

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014208.D
 Acq On : 16 Jun 2023 17:11
 Operator : KP/MD
 Sample : 03282-04
 Misc : 4.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-NEX-001-G

Quant Time: Jun 16 23:23:22 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)

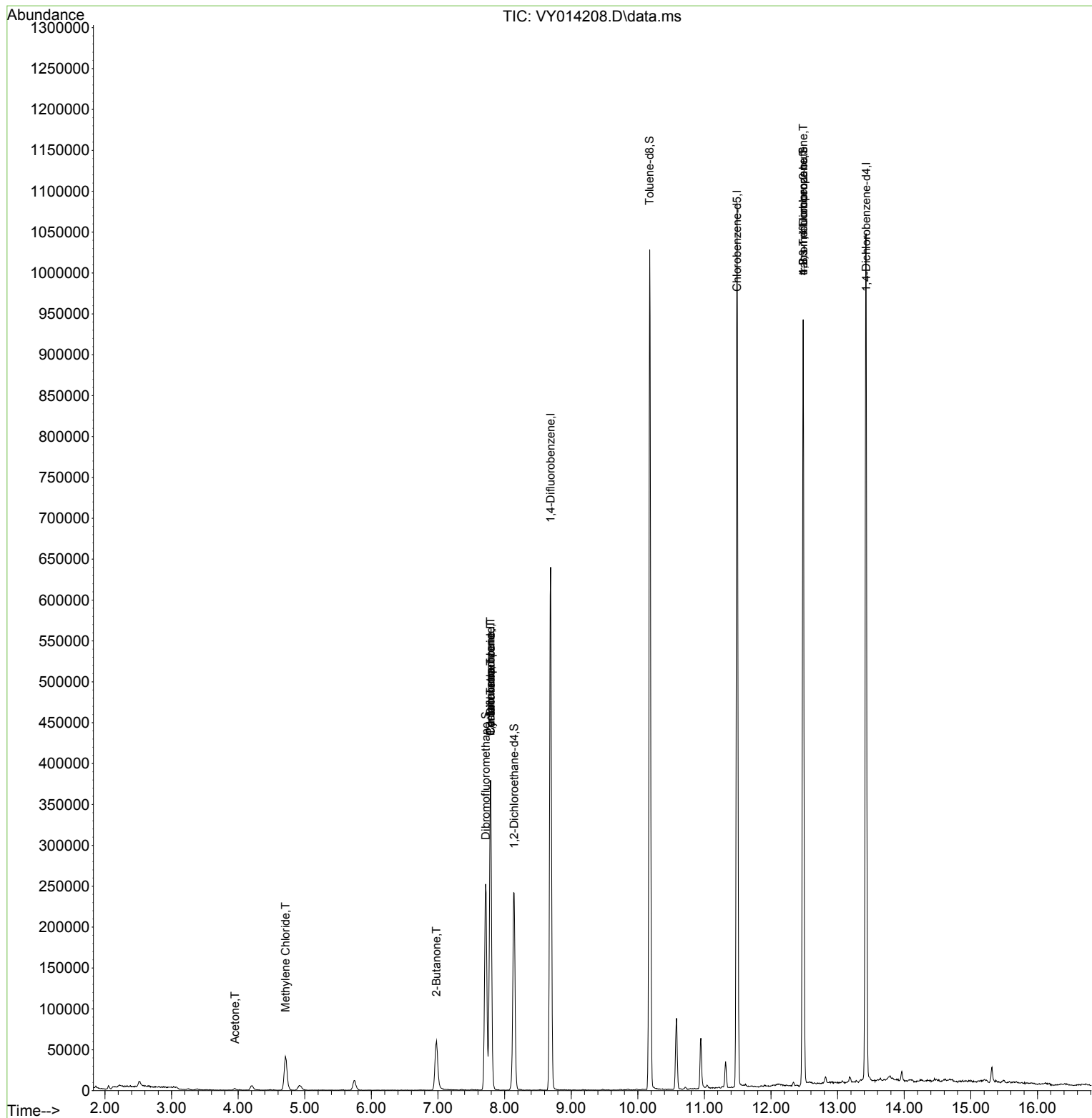
Internal Standards						
1) Pentafluorobenzene	7.789	168	289225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	525651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	556988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	268477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	203677	50.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.140%
35) Dibromofluoromethane	7.716	113	174635	46.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.700%
50) Toluene-d8	10.179	98	659221	47.301	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.600%
62) 4-Bromofluorobenzene	12.483	95	253061	51.116	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.240%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	3484	Below Cal	#	89
16) Acetone	3.954	43	3459	2.849	ug/l	93
20) Methylene Chloride	4.710	84	29665	4.383	ug/l	92
25) 2-Butanone	6.978	43	3732	2.497	ug/l	# 78
31) Cyclohexane	7.789	56	6439	1.193	ug/l	# 20
36) 1,1-Dichloropropene	7.789	75	23189	3.990	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	29052	4.332	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	140853	39.988	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	140853	86.439	ug/l	# 11

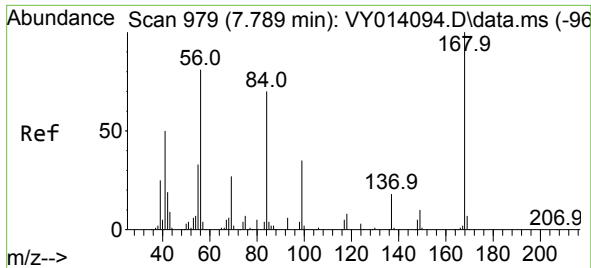
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

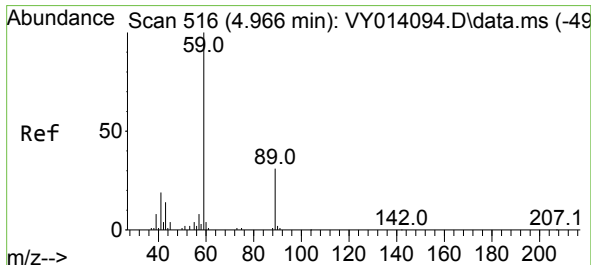
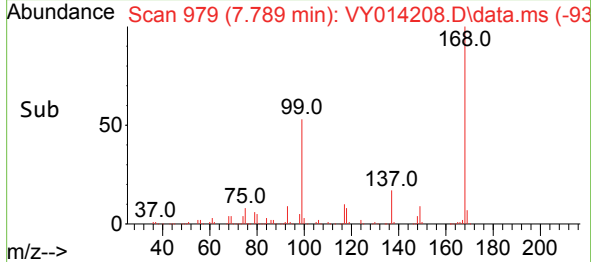
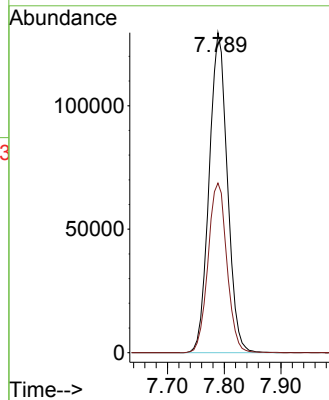
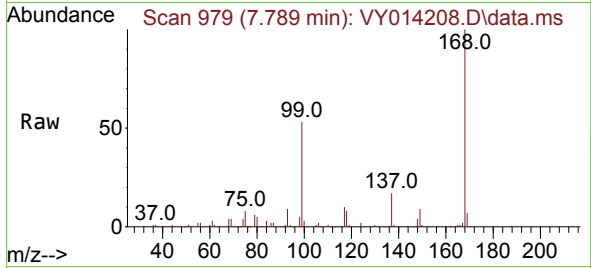




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014208.D
Acq: 16 Jun 2023 17:11

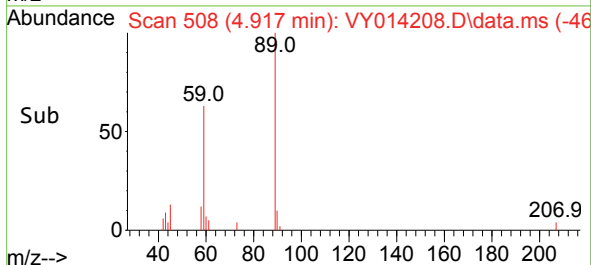
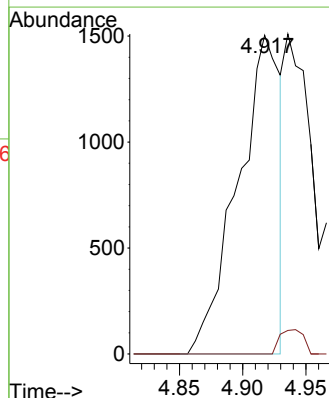
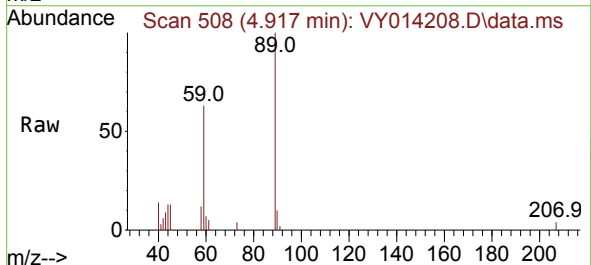
Instrument :
MSVOA_Y
ClientSampleId :
WC-NEX-001-G

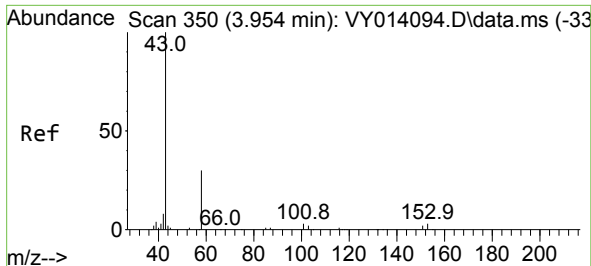
Tgt Ion:168 Resp: 289225
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.049 min
Lab File: VY014208.D
Acq: 16 Jun 2023 17:11

Tgt Ion: 59 Resp: 3484
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 2.849 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.000 min

Lab File: VY014208.D

Acq: 16 Jun 2023 17:11

Instrument :

MSVOA_Y

ClientSampleId :

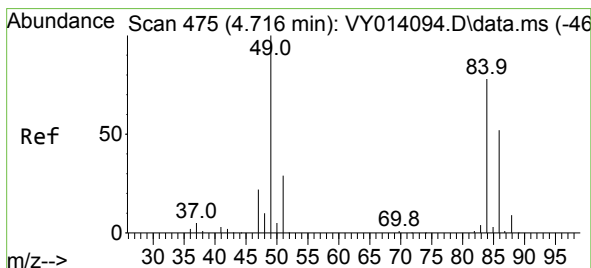
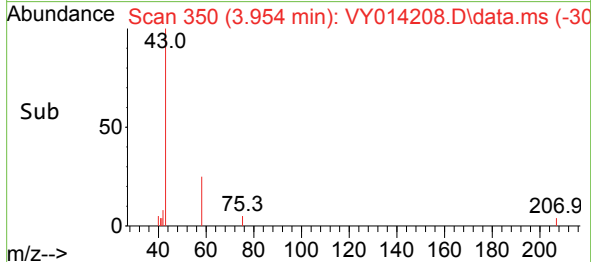
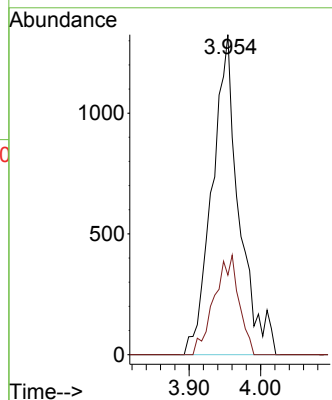
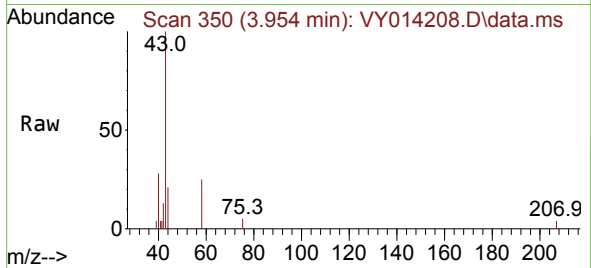
WC-NEX-001-G

Tgt Ion: 43 Resp: 3459

Ion Ratio Lower Upper

43 100

58 24.8 22.7 34.1



#20

Methylene Chloride

Concen: 4.383 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY014208.D

Acq: 16 Jun 2023 17:11

Tgt Ion: 84 Resp: 29665

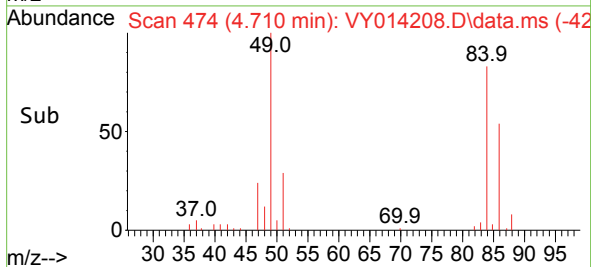
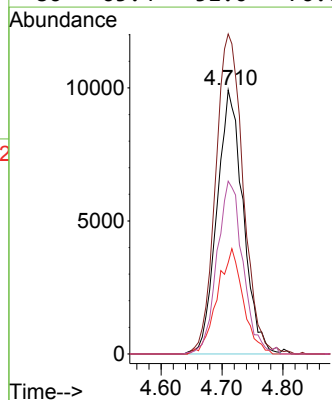
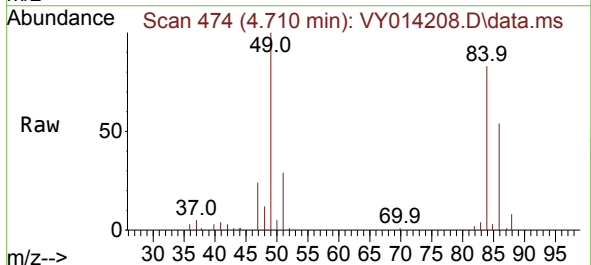
Ion Ratio Lower Upper

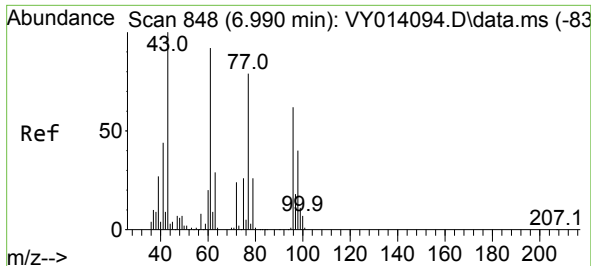
84 100

49 121.2 106.9 160.3

51 34.6 33.2 49.8

86 65.4 51.0 76.6





#25

2-Butanone

Concen: 2.497 ug/l

RT: 6.978 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY014208.D

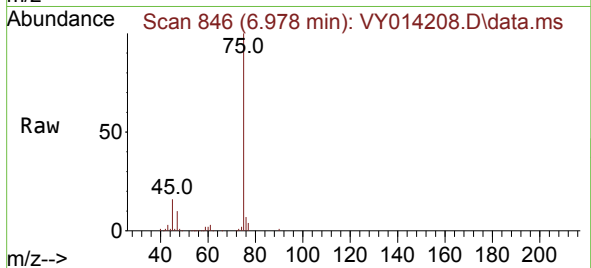
Acq: 16 Jun 2023 17:11

Instrument :

MSVOA_Y

ClientSampleId :

WC-NEX-001-G

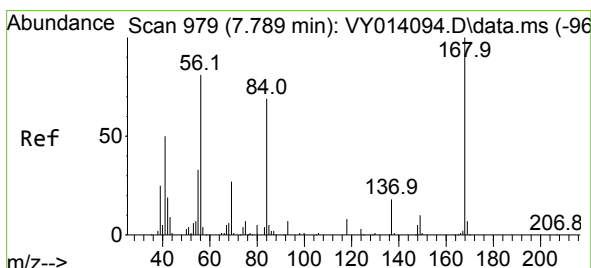
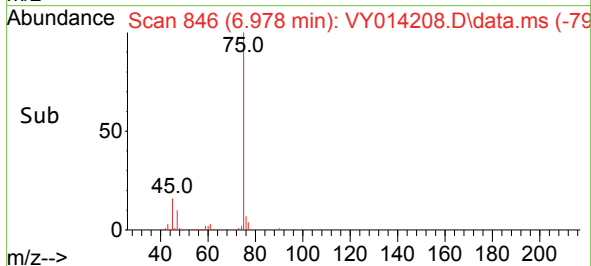
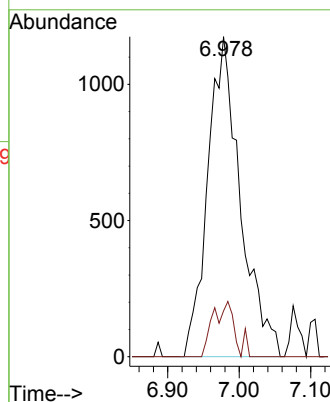


Tgt Ion: 43 Resp: 3732

Ion Ratio Lower Upper

43 100

72 14.3 20.5 30.7#



#31

Cyclohexane

Concen: 1.193 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY014208.D

Acq: 16 Jun 2023 17:11

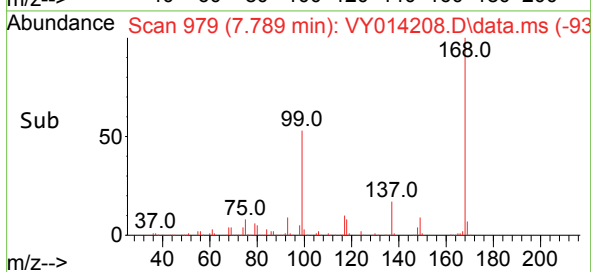
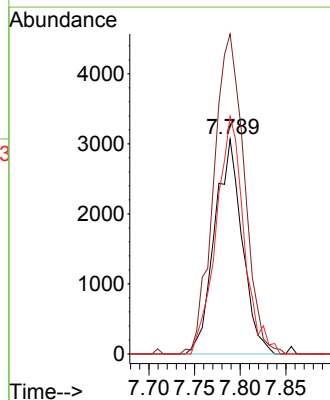
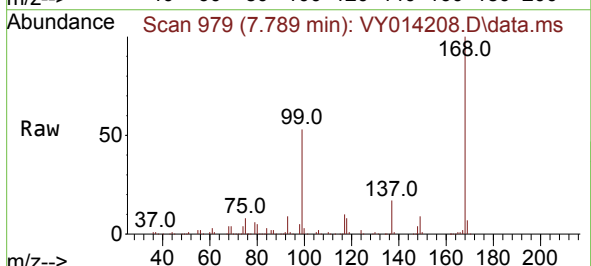
Tgt Ion: 56 Resp: 6439

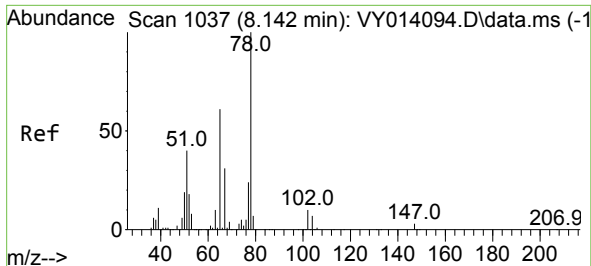
Ion Ratio Lower Upper

56 100

69 149.1 27.8 41.6#

84 110.7 66.4 99.6#



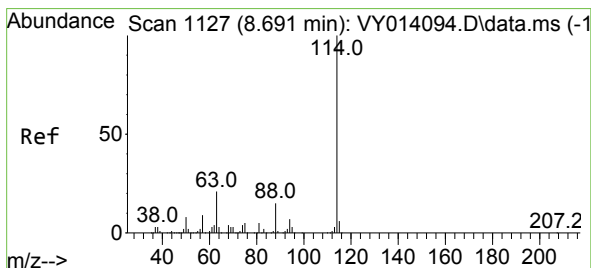
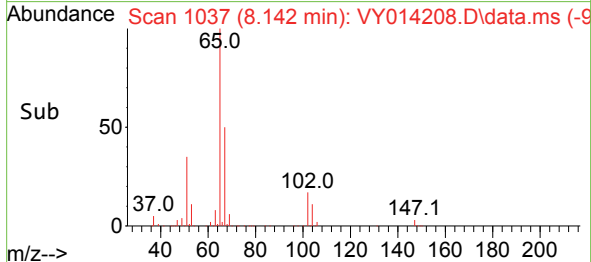
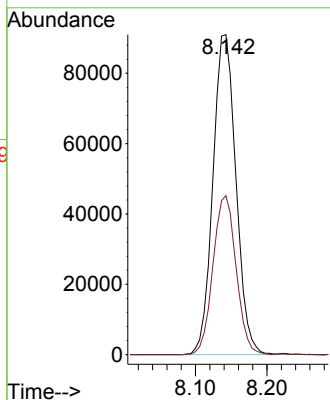
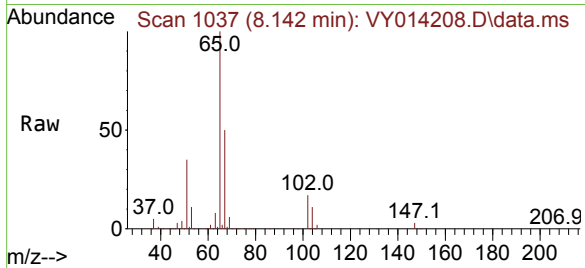


#33
 1,2-Dichloroethane-d4
 Concen: 50.572 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY014208.D
 Acq: 16 Jun 2023 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-NEX-001-G

Tgt Ion: 65 Resp: 203677

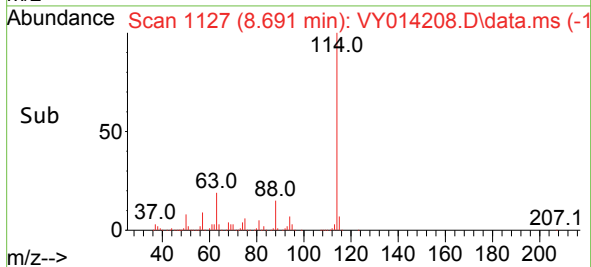
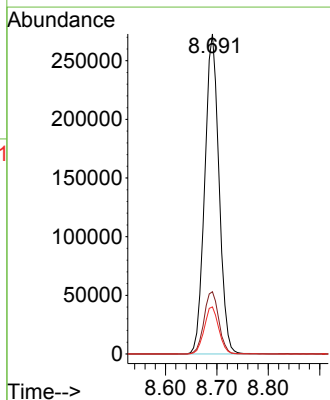
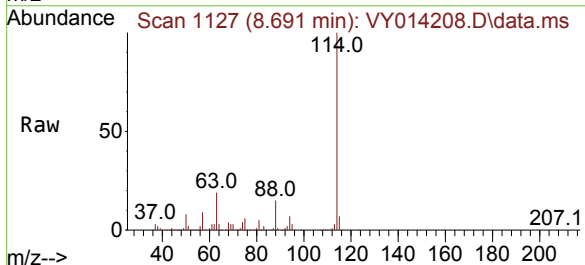
Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	101.8

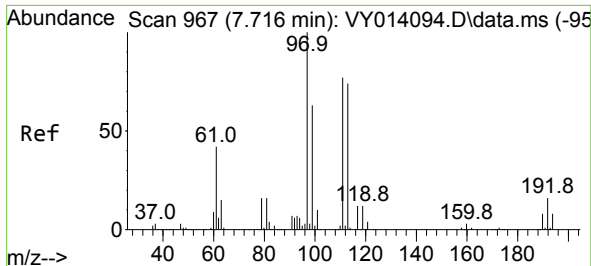


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014208.D
 Acq: 16 Jun 2023 17:11

Tgt Ion: 114 Resp: 525651

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	42.4
88	14.7	0.0	30.6

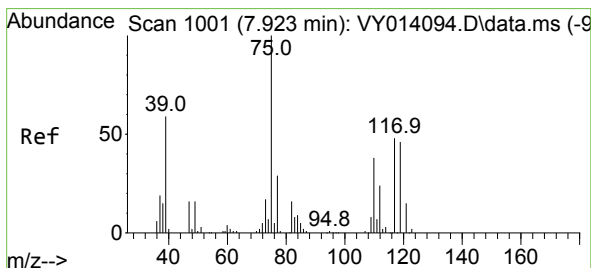
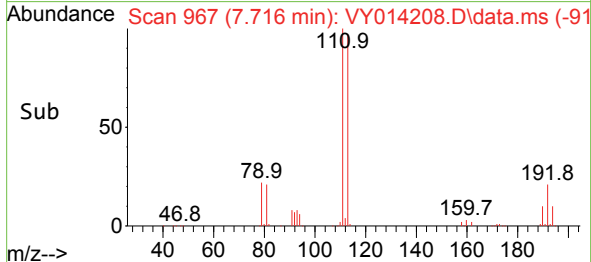
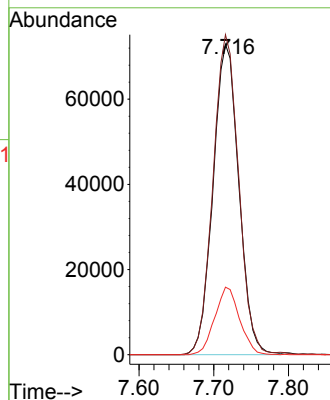
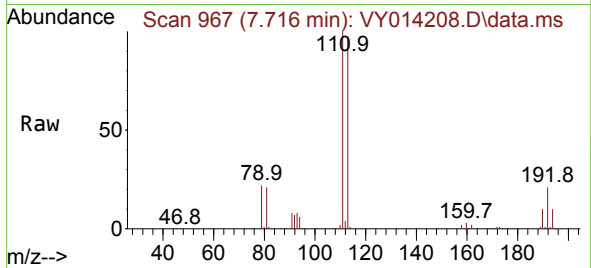




#35
Dibromofluoromethane
Concen: 46.847 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014208.D
Acq: 16 Jun 2023 17:11

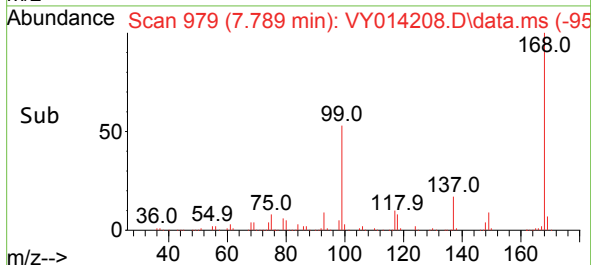
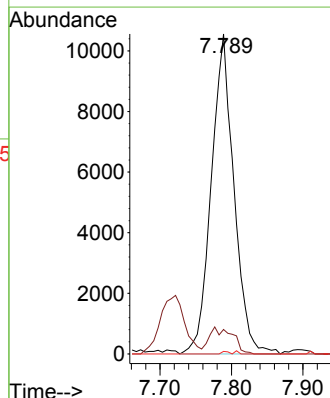
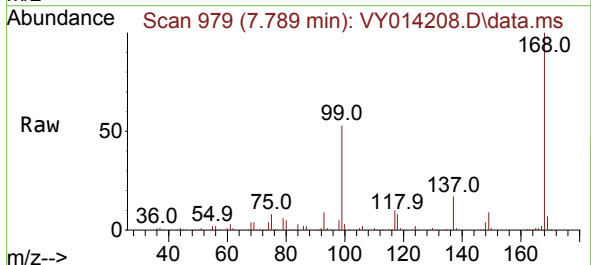
Instrument :
MSVOA_Y
ClientSampleId :
WC-NEX-001-G

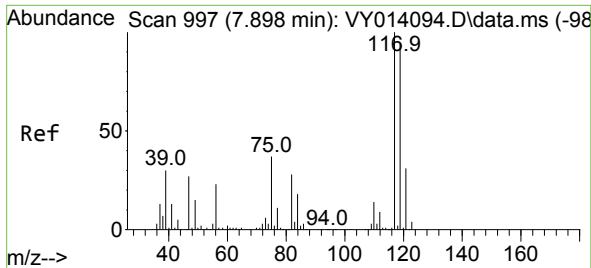
Tgt Ion:113 Resp: 174635
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 21.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 3.990 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY014208.D
Acq: 16 Jun 2023 17:11

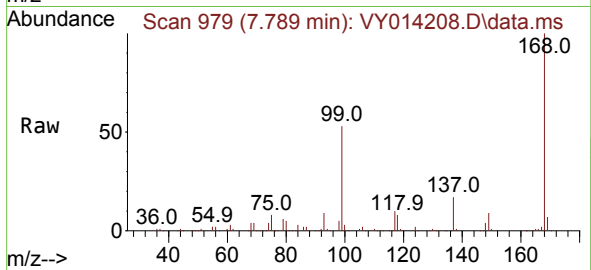
Tgt Ion: 75 Resp: 23189
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.5#
77 0.2 24.4 36.6#



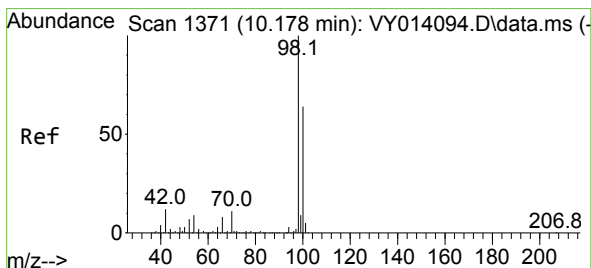
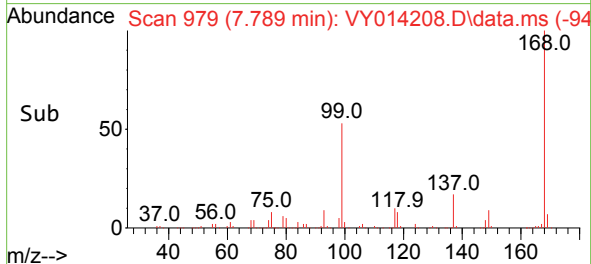
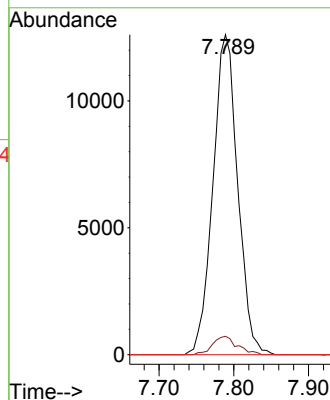


#38
Carbon Tetrachloride
Concen: 4.332 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014208.D
Acq: 16 Jun 2023 17:11

Instrument :
MSVOA_Y
ClientSampleId :
WC-NEX-001-G

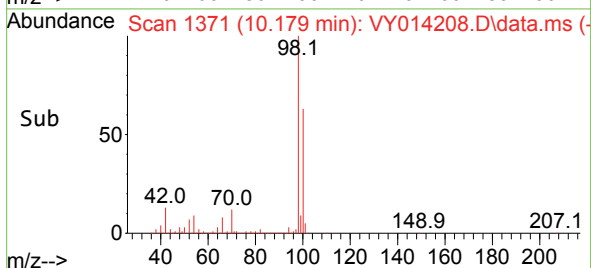
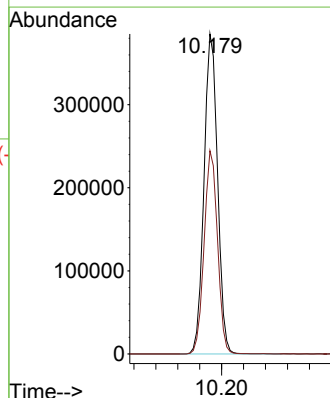
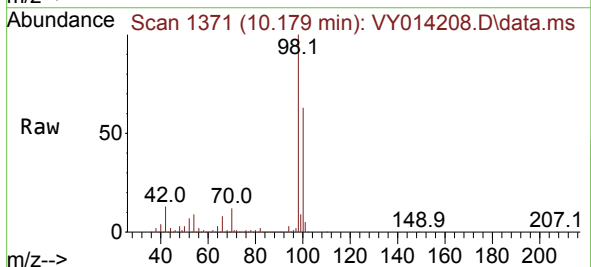


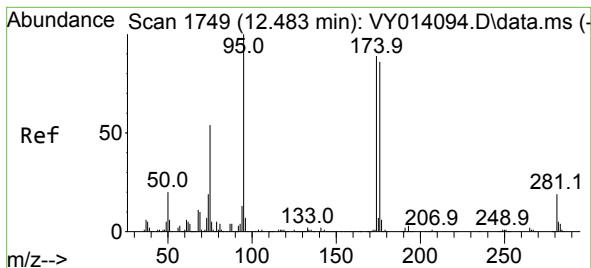
Tgt Ion:117 Resp: 29052
Ion Ratio Lower Upper
117 100
119 5.7 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.301 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014208.D
Acq: 16 Jun 2023 17:11

Tgt Ion: 98 Resp: 659221
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1

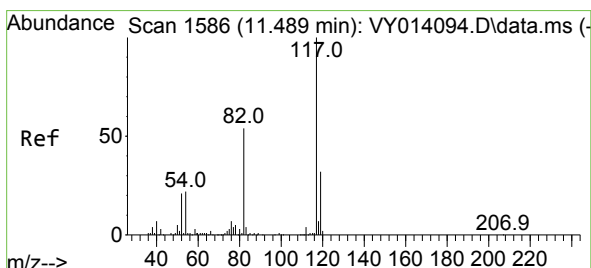
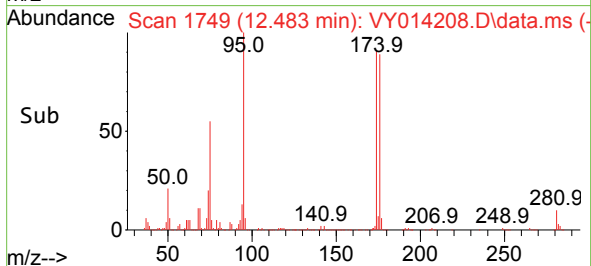
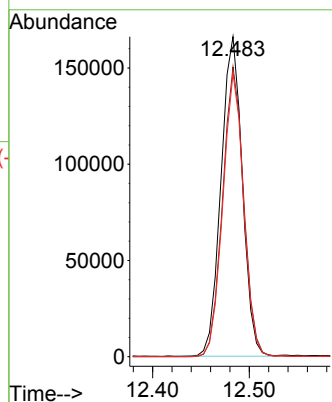
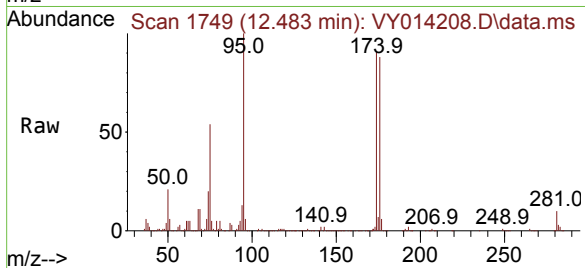




#62
4-Bromofluorobenzene
Concen: 51.116 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014208.D
Acq: 16 Jun 2023 17:11

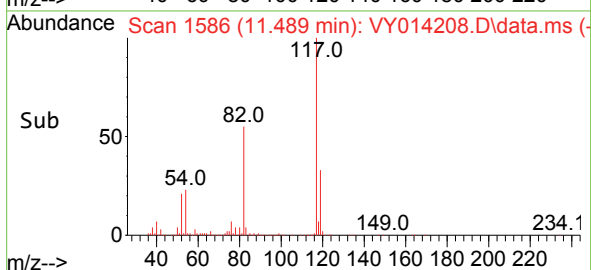
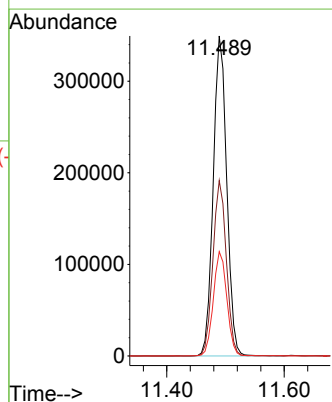
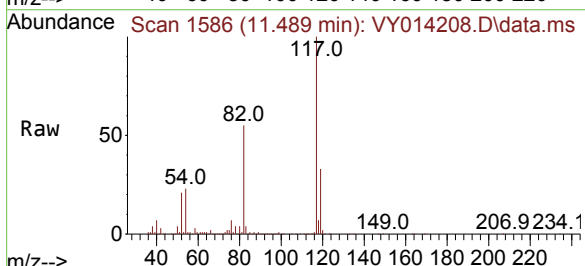
Instrument :
MSVOA_Y
ClientSampleId :
WC-NEX-001-G

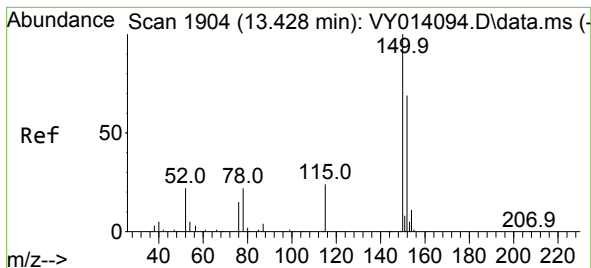
Tgt Ion: 95 Resp: 253061
Ion Ratio Lower Upper
95 100
174 90.2 0.0 178.2
176 86.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014208.D
Acq: 16 Jun 2023 17:11

Tgt Ion: 117 Resp: 556988
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.6 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: VY014208.D

Acq: 16 Jun 2023 17:11

Instrument :

MSVOA_Y

ClientSampleId :

WC-NEX-001-G

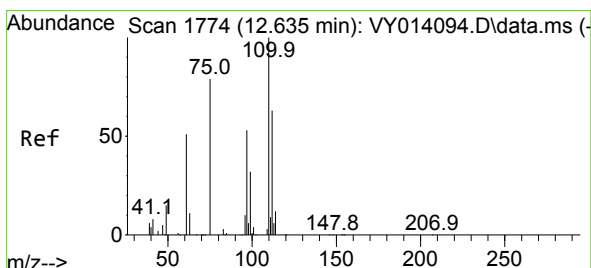
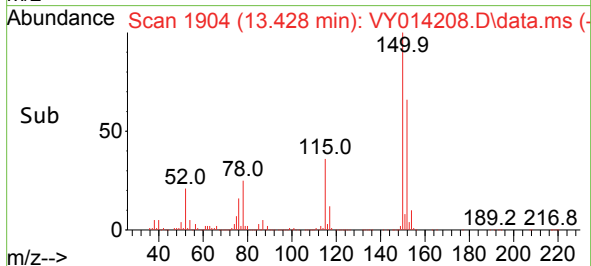
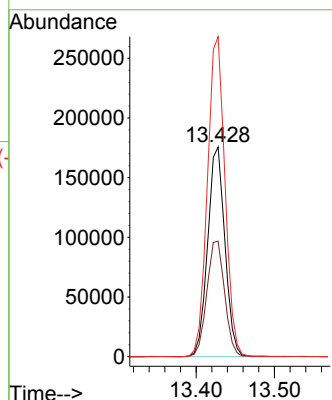
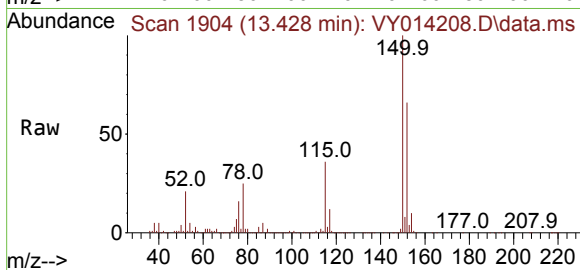
Tgt Ion:152 Resp: 268477

Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 155.1 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 39.988 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY014208.D

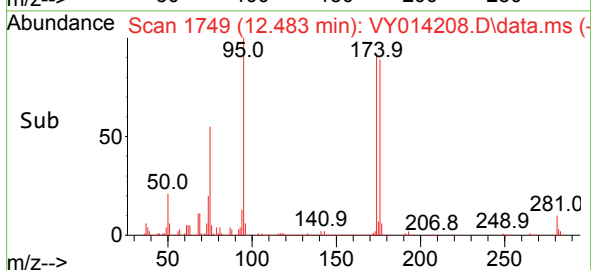
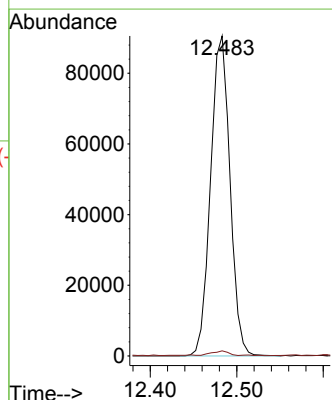
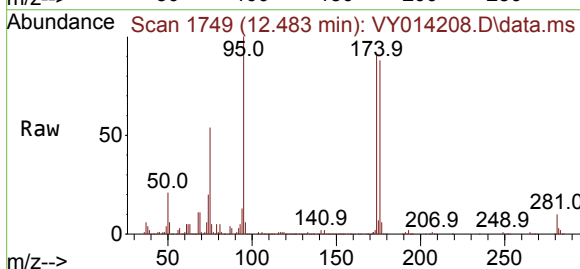
Acq: 16 Jun 2023 17:11

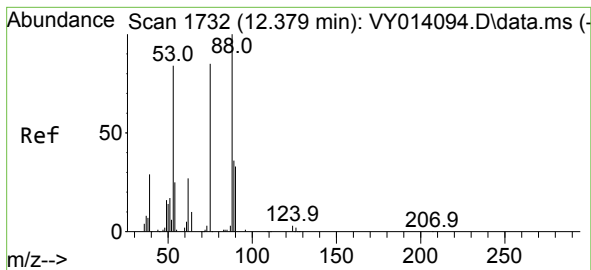
Tgt Ion: 75 Resp: 140853

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.439 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014208.D
 Acq: 16 Jun 2023 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-NEX-001-G

Tgt Ion: 75 Resp: 140853
 Ion Ratio Lower Upper
 75 100
 53 0.4 77.8 116.8#
 89 0.1 37.4 56.0#

