

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
 Data File : VY014105.D
 Acq On : 09 Jun 2023 19:21
 Operator : KP/MD
 Sample : 03044-12RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-5.0-7.0

Quant Time: Jun 10 05:15:30 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)

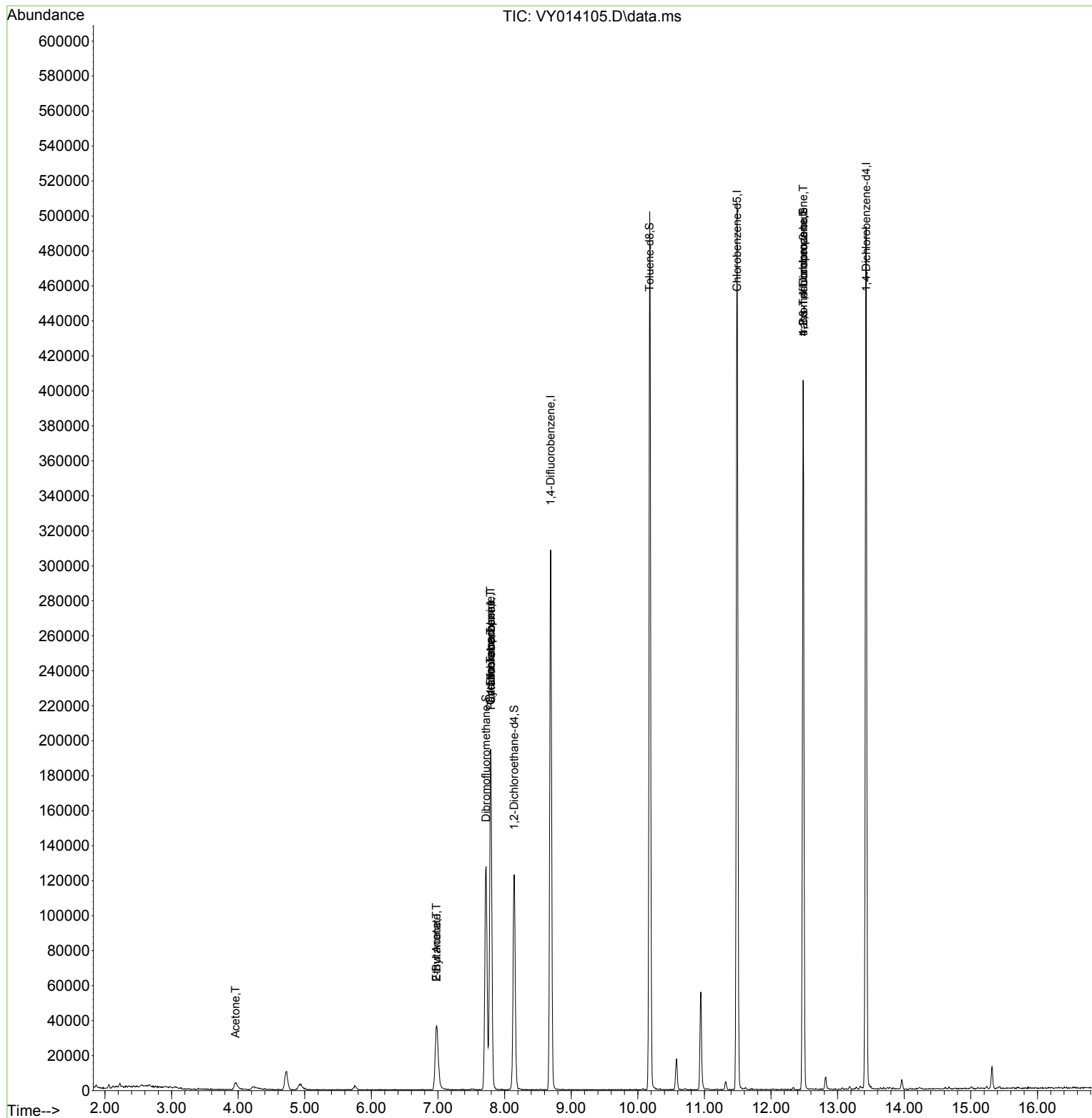
Internal Standards						
1) Pentafluorobenzene	7.795	168	151367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	258186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	265609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	103923	49.304	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.600%
35) Dibromofluoromethane	7.722	113	88220	48.181	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.360%
50) Toluene-d8	10.179	98	320966	46.888	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.780%
62) 4-Bromofluorobenzene	12.483	95	108372	44.567	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.140%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	3962	Below Cal	#	89
16) Acetone	3.960	43	9061	14.261	ug/l	96
25) 2-Butanone	6.978	43	2303	2.945	ug/l #	70
31) Cyclohexane	7.789	56	3405	1.206	ug/l #	5
36) 1,1-Dichloropropene	7.789	75	11559	4.049	ug/l #	50
37) Ethyl Acetate	6.978	43	2303	1.169	ug/l #	1
38) Carbon Tetrachloride	7.789	117	15557	4.723	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	59265	35.921	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59265	77.648	ug/l #	11

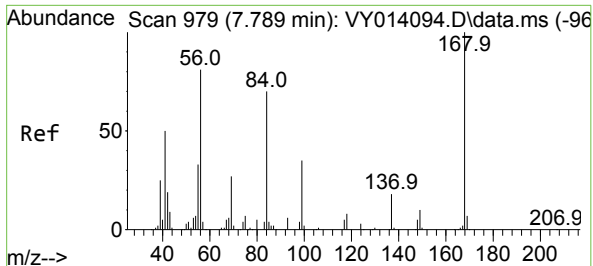
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
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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

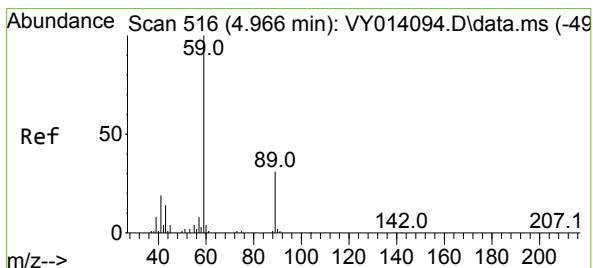
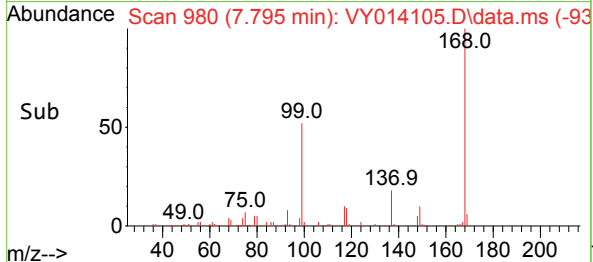
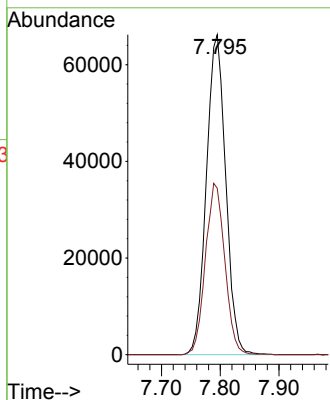
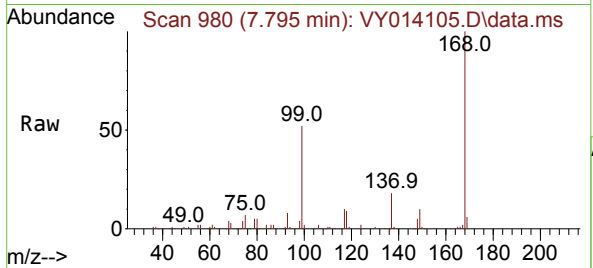




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014105.D
Acq: 09 Jun 2023 19:21

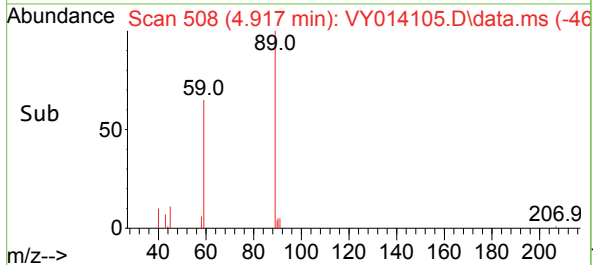
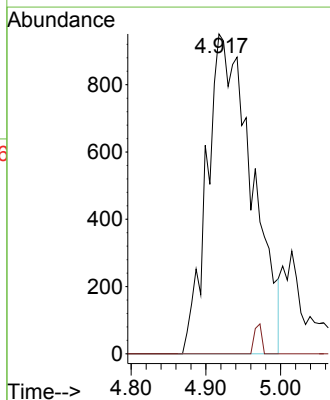
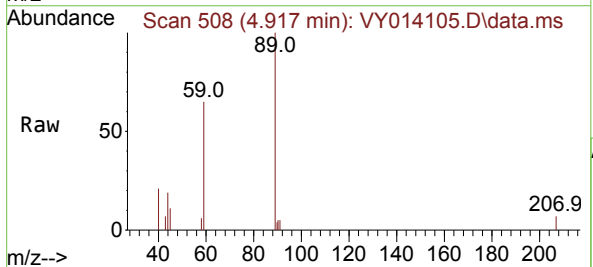
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-5.0-7.0

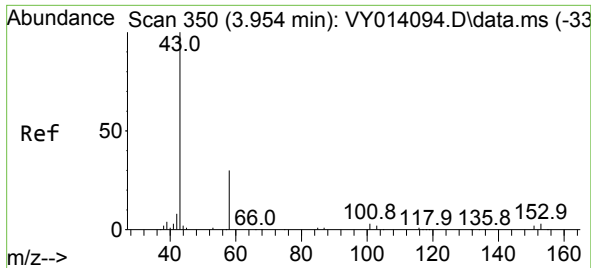
Tgt Ion:168 Resp: 151367
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.049 min
Lab File: VY014105.D
Acq: 09 Jun 2023 19:21

Tgt Ion: 59 Resp: 3962
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

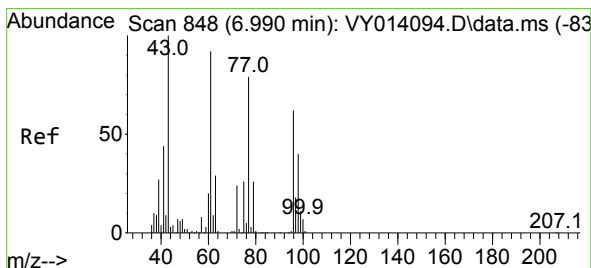
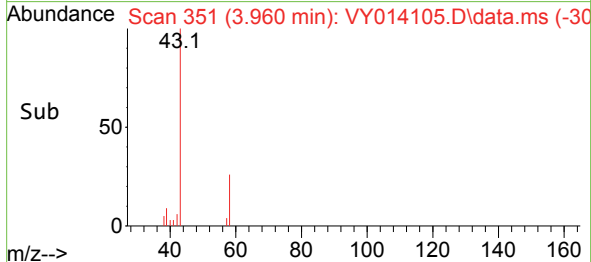
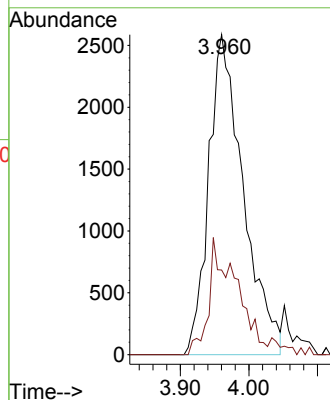
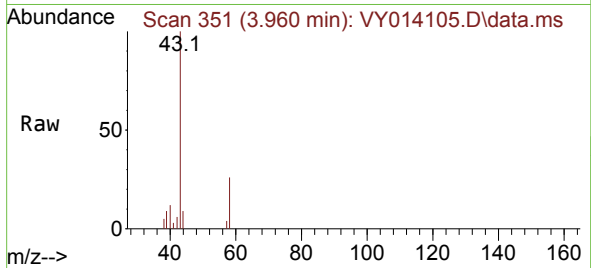




#16
Acetone
Concen: 14.261 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY014105.D
Acq: 09 Jun 2023 19:21

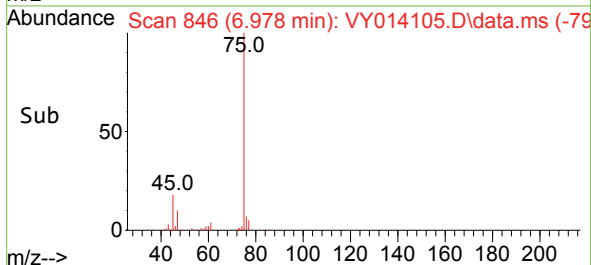
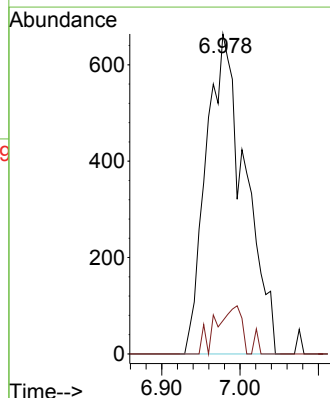
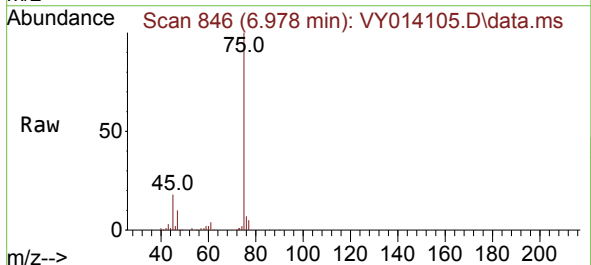
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-5.0-7.0

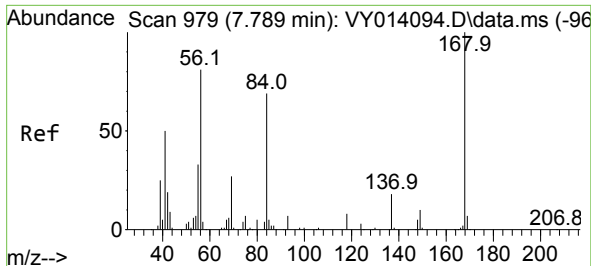
Tgt Ion: 43 Resp: 9061
Ion Ratio Lower Upper
43 100
58 26.4 22.7 34.1



#25
2-Butanone
Concen: 2.945 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014105.D
Acq: 09 Jun 2023 19:21

Tgt Ion: 43 Resp: 2303
Ion Ratio Lower Upper
43 100
72 10.4 20.5 30.7#

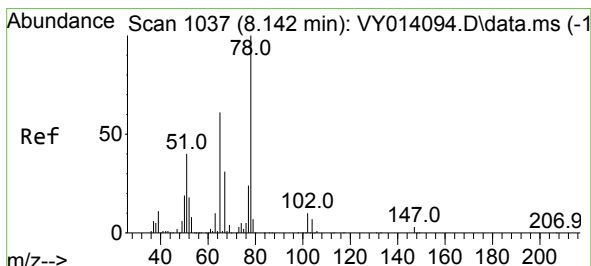
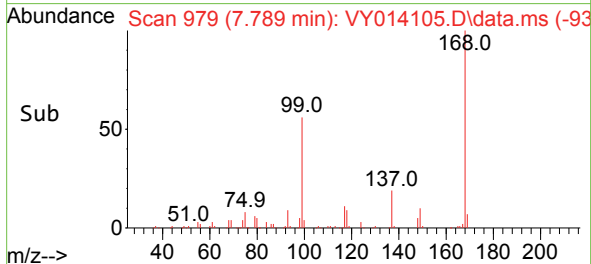
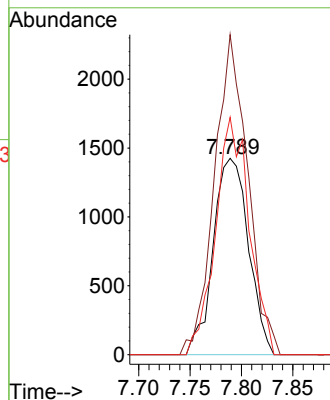
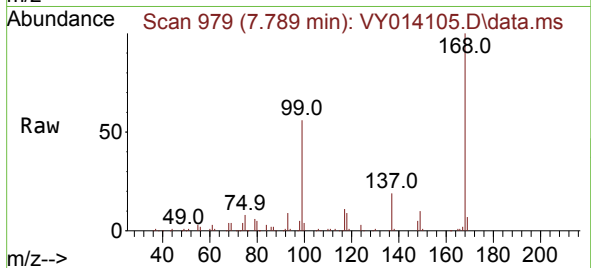




#31
Cyclohexane
Concen: 1.206 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014105.D
Acq: 09 Jun 2023 19:21

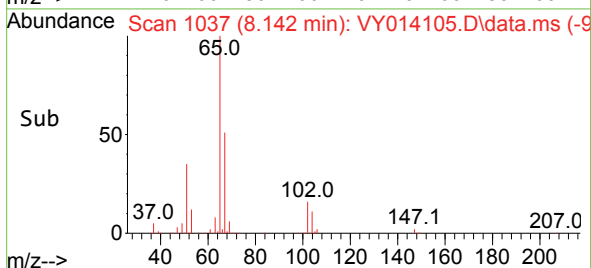
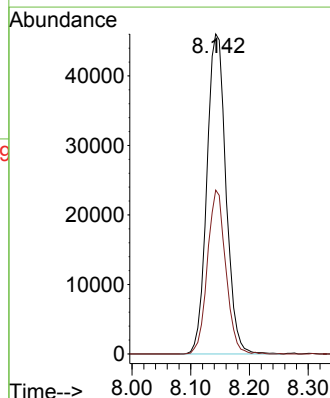
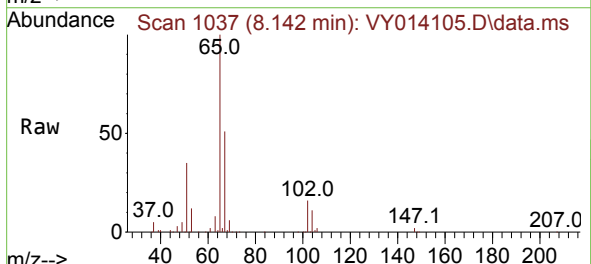
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-5.0-7.0

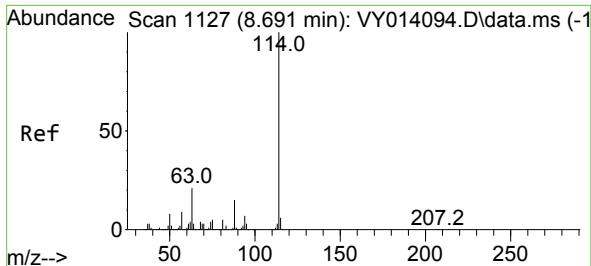
Tgt Ion: 56 Resp: 3405
Ion Ratio Lower Upper
56 100
69 163.0 27.8 41.6#
84 120.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 49.304 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014105.D
Acq: 09 Jun 2023 19:21

Tgt Ion: 65 Resp: 103923
Ion Ratio Lower Upper
65 100
67 49.1 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: VY014105.D

Acq: 09 Jun 2023 19:21

Instrument :

MSVOA_Y

ClientSampleId :

SB-07-5.0-7.0

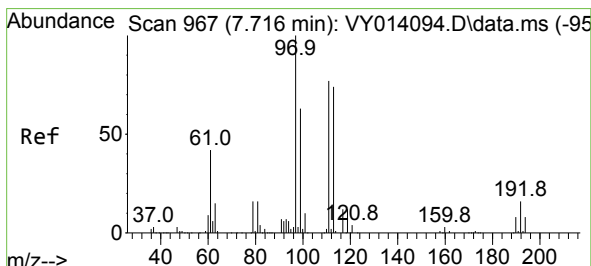
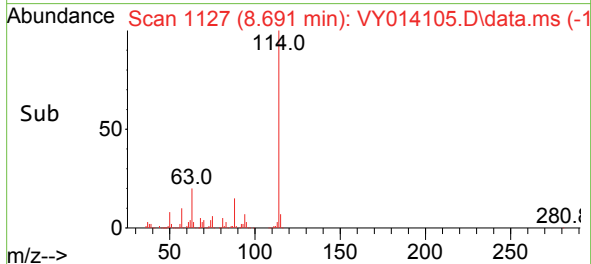
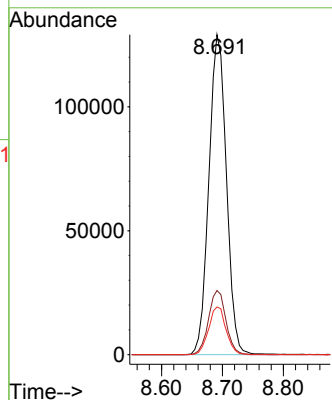
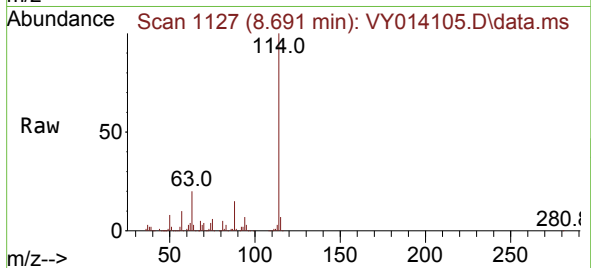
Tgt Ion:114 Resp: 258186

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.181 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014105.D

Acq: 09 Jun 2023 19:21

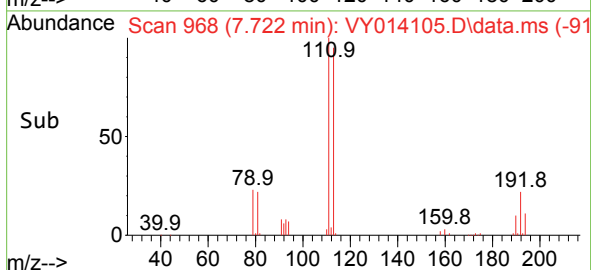
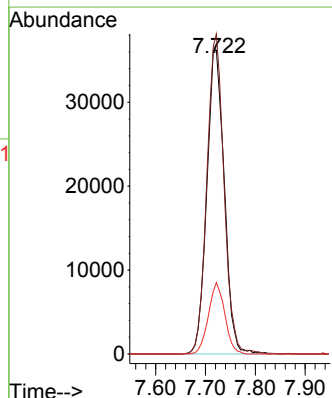
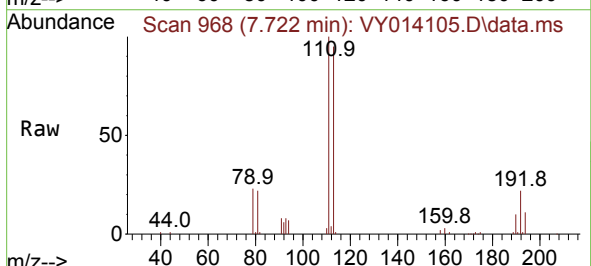
Tgt Ion:113 Resp: 88220

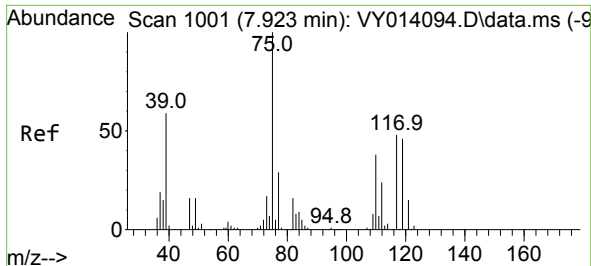
Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

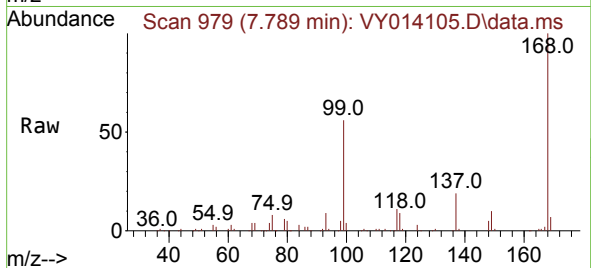
192 22.1 16.9 25.3



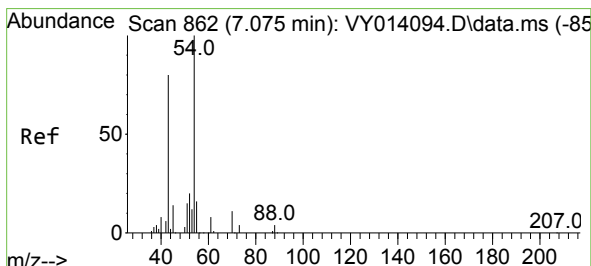
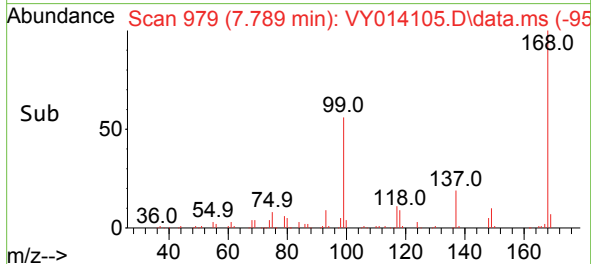
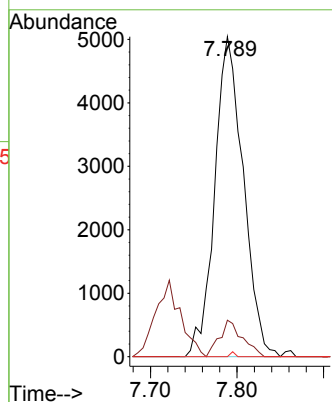


#36
 1,1-Dichloropropene
 Concen: 4.049 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY014105.D
 Acq: 09 Jun 2023 19:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-5.0-7.0

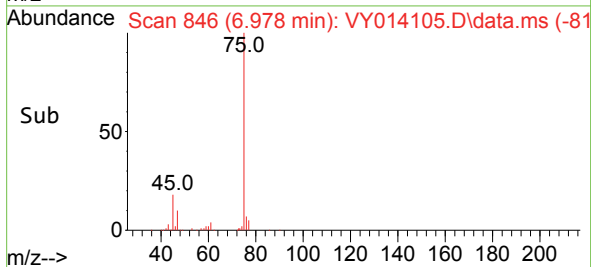
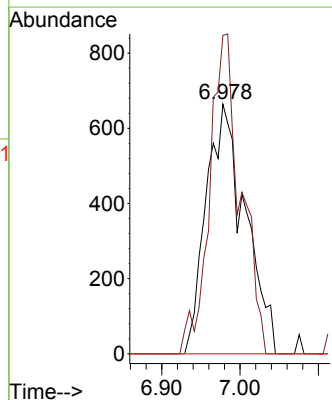
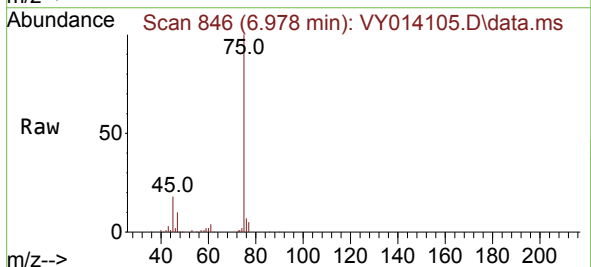


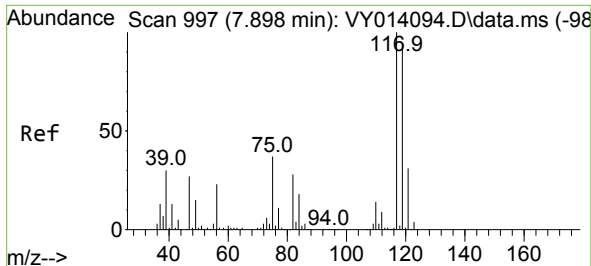
Tgt Ion: 75 Resp: 11559
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.8 53.5#
 77 0.3 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 1.169 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.097 min
 Lab File: VY014105.D
 Acq: 09 Jun 2023 19:21

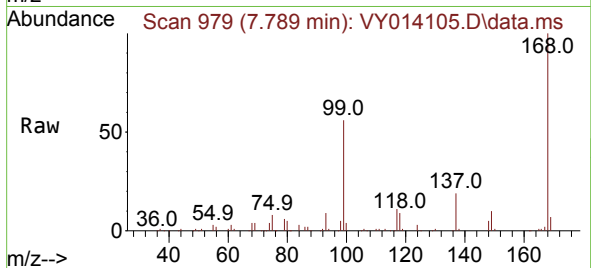
Tgt Ion: 43 Resp: 2303
 Ion Ratio Lower Upper
 43 100
 61 102.0 10.1 15.1#
 70 0.0 7.1 10.7#



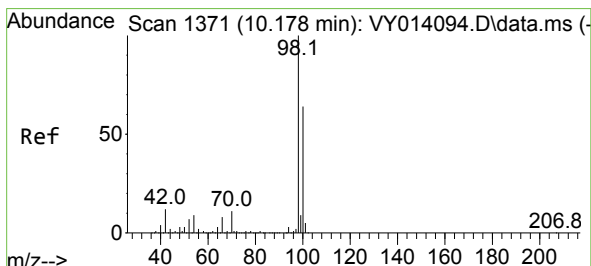
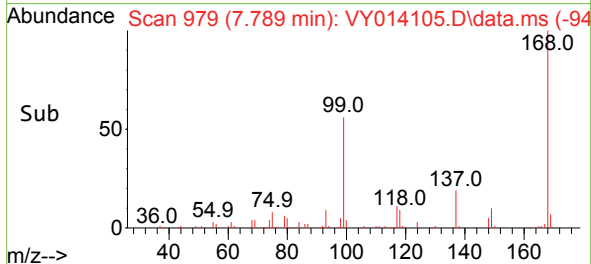
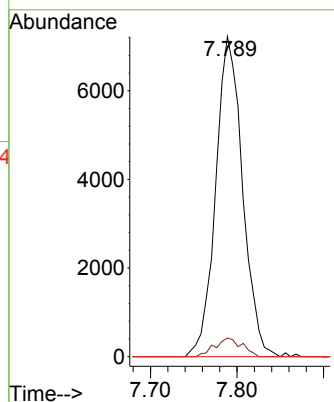


#38
Carbon Tetrachloride
Concen: 4.723 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014105.D
Acq: 09 Jun 2023 19:21

Instrument :
MSVOA_Y
ClientSampleId :
SB-07-5.0-7.0

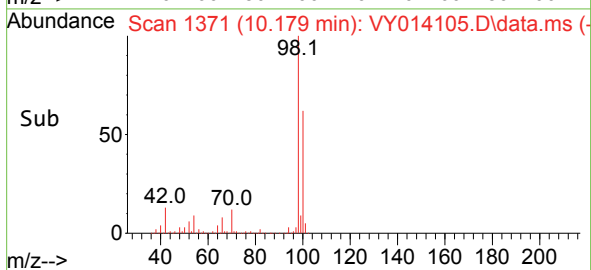
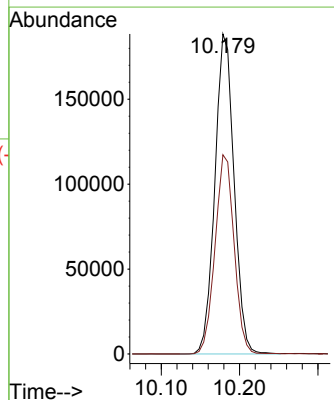
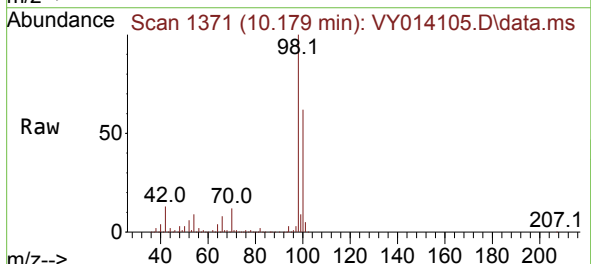


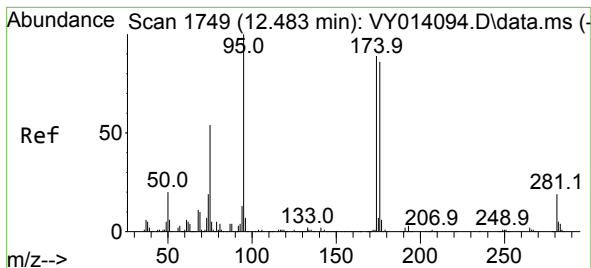
Tgt Ion:117 Resp: 15557
Ion Ratio Lower Upper
117 100
119 5.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 46.888 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014105.D
Acq: 09 Jun 2023 19:21

Tgt Ion: 98 Resp: 320966
Ion Ratio Lower Upper
98 100
100 62.0 50.1 75.1

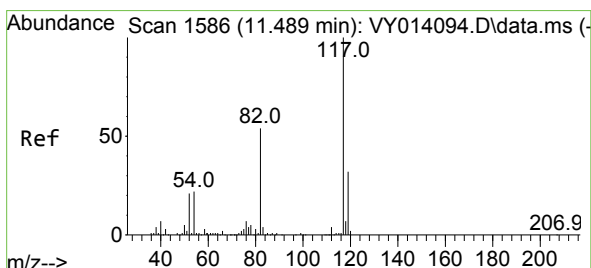
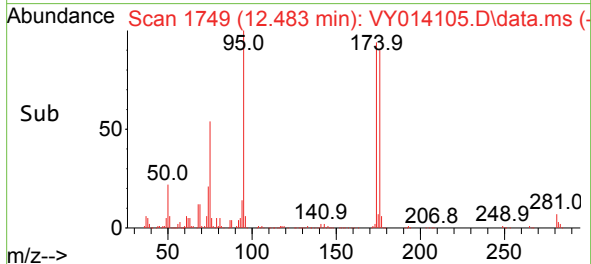
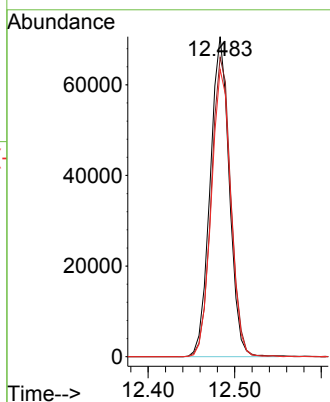
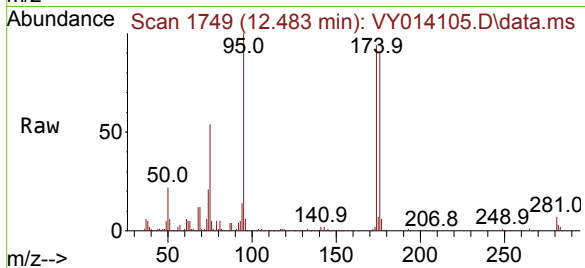




#62
4-Bromofluorobenzene
Concen: 44.567 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014105.D
Acq: 09 Jun 2023 19:21

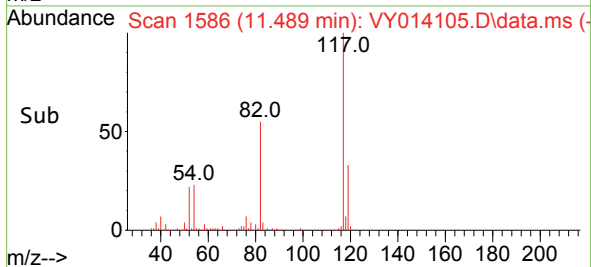
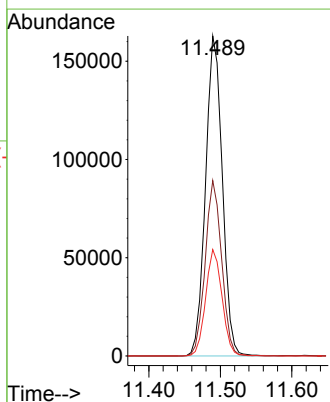
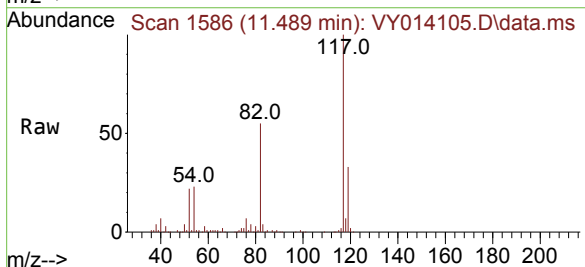
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-5.0-7.0

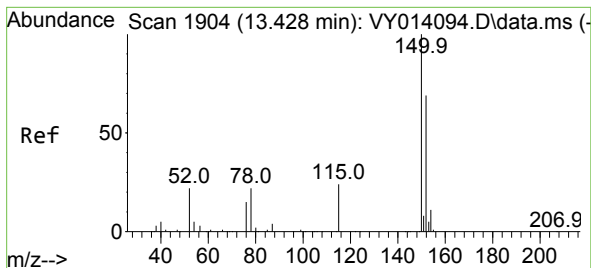
Tgt Ion: 95 Resp: 108372
Ion Ratio Lower Upper
95 100
174 95.9 0.0 178.2
176 91.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014105.D
Acq: 09 Jun 2023 19:21

Tgt Ion: 117 Resp: 265609
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 33.3 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: VY014105.D

Acq: 09 Jun 2023 19:21

Instrument :

MSVOA_Y

ClientSampleId :

SB-07-5.0-7.0

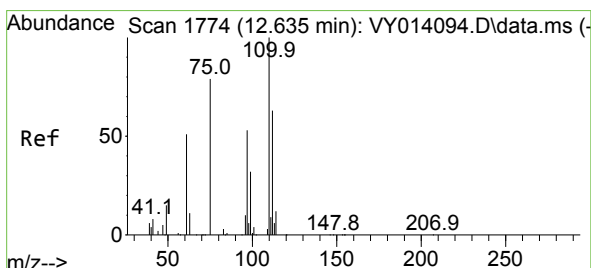
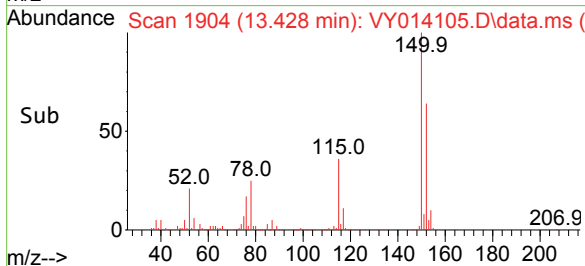
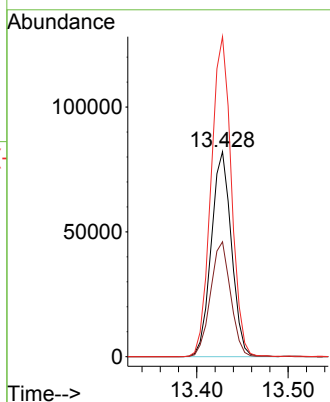
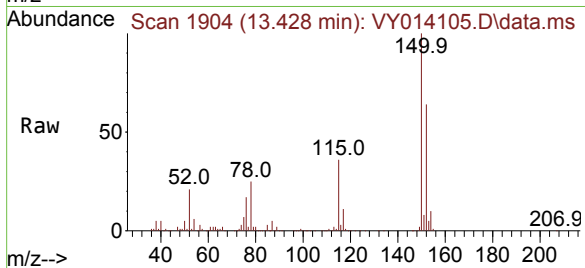
Tgt Ion:152 Resp: 125754

Ion Ratio Lower Upper

152 100

115 56.1 28.8 86.5

150 157.0 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 35.921 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY014105.D

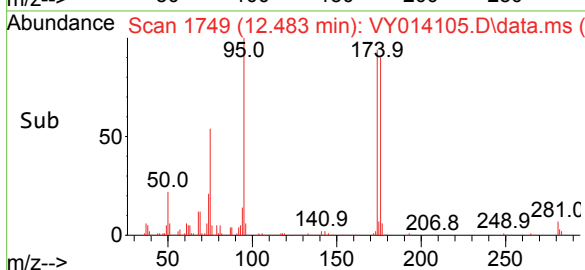
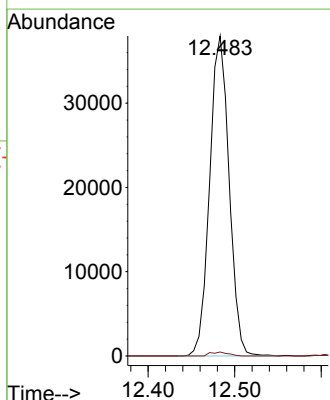
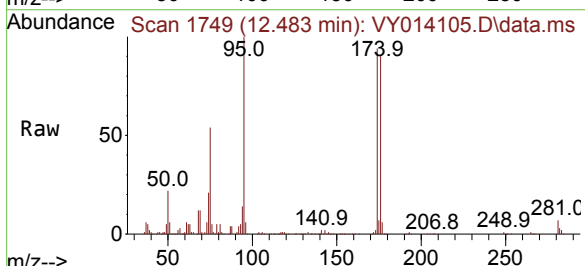
Acq: 09 Jun 2023 19:21

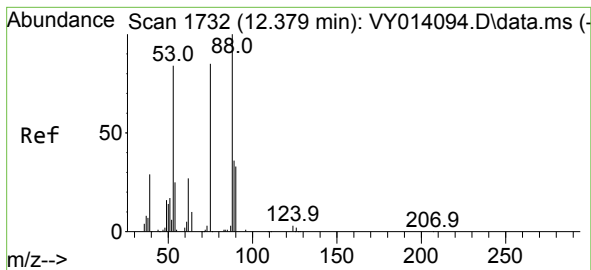
Tgt Ion: 75 Resp: 59265

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.648 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014105.D
 Acq: 09 Jun 2023 19:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-5.0-7.0

Tgt Ion: 75 Resp: 59265
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.8 116.8#
 89 0.2 37.4 56.0#

