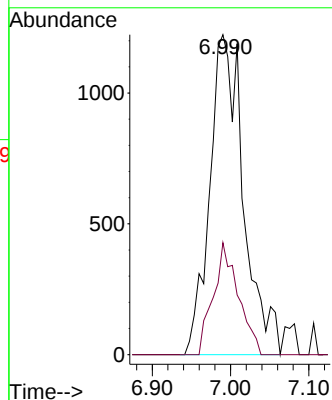
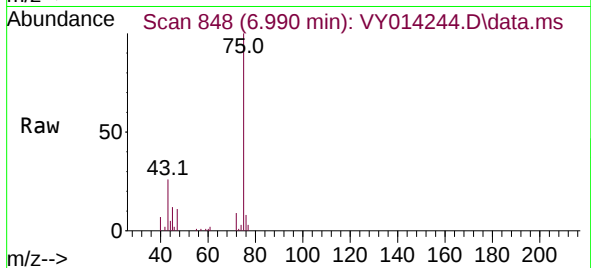
WC-14A

Tgt Ion: 43 Resp: 3665

Ion Ratio Lower Upper

43 100

72 35.0 20.5 30.7#



#31

Cyclohexane

Concen: 1.204 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY014244.D

Acq: 19 Jun 2023 21:40

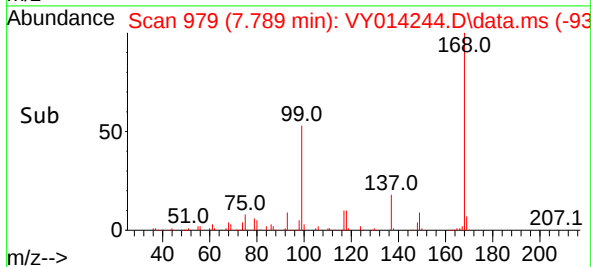
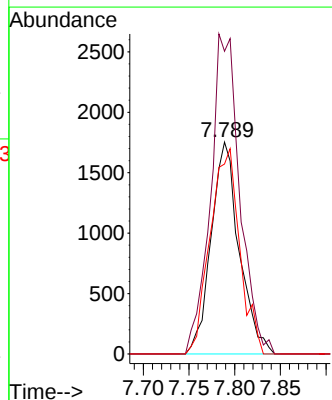
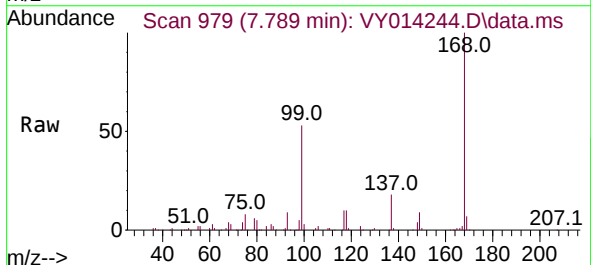
Tgt Ion: 56 Resp: 3747

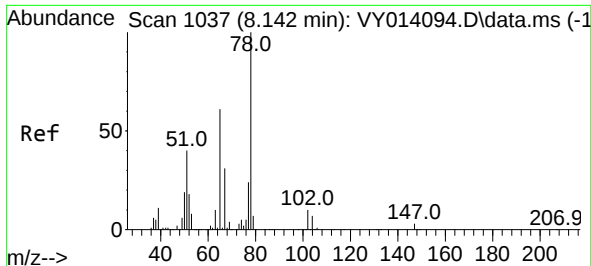
Ion Ratio Lower Upper

56 100

69 142.9 27.8 41.6#

84 89.7 66.4 99.6





#33

1,2-Dichloroethane-d4

Concen: 48.540 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014244.D

Acq: 19 Jun 2023 21:40

Instrument :

MSVOA_Y

ClientSampleId :

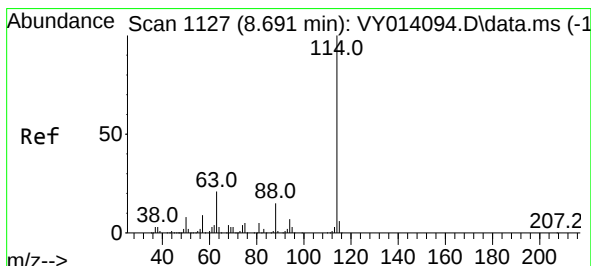
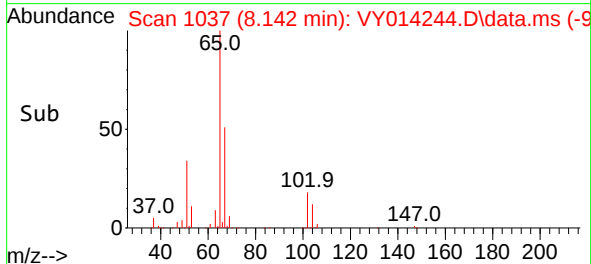
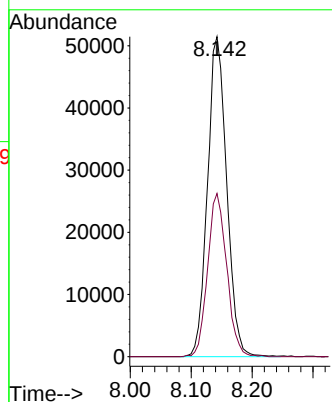
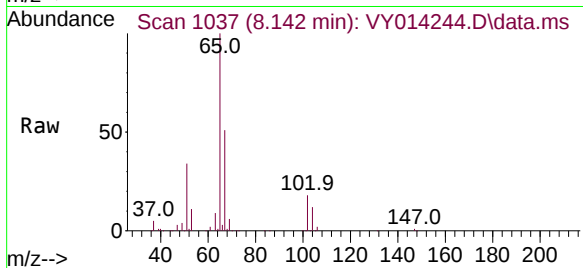
WC-14A

Tgt Ion: 65 Resp: 112739

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014244.D

Acq: 19 Jun 2023 21:40

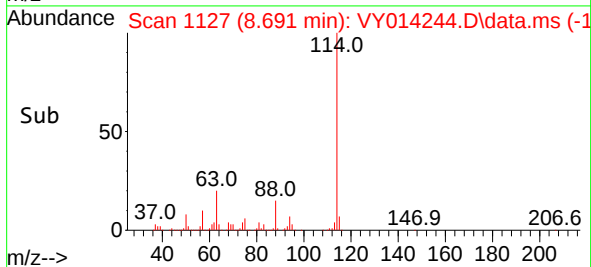
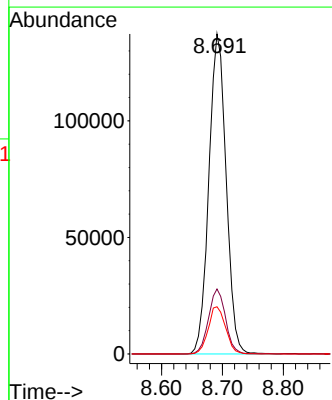
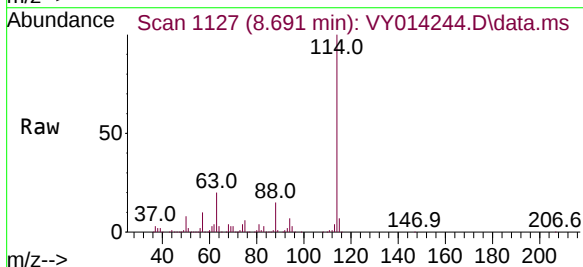
Tgt Ion: 114 Resp: 270429

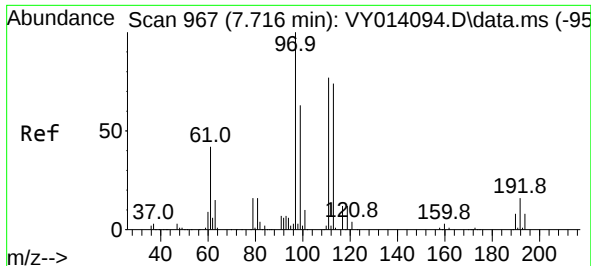
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 14.7 0.0 30.6

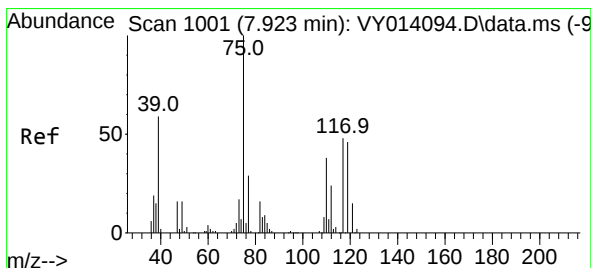
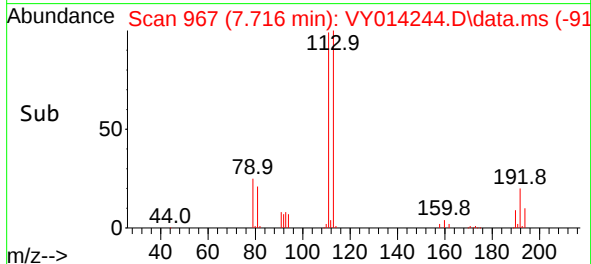
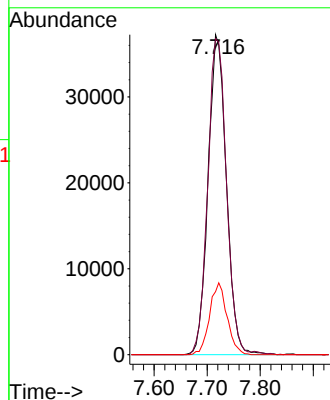
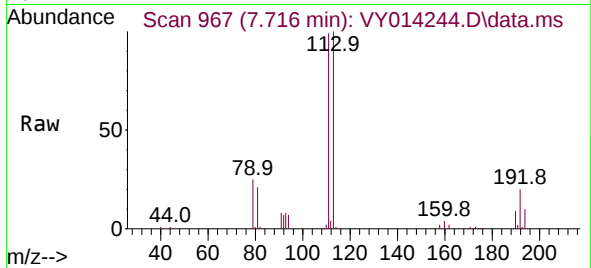




#35
Dibromofluoromethane
Concen: 46.454 ug/l
RT: 7.716 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY014244.D
Acq: 19 Jun 2023 21:40

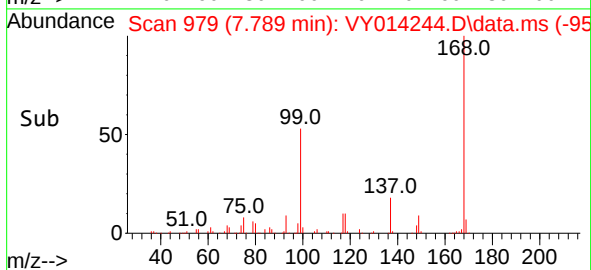
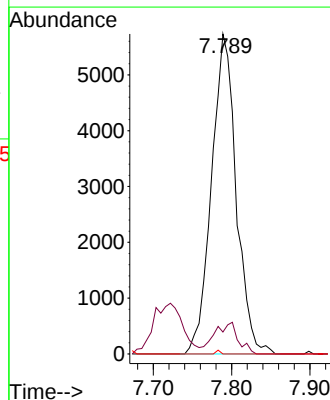
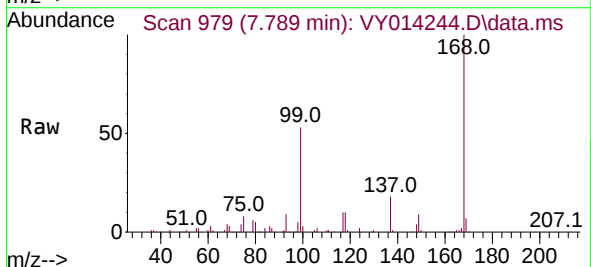
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A

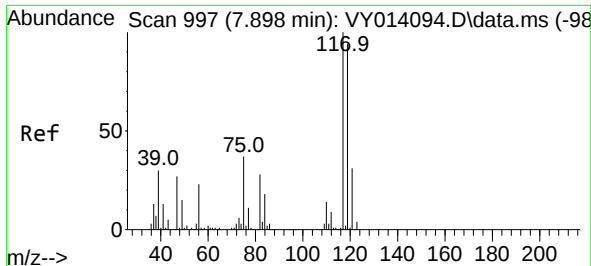
Tgt Ion:113 Resp: 89091
Ion Ratio Lower Upper
113 100
111 101.0 81.3 121.9
192 21.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.208 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY014244.D
Acq: 19 Jun 2023 21:40

Tgt Ion: 75 Resp: 12582
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.2 24.4 36.6#

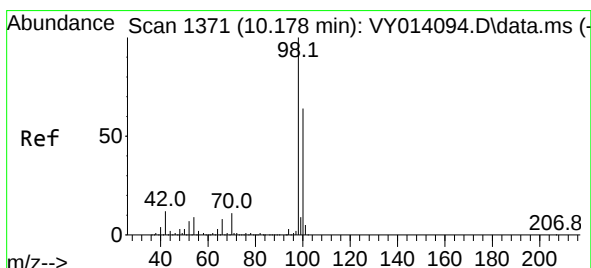
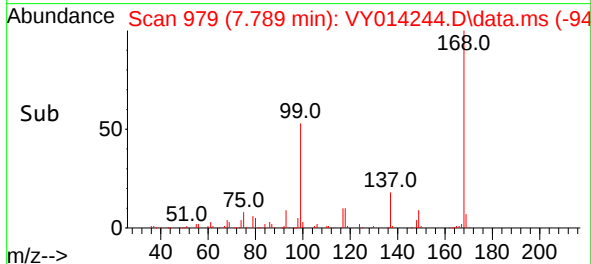
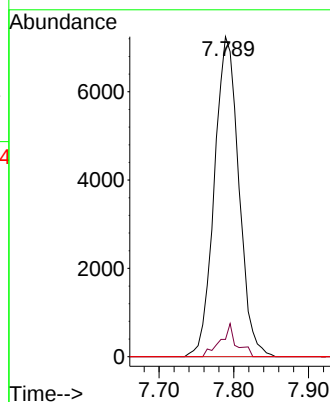
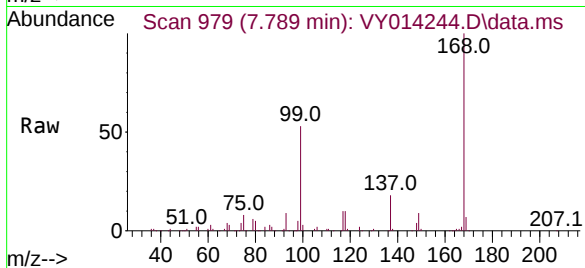




#38
Carbon Tetrachloride
Concen: 4.785 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014244.D
Acq: 19 Jun 2023 21:40

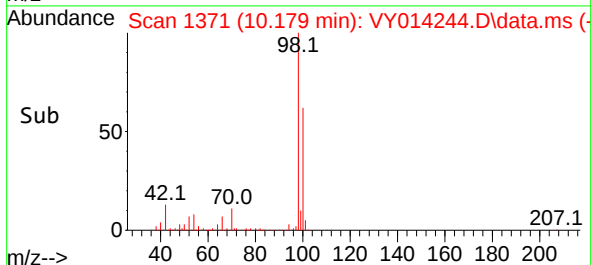
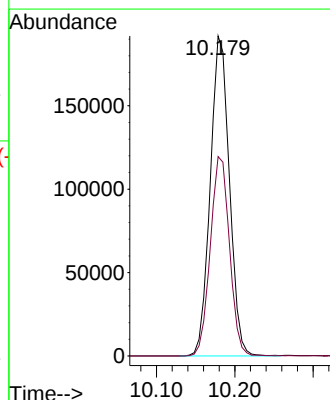
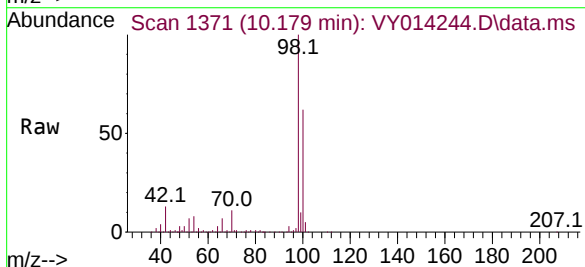
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A

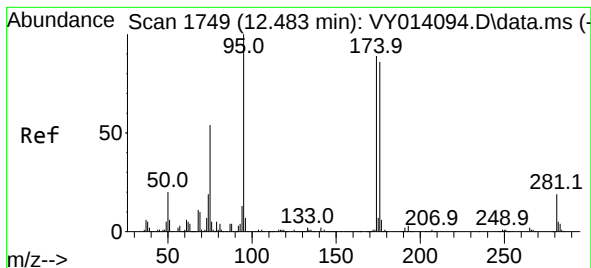
Tgt Ion:117 Resp: 16510
Ion Ratio Lower Upper
117 100
119 5.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 45.334 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014244.D
Acq: 19 Jun 2023 21:40

Tgt Ion: 98 Resp: 325046
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 41.030 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014244.D

Acq: 19 Jun 2023 21:40

Instrument :

MSVOA_Y

ClientSampleId :

WC-14A

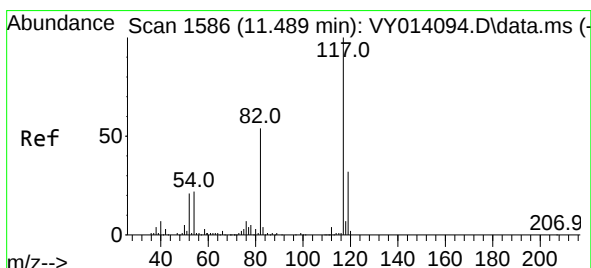
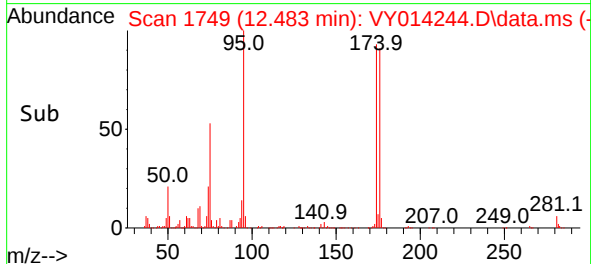
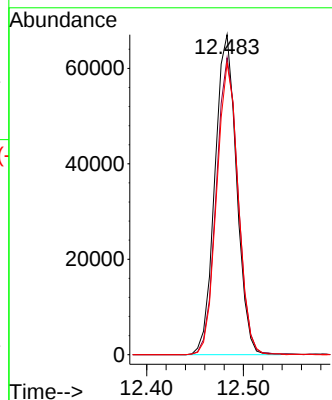
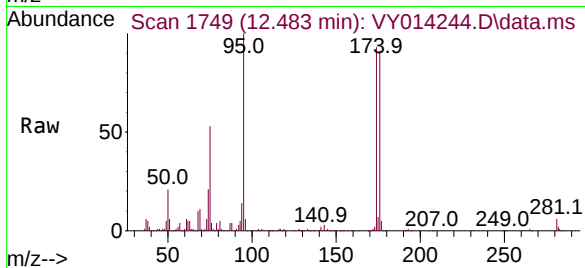
Tgt Ion: 95 Resp: 104503

Ion Ratio Lower Upper

95 100

174 92.7 0.0 178.2

176 90.0 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY014244.D

Acq: 19 Jun 2023 21:40

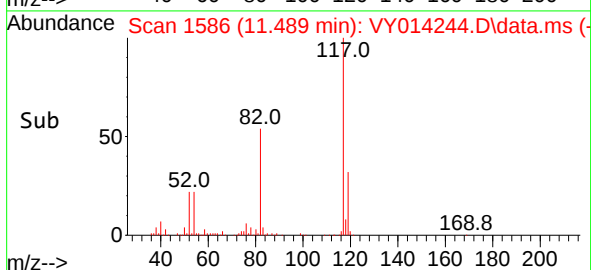
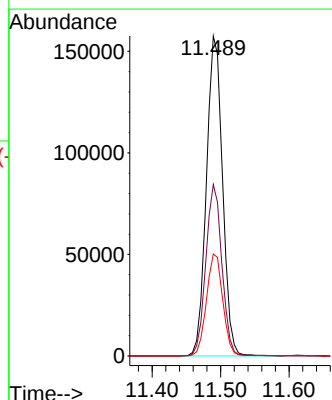
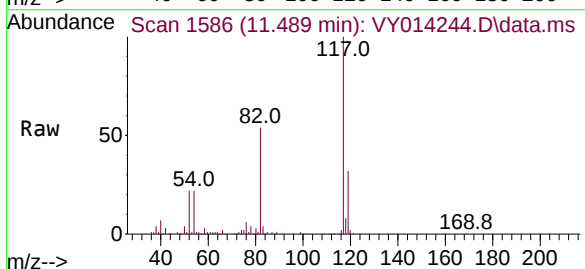
Tgt Ion: 117 Resp: 258622

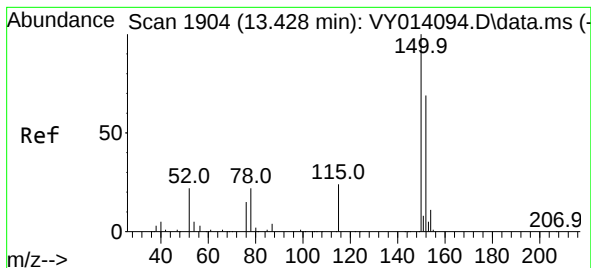
Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

119 31.9 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014244.D

Acq: 19 Jun 2023 21:40

Instrument :

MSVOA_Y

ClientSampleId :

WC-14A

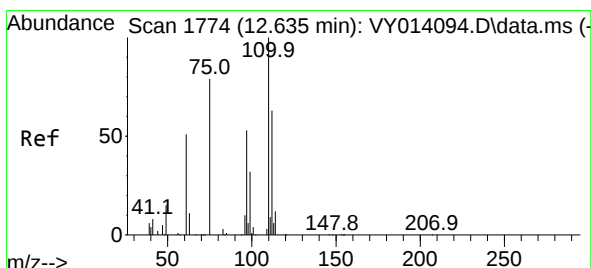
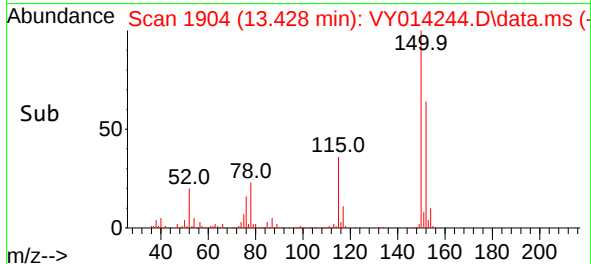
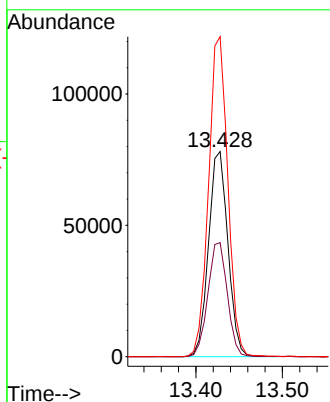
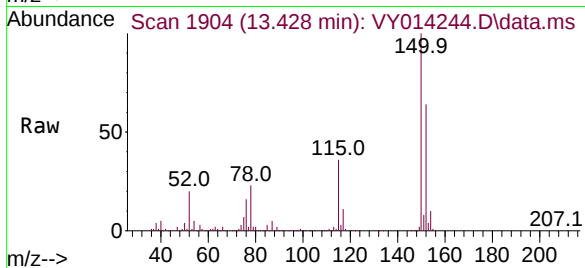
Tgt Ion:152 Resp: 121614

Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 154.8 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 35.605 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY014244.D

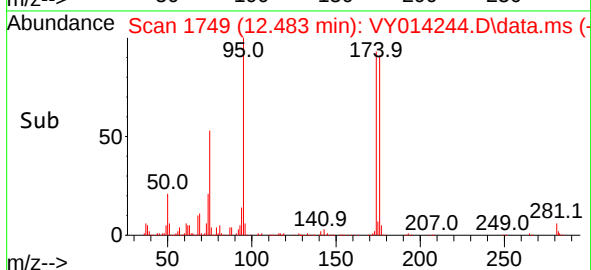
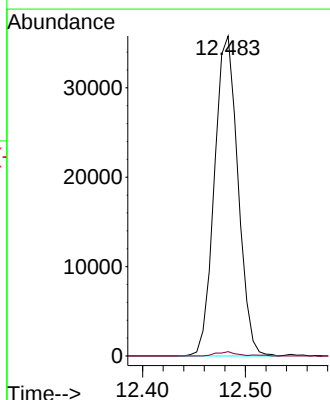
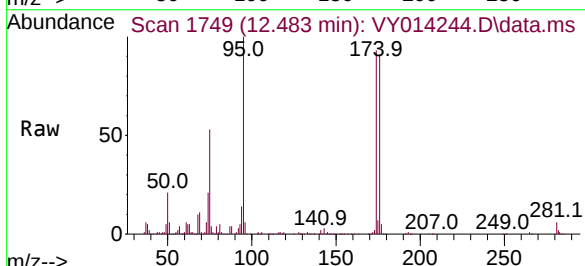
Acq: 19 Jun 2023 21:40

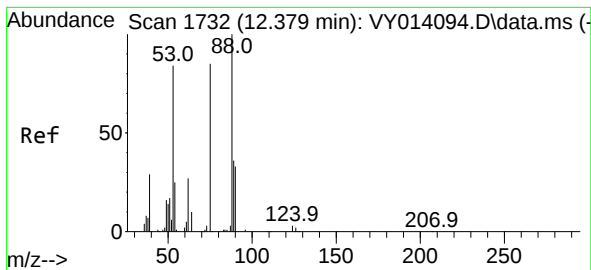
Tgt Ion: 75 Resp: 56809

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.964 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014244.D
 Acq: 19 Jun 2023 21:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14A

Tgt Ion: 75 Resp: 56809
 Ion Ratio Lower Upper
 75 100
 53 0.6 77.8 116.8#
 89 0.0 37.4 56.0#

