

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010329.D
 Acq On : 03 Sep 2022 18:42
 Operator : KP/MD
 Sample : N4501-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-7.5-8.0

Quant Time: Sep 05 04:22:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

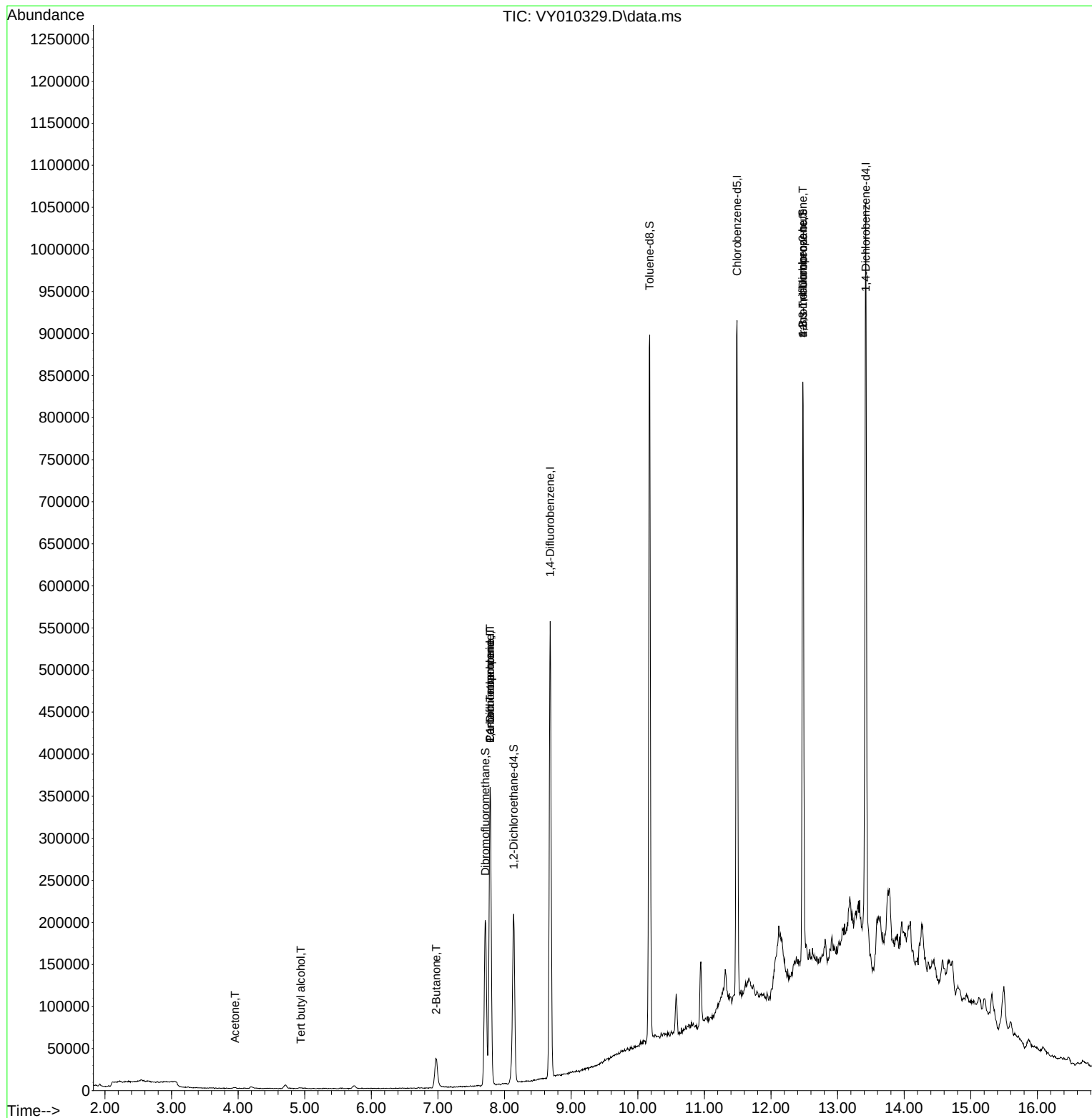
Internal Standards						
1) Pentafluorobenzene	7.783	168	284347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	475005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	448148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	218489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	153002	52.476	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.960%	
35) Dibromofluoromethane	7.710	113	141576	44.771	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.540%	
50) Toluene-d8	10.179	98	560497	52.942	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.880%	
62) 4-Bromofluorobenzene	12.477	95	208665	49.101	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.200%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.650	94	513	Below Cal	#	60
11) Tert butyl alcohol	4.942	59	1044	2.993	ug/l #	77
16) Acetone	3.954	43	1695	2.325	ug/l #	82
25) 2-Butanone	6.972	43	2774	2.319	ug/l #	81
36) 1,1-Dichloropropene	7.783	75	20391	4.395	ug/l #	52
38) Carbon Tetrachloride	7.783	117	27087	5.665	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.777	63	80	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.477	75	105091	40.418	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	105091	84.316	ug/l #	8

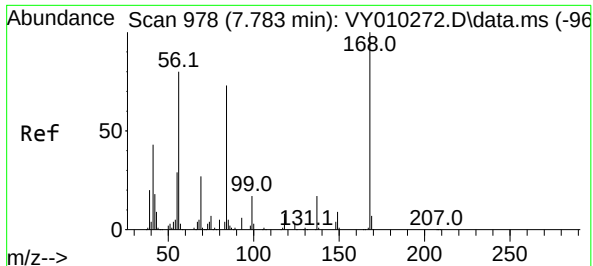
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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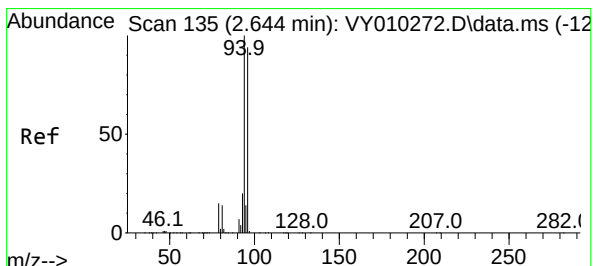
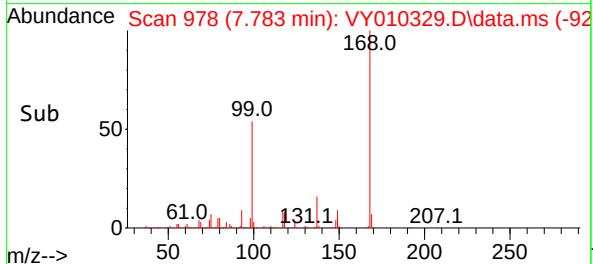
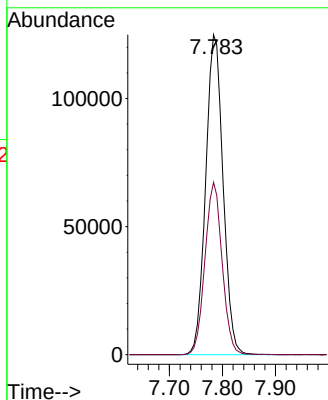
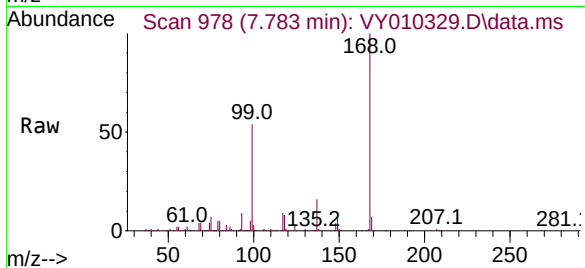




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010329.D
Acq: 03 Sep 2022 18:42

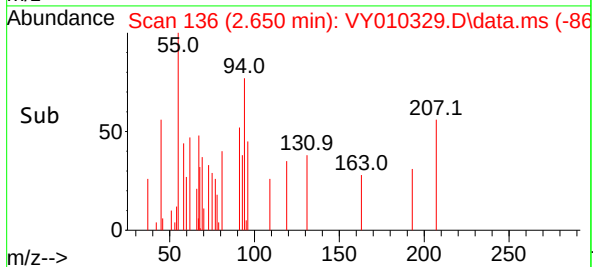
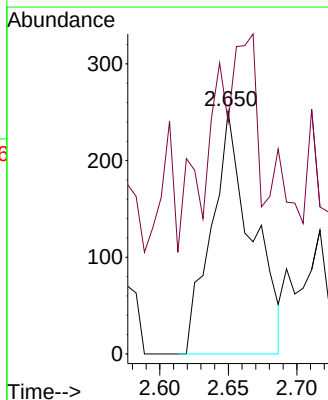
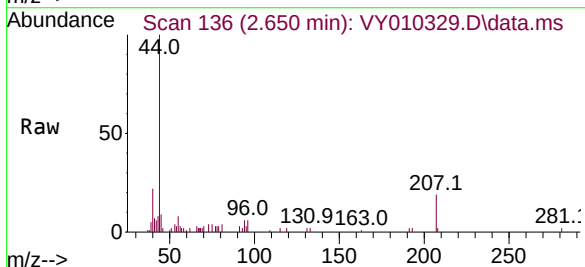
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-7.5-8.0

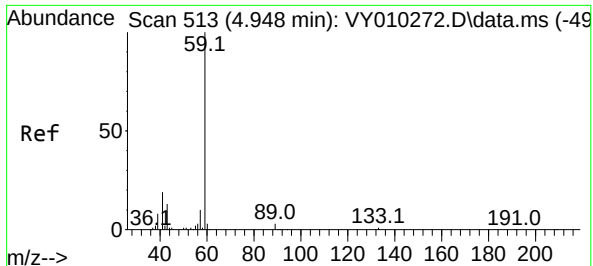
Tgt Ion:168 Resp: 284347
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 136
Delta R.T. 0.006 min
Lab File: VY010329.D
Acq: 03 Sep 2022 18:42

Tgt Ion: 94 Resp: 513
Ion Ratio Lower Upper
94 100
96 53.8 73.5 110.3#





#11

Tert butyl alcohol

Concen: 2.993 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY010329.D

Acq: 03 Sep 2022 18:42

Instrument :

MSVOA_Y

ClientSampleId :

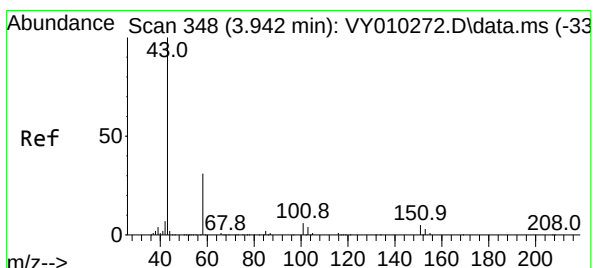
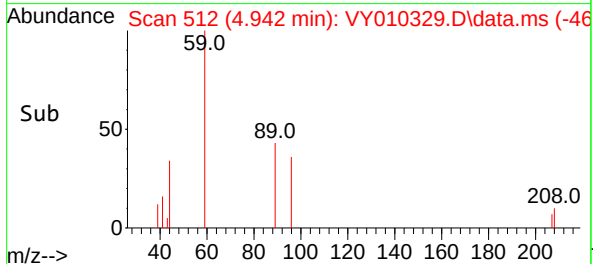
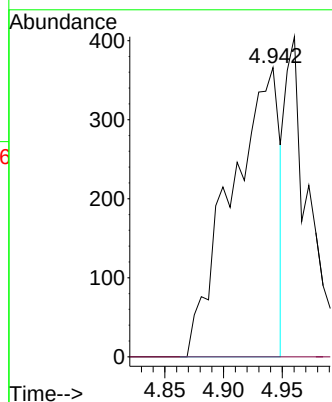
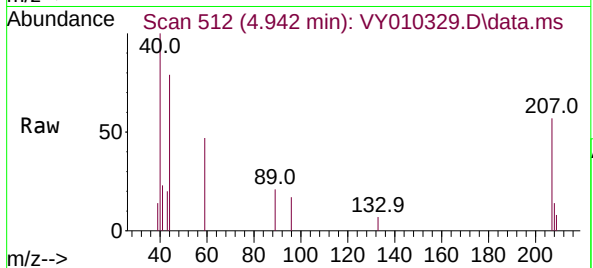
SB-07-7.5-8.0

Tgt Ion: 59 Resp: 1044

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.325 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY010329.D

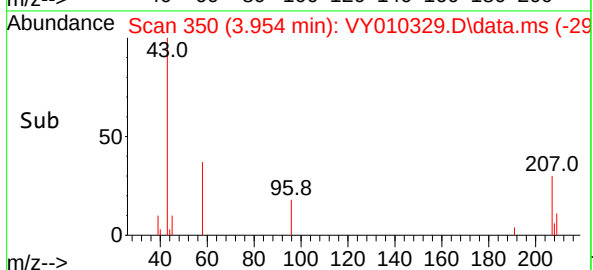
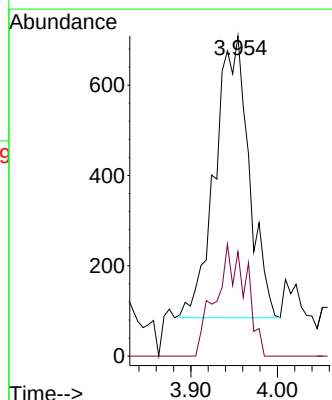
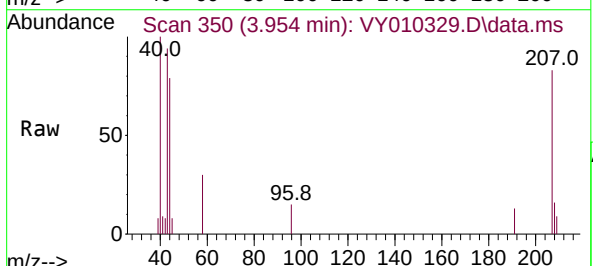
Acq: 03 Sep 2022 18:42

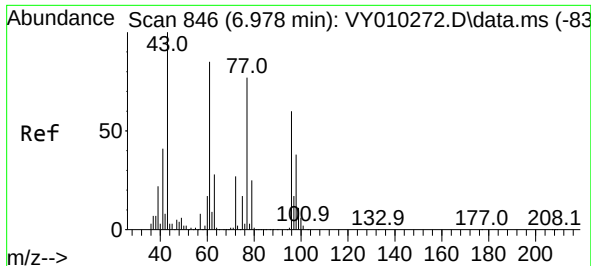
Tgt Ion: 43 Resp: 1695

Ion Ratio Lower Upper

43 100

58 37.0 22.0 33.0#





#25

2-Butanone

Concen: 2.319 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY010329.D

Acq: 03 Sep 2022 18:42

Instrument :

MSVOA_Y

ClientSampleId :

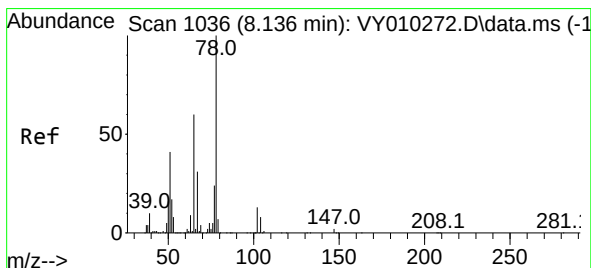
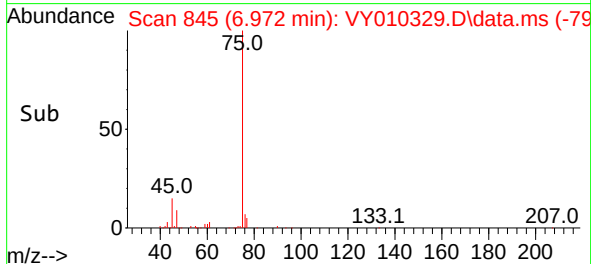
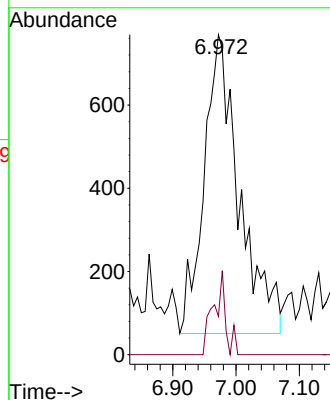
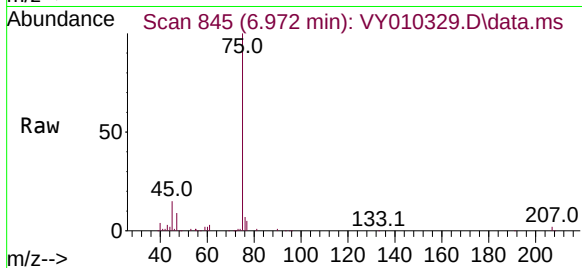
SB-07-7.5-8.0

Tgt Ion: 43 Resp: 2774

Ion Ratio Lower Upper

43 100

72 12.8 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 52.476 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY010329.D

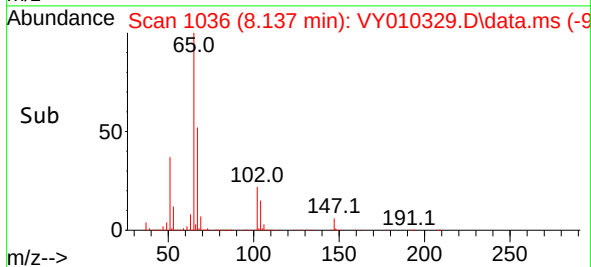
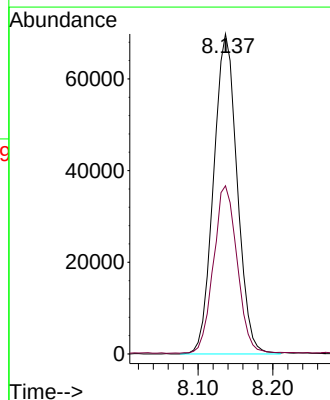
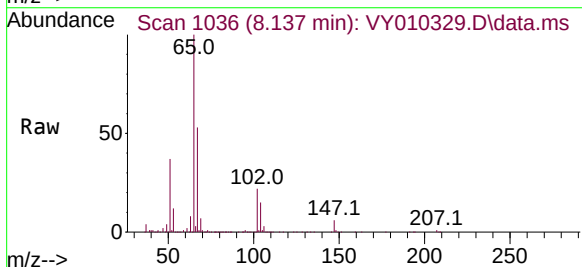
Acq: 03 Sep 2022 18:42

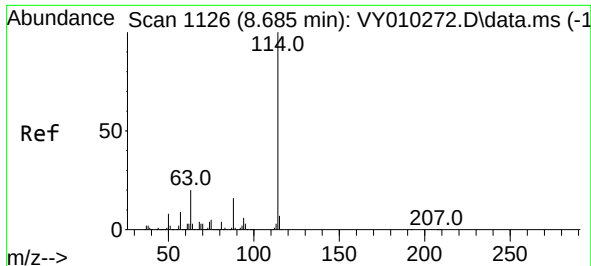
Tgt Ion: 65 Resp: 153002

Ion Ratio Lower Upper

65 100

67 52.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010329.D

Acq: 03 Sep 2022 18:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-07-7.5-8.0

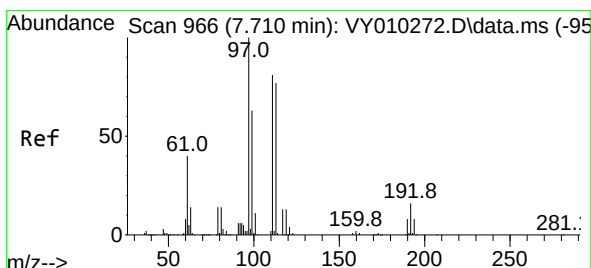
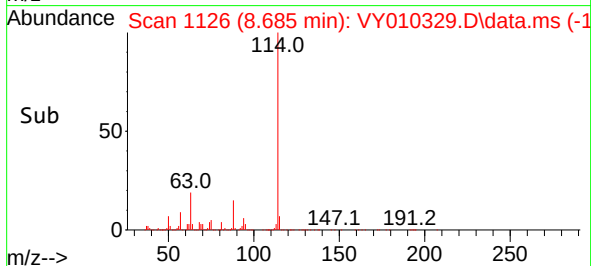
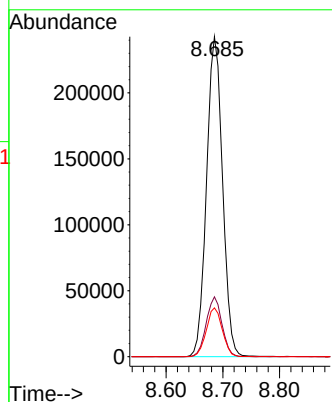
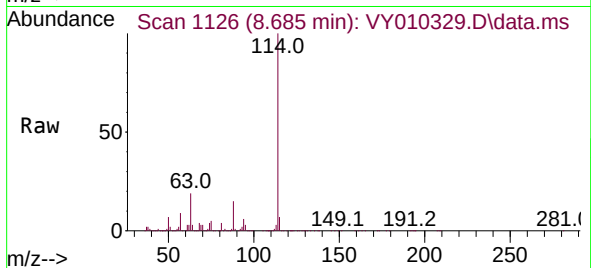
Tgt Ion:114 Resp: 475005

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.771 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010329.D

Acq: 03 Sep 2022 18:42

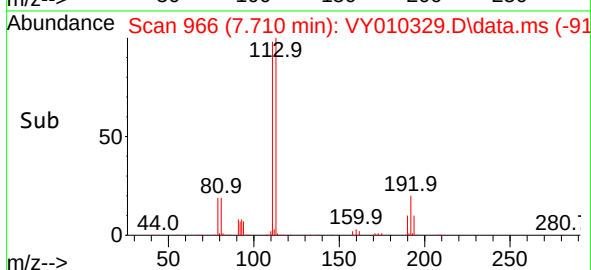
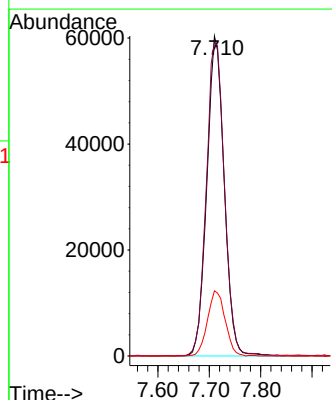
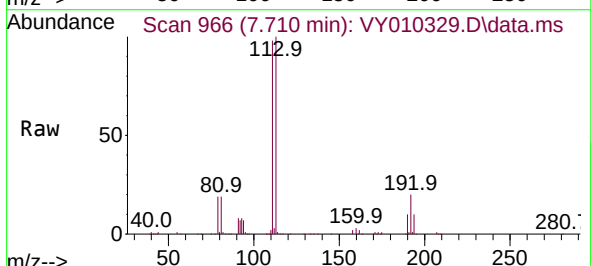
Tgt Ion:113 Resp: 141576

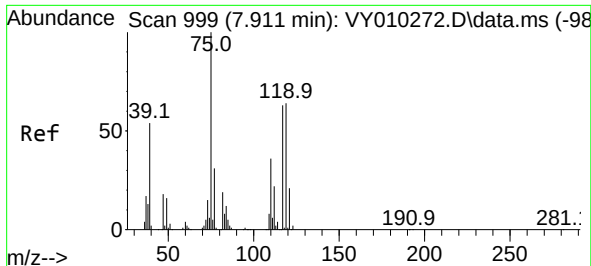
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 20.8 17.6 26.4

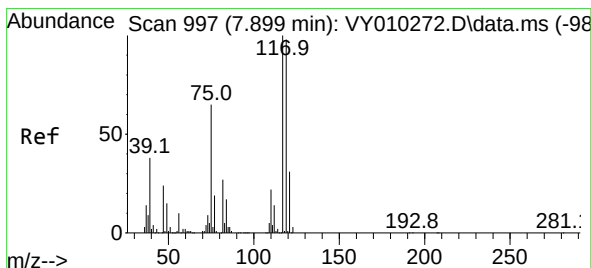
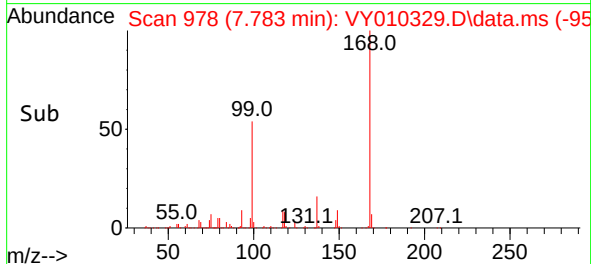
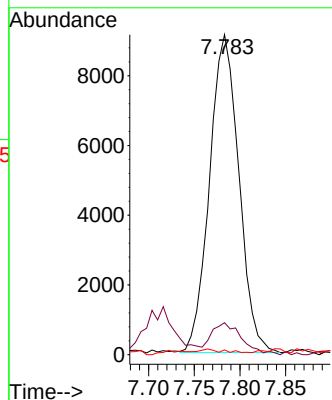
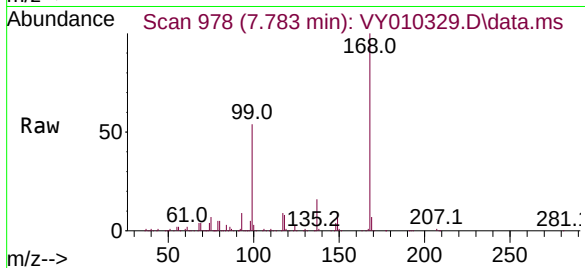




#36
 1,1-Dichloropropene
 Concen: 4.395 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY010329.D
 Acq: 03 Sep 2022 18:42

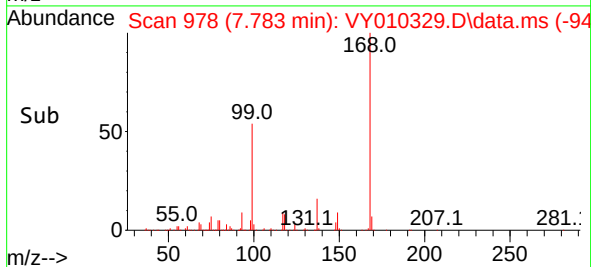
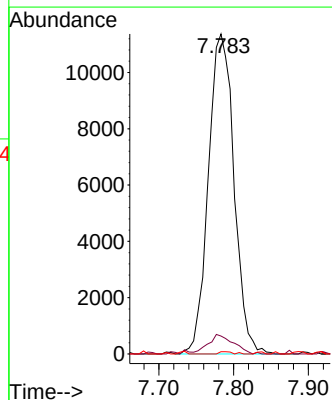
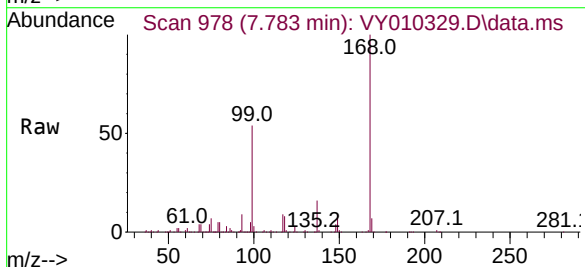
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-7.5-8.0

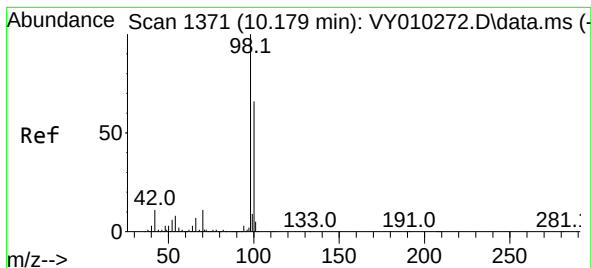
Tgt Ion: 75 Resp: 20391
 Ion Ratio Lower Upper
 75 100
 110 10.3 17.1 51.2#
 77 0.5 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.665 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY010329.D
 Acq: 03 Sep 2022 18:42

Tgt Ion: 117 Resp: 27087
 Ion Ratio Lower Upper
 117 100
 119 5.6 77.9 116.9#
 121 0.7 24.8 37.2#





#50

Toluene-d8

Concen: 52.942 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010329.D

Acq: 03 Sep 2022 18:42

Instrument :

MSVOA_Y

ClientSampleId :

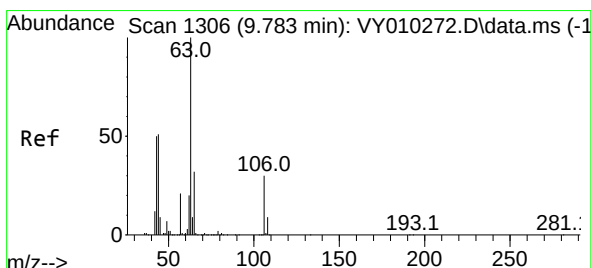
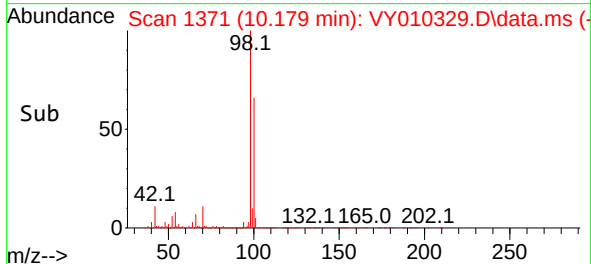
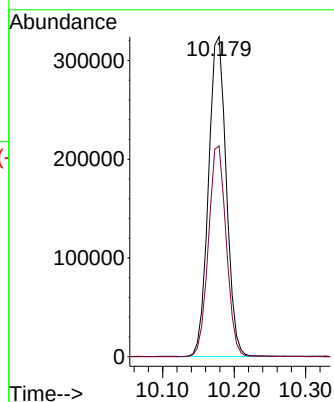
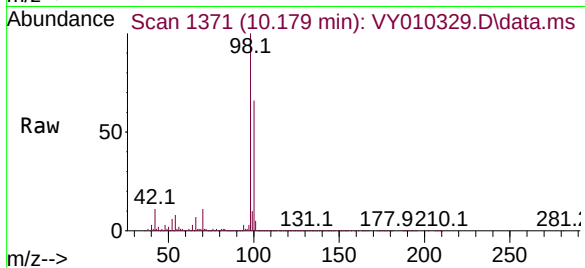
SB-07-7.5-8.0

Tgt Ion: 98 Resp: 560497

Ion Ratio Lower Upper

98 100

100 65.9 50.2 75.2



#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 9.777 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY010329.D

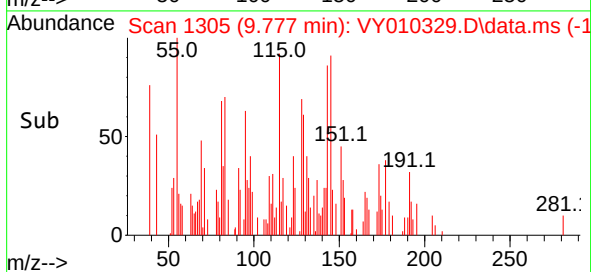
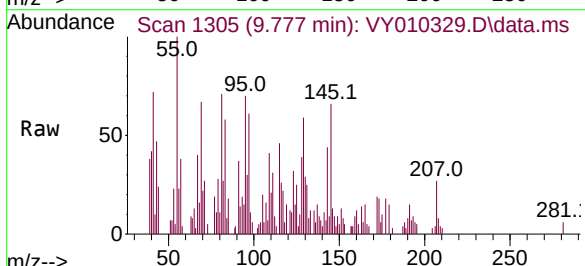
Acq: 03 Sep 2022 18:42

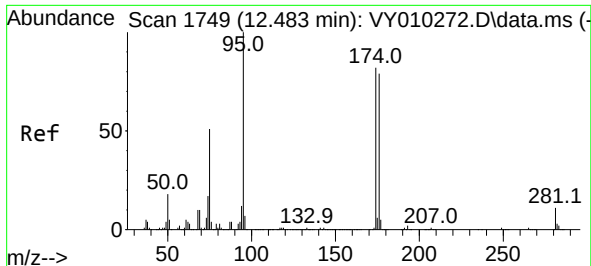
Tgt Ion: 63 Resp: 80

Ion Ratio Lower Upper

63 100

106 208.8 21.5 32.3#

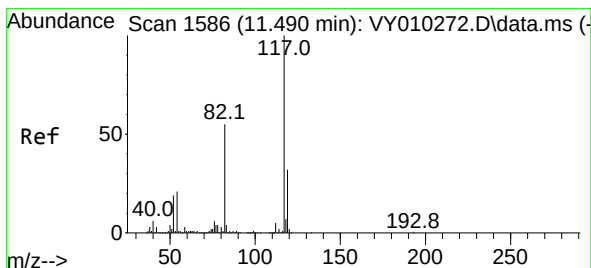
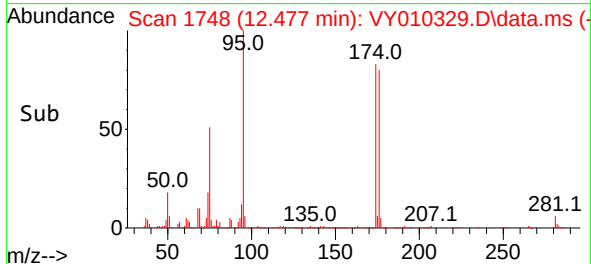
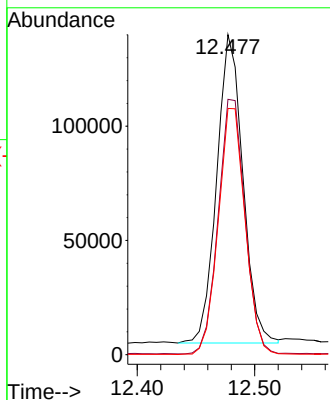
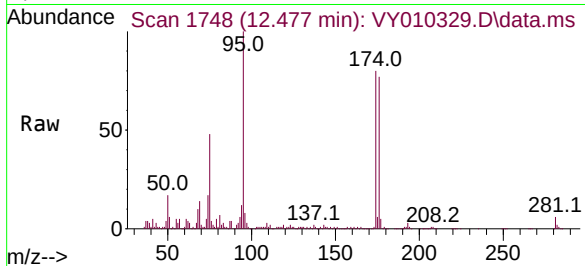




#62
4-Bromofluorobenzene
Concen: 49.101 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010329.D
Acq: 03 Sep 2022 18:42

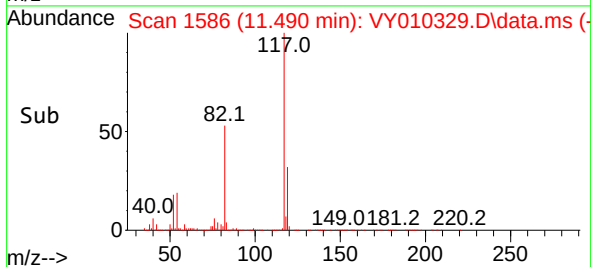
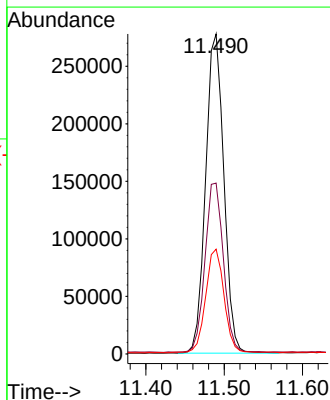
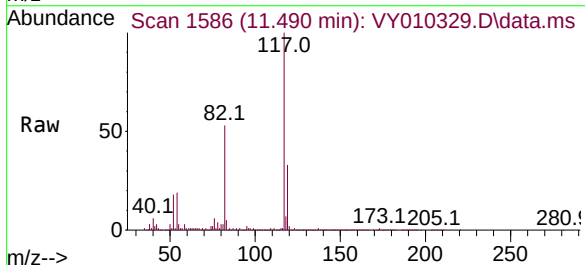
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-7.5-8.0

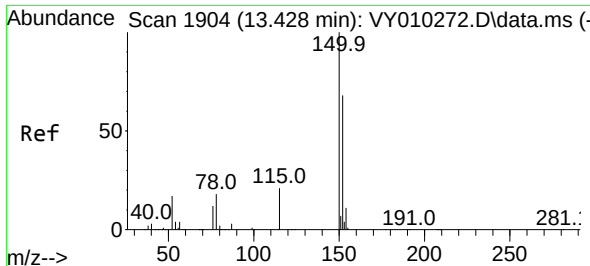
Tgt Ion: 95 Resp: 208665
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 82.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010329.D
Acq: 03 Sep 2022 18:42

Tgt Ion: 117 Resp: 448148
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 32.4 25.4 38.0

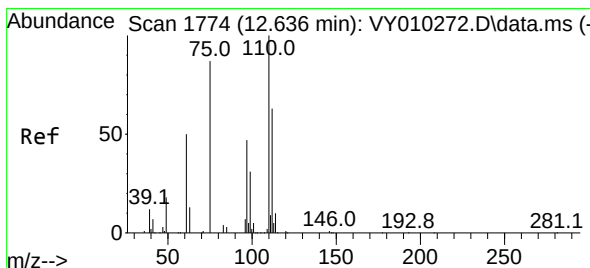
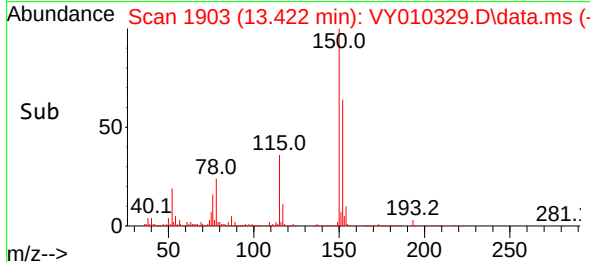
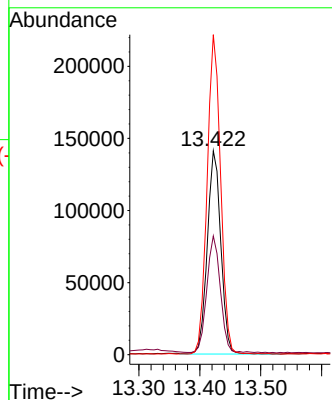
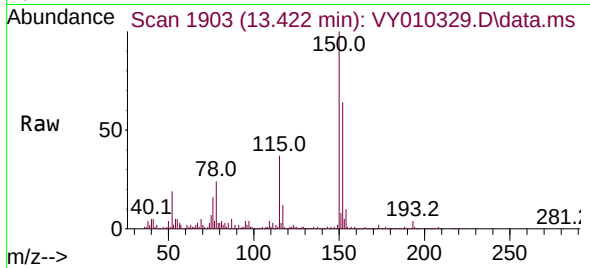




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY010329.D
 Acq: 03 Sep 2022 18:42

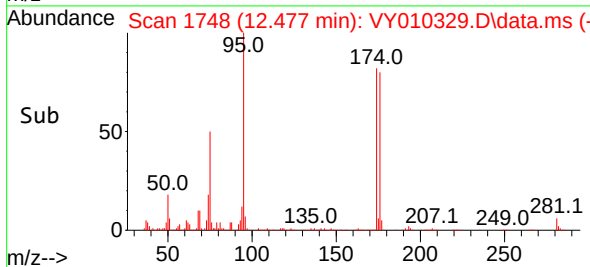
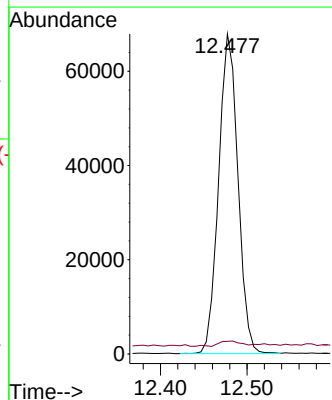
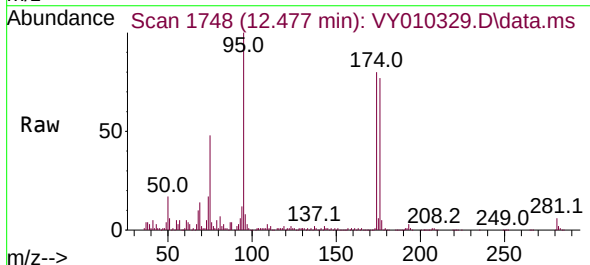
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-7.5-8.0

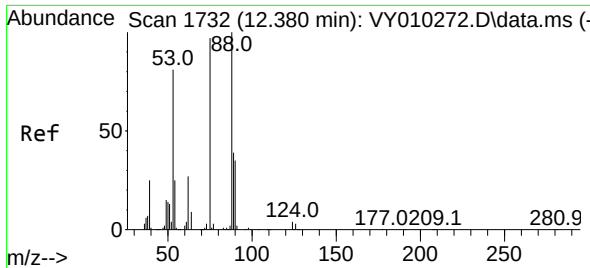
Tgt Ion:152 Resp: 218489
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.2 84.7
 150 155.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.418 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY010329.D
 Acq: 03 Sep 2022 18:42

Tgt Ion: 75 Resp: 105091
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.316 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010329.D
 Acq: 03 Sep 2022 18:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-7.5-8.0

Tgt Ion: 75 Resp: 105091
 Ion Ratio Lower Upper
 75 100
 53 0.8 85.3 127.9#
 89 0.3 37.0 55.4#

