

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010333.D
 Acq On : 03 Sep 2022 20:16
 Operator : KP/MD
 Sample : N4501-09
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12-7.5-8.0

Quant Time: Sep 05 04:24:06 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)

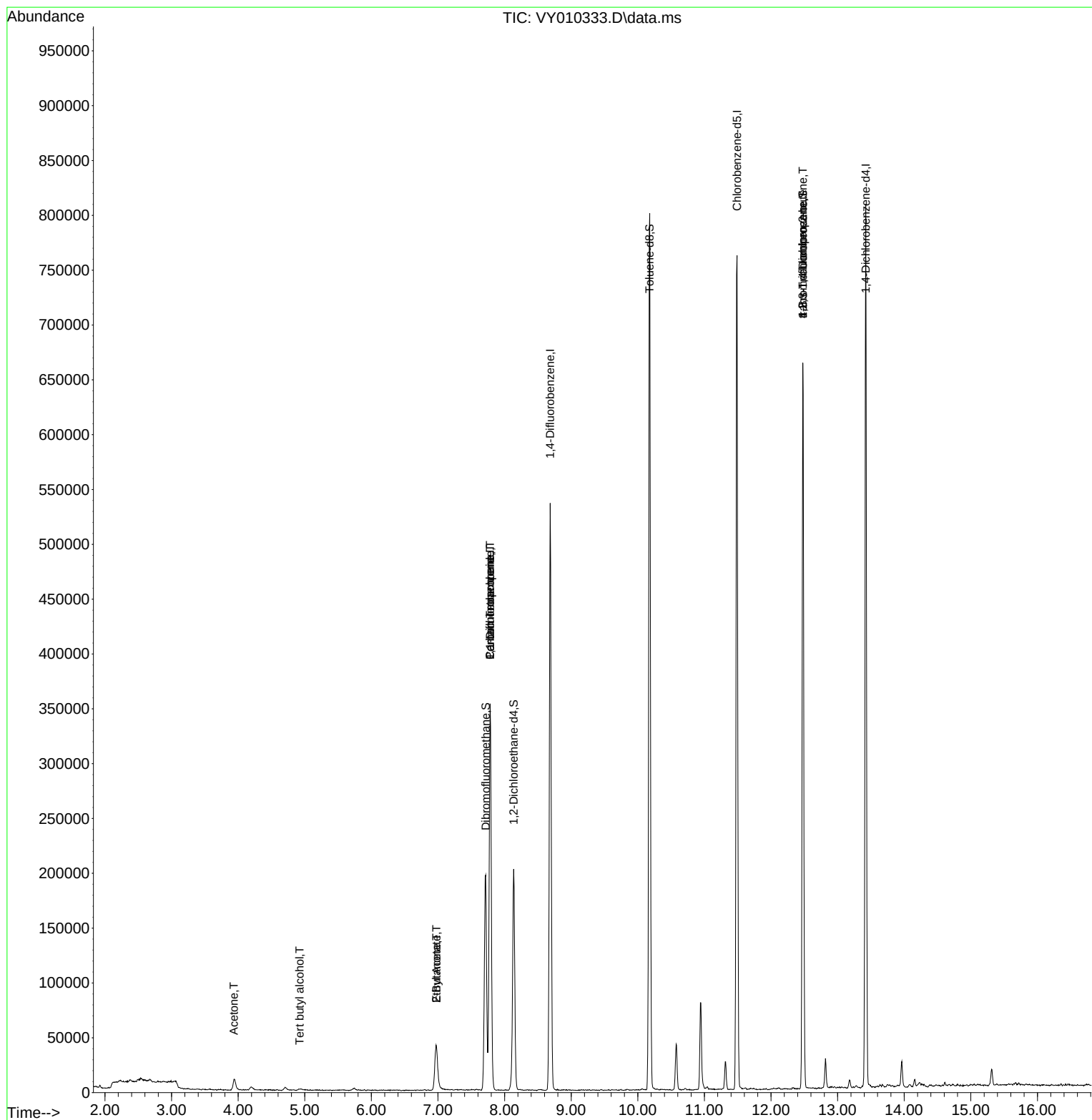
Internal Standards						
1) Pentafluorobenzene	7.783	168	283388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	461112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	433332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	206014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	149885	51.581	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	103.160%	
35) Dibromofluoromethane	7.716	113	139081	45.308	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	90.620%	
50) Toluene-d8	10.179	98	542916	52.826	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	105.660%	
62) 4-Bromofluorobenzene	12.477	95	194345	46.816	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	93.640%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	621	Below Cal	#	38
11) Tert butyl alcohol	4.923	59	1188	3.417	ug/l #	77
16) Acetone	3.936	43	18576	25.572	ug/l	94
25) 2-Butanone	6.978	43	6817	5.718	ug/l	92
36) 1,1-Dichloropropene	7.783	75	19845	4.406	ug/l #	51
37) Ethyl Acetate	6.978	43	6817	2.640	ug/l #	68
38) Carbon Tetrachloride	7.783	117	27399	5.903	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	100085	40.823	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	100085	85.163	ug/l #	7

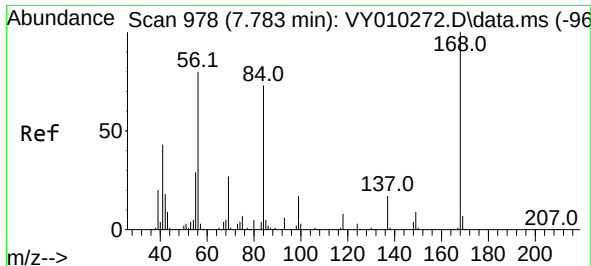
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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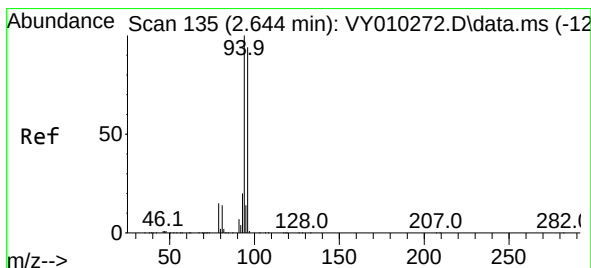
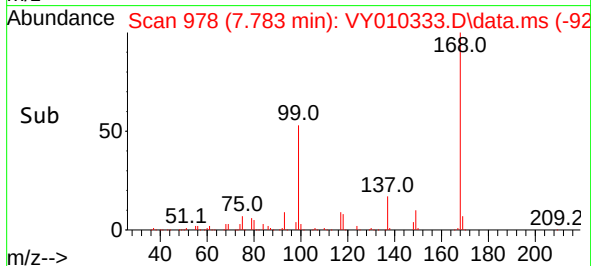
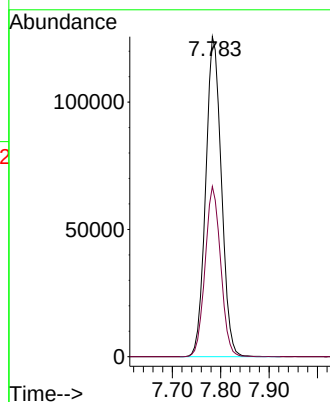
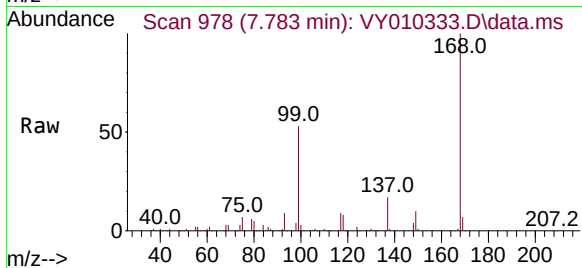




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010333.D
Acq: 03 Sep 2022 20:16

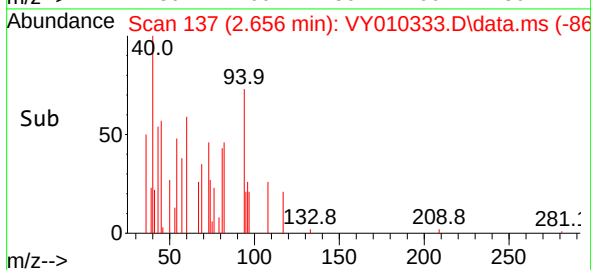
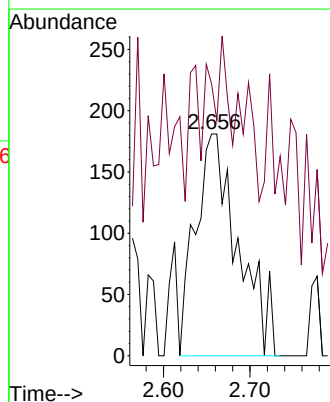
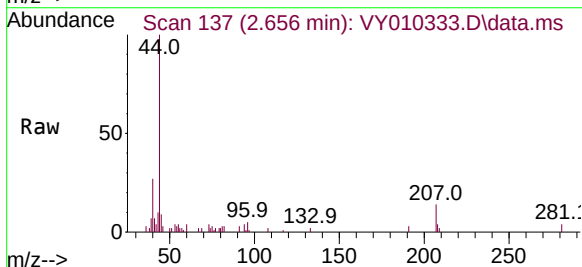
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-7.5-8.0

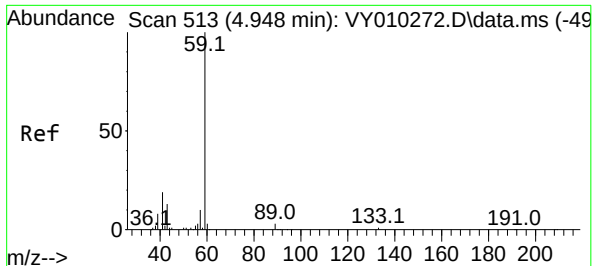
Tgt Ion:168 Resp: 283388
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.012 min
Lab File: VY010333.D
Acq: 03 Sep 2022 20:16

Tgt Ion: 94 Resp: 621
Ion Ratio Lower Upper
94 100
96 32.6 73.5 110.3#

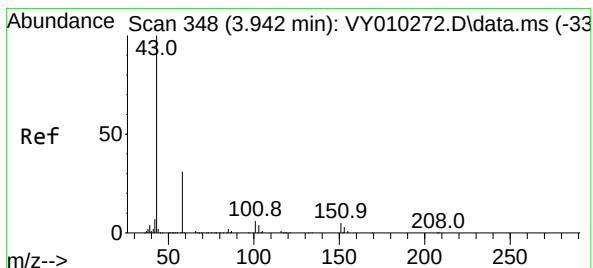
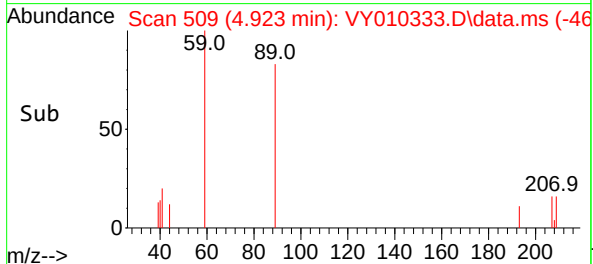
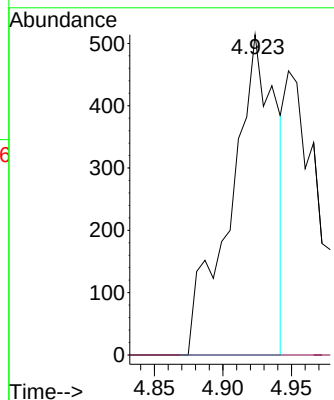
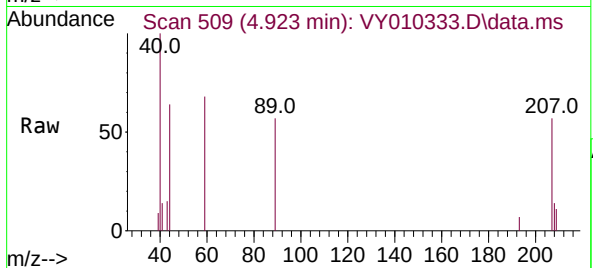




#11
Tert butyl alcohol
Concen: 3.417 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.025 min
Lab File: VY010333.D
Acq: 03 Sep 2022 20:16

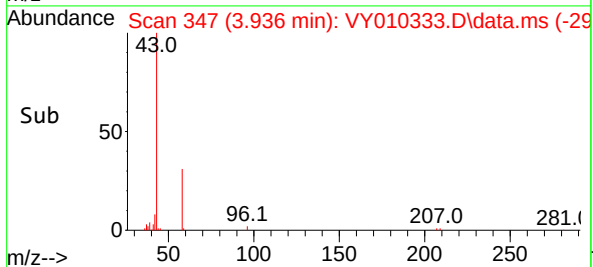
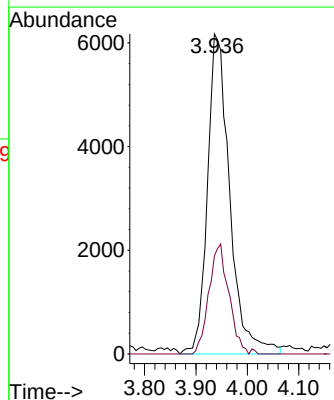
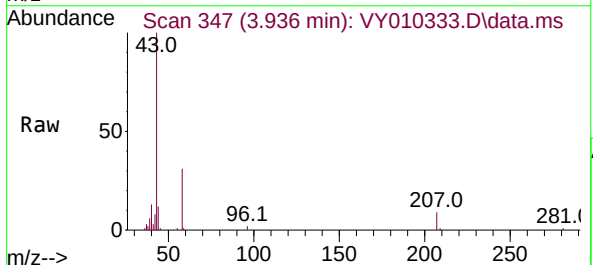
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-7.5-8.0

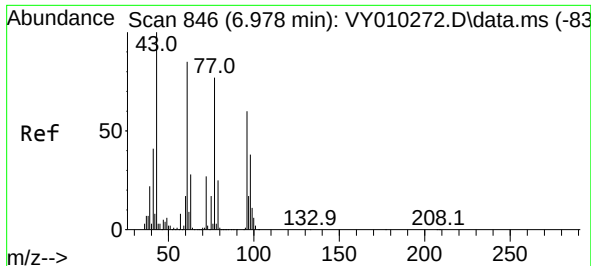
Tgt Ion: 59 Resp: 1188
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 25.572 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY010333.D
Acq: 03 Sep 2022 20:16

Tgt Ion: 43 Resp: 18576
Ion Ratio Lower Upper
43 100
58 30.7 22.0 33.0

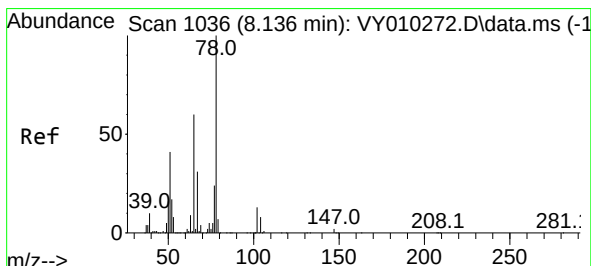
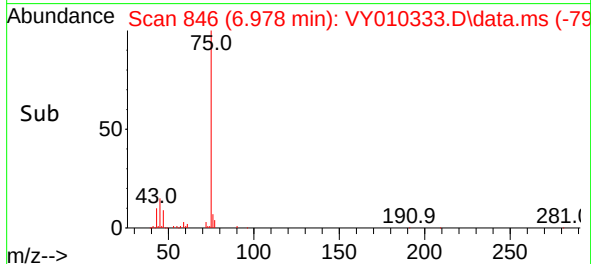
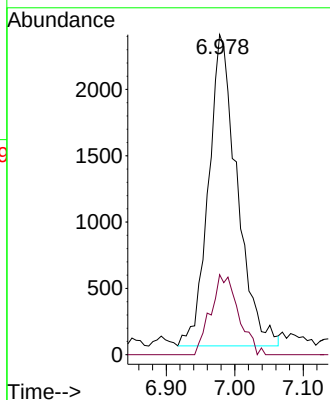
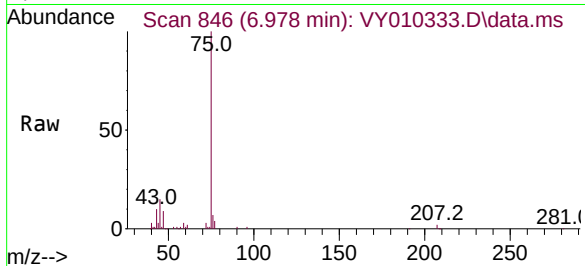




#25
2-Butanone
Concen: 5.718 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY010333.D
Acq: 03 Sep 2022 20:16

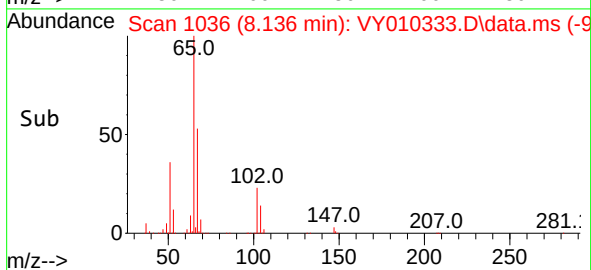
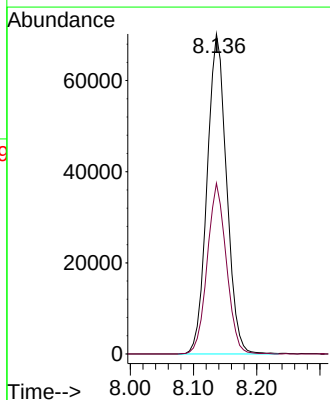
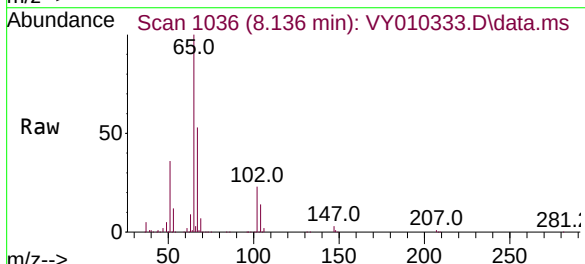
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-7.5-8.0

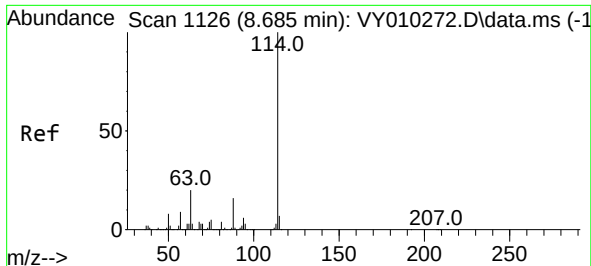
Tgt Ion: 43 Resp: 6817
Ion Ratio Lower Upper
43 100
72 25.7 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 51.581 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010333.D
Acq: 03 Sep 2022 20:16

Tgt Ion: 65 Resp: 149885
Ion Ratio Lower Upper
65 100
67 52.5 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: VY010333.D

Acq: 03 Sep 2022 20:16

Instrument :

MSVOA_Y

ClientSampleId :

SB-12-7.5-8.0

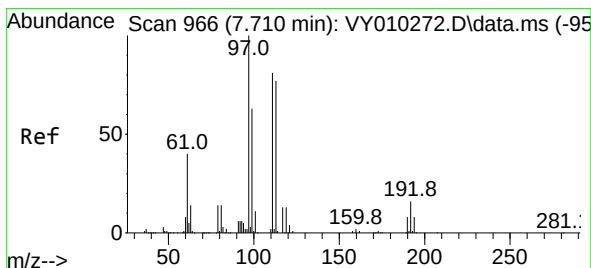
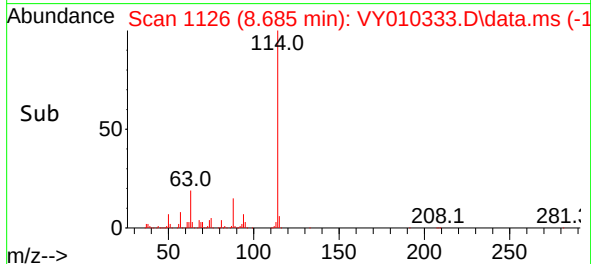
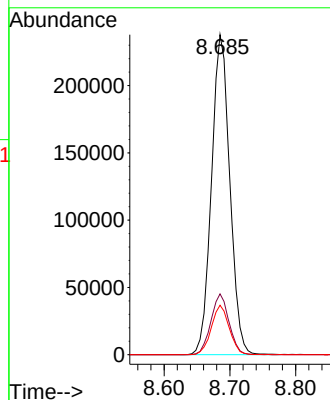
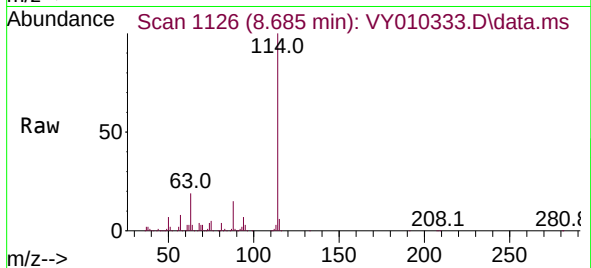
Tgt Ion:114 Resp: 461112

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.308 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010333.D

Acq: 03 Sep 2022 20:16

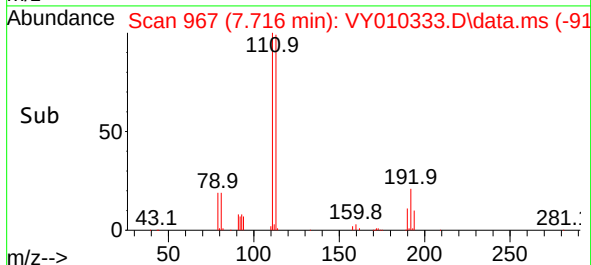
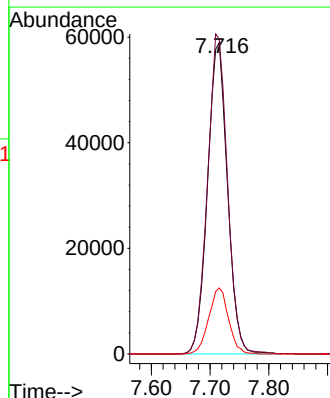
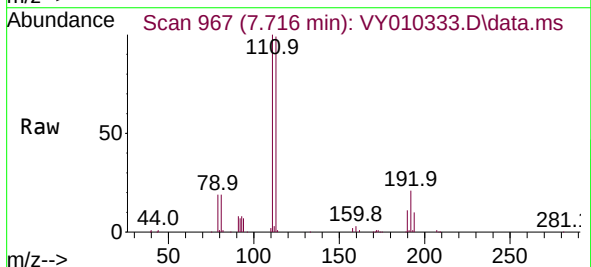
Tgt Ion:113 Resp: 139081

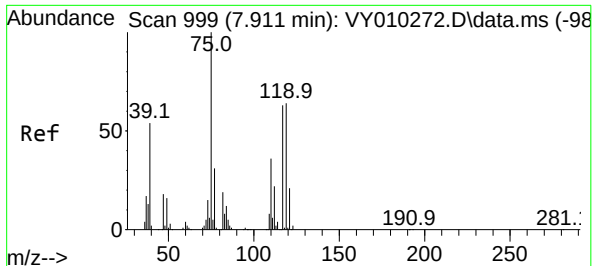
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 21.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.406 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY010333.D

Acq: 03 Sep 2022 20:16

Instrument :

MSVOA_Y

ClientSampleId :

SB-12-7.5-8.0

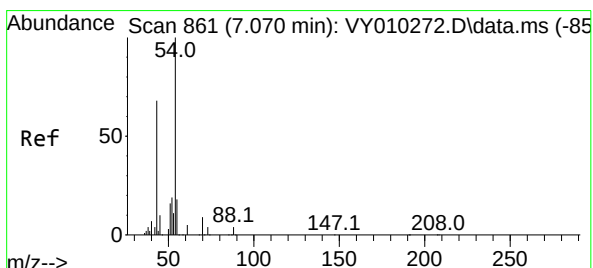
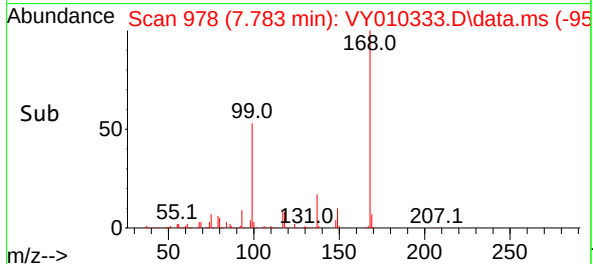
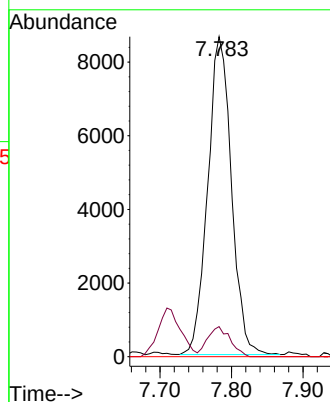
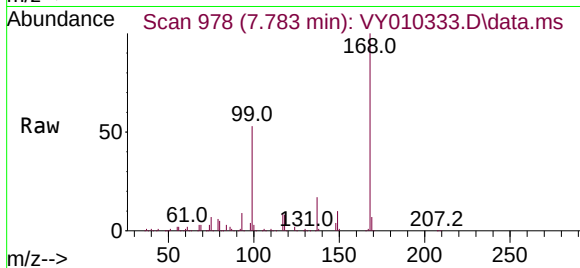
Tgt Ion: 75 Resp: 19845

Ion Ratio Lower Upper

75 100

110 9.0 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 2.640 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.092 min

Lab File: VY010333.D

Acq: 03 Sep 2022 20:16

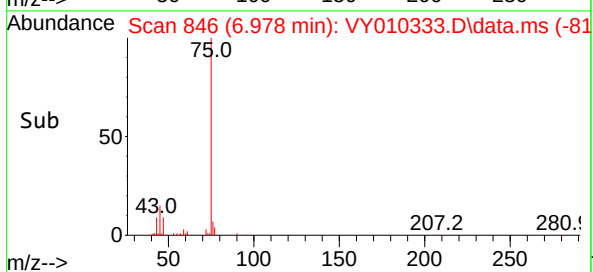
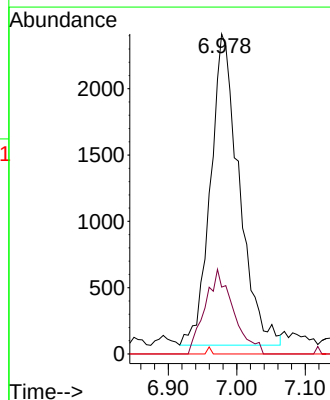
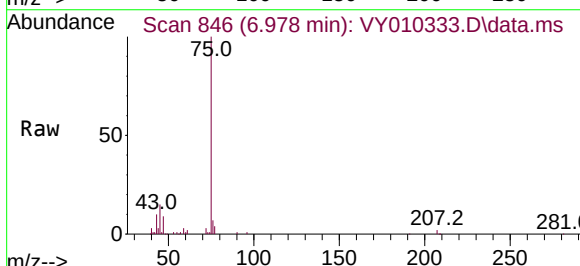
Tgt Ion: 43 Resp: 6817

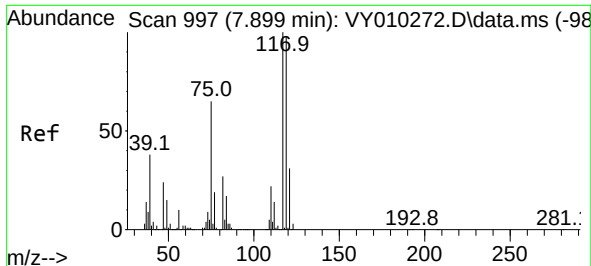
Ion Ratio Lower Upper

43 100

61 26.9 9.7 14.5#

70 0.3 7.1 10.7#

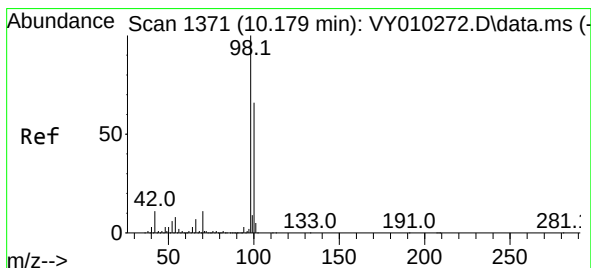
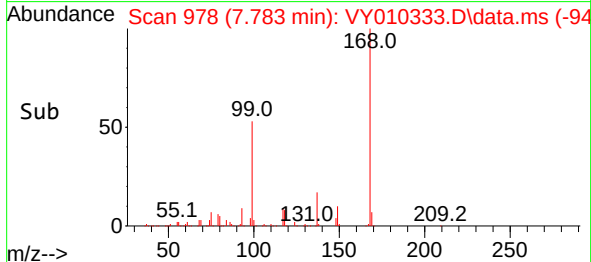
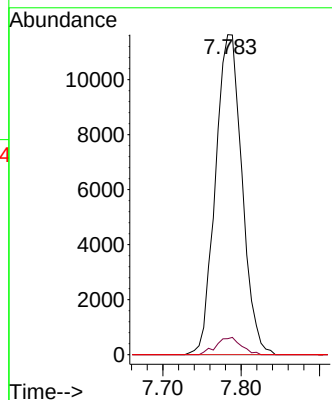
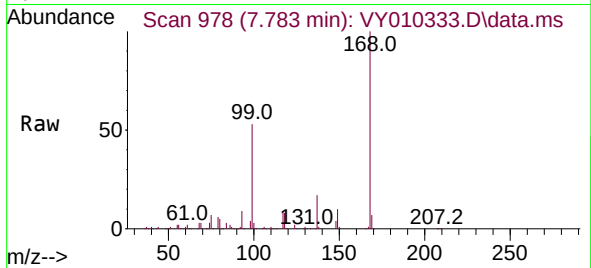




#38
Carbon Tetrachloride
Concen: 5.903 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010333.D
Acq: 03 Sep 2022 20:16

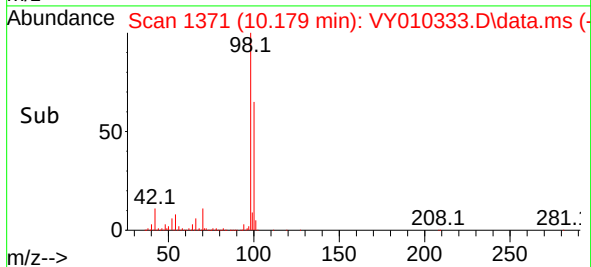
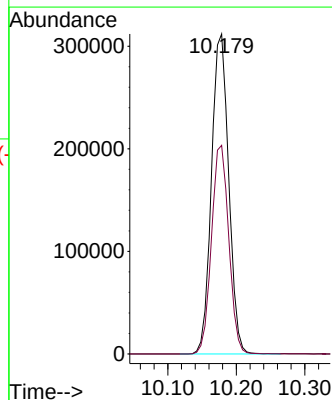
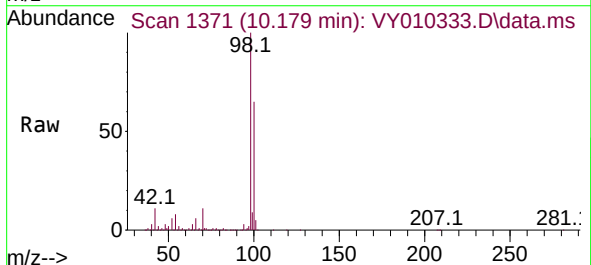
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SB-12-7.5-8.0

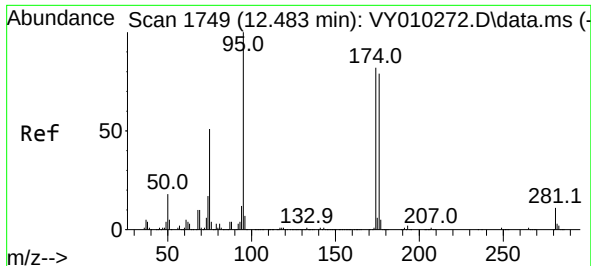
Tgt Ion:117 Resp: 27399
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.826 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010333.D
Acq: 03 Sep 2022 20:16

Tgt Ion: 98 Resp: 542916
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

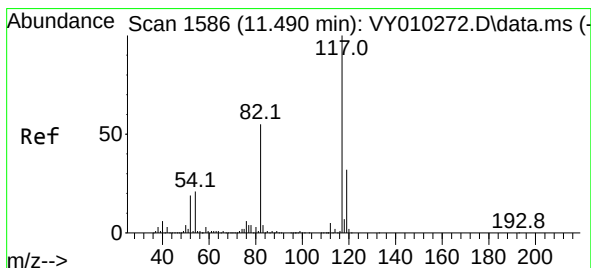
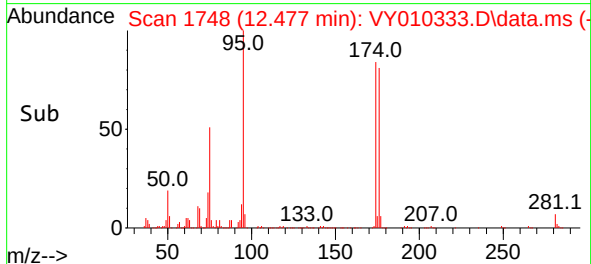
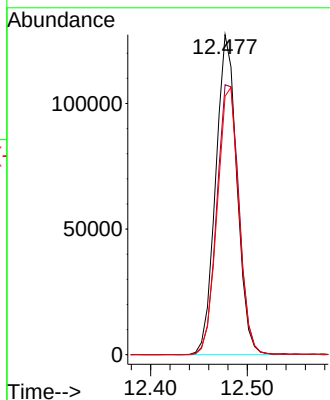
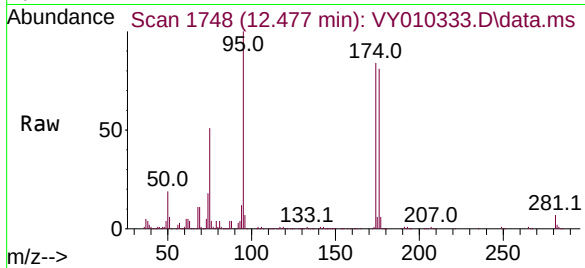




#62
4-Bromofluorobenzene
Concen: 46.816 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010333.D
Acq: 03 Sep 2022 20:16

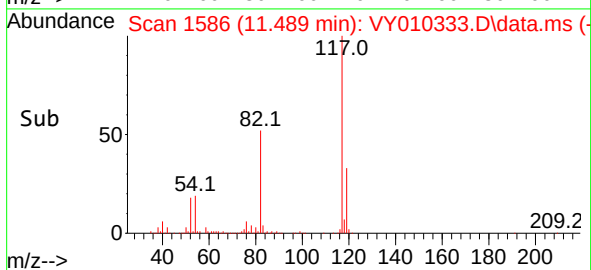
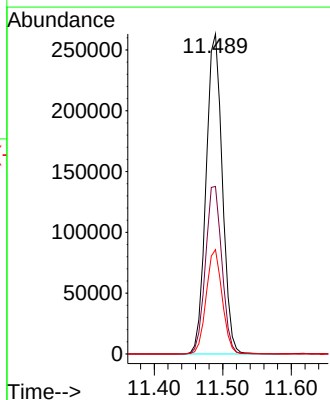
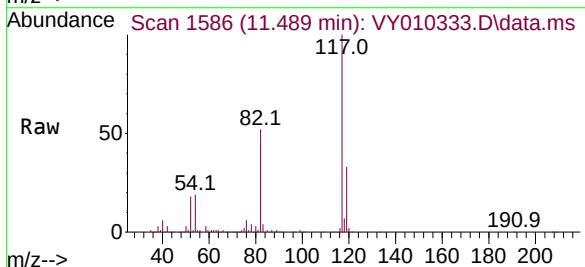
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-7.5-8.0

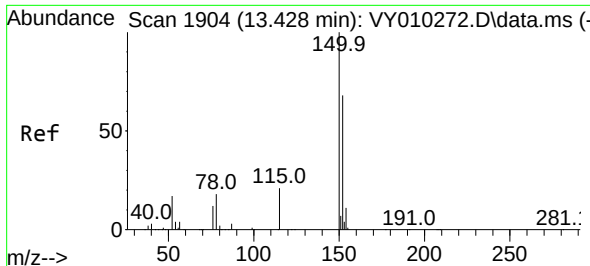
Tgt Ion: 95 Resp: 194345
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 85.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010333.D
Acq: 03 Sep 2022 20:16

Tgt Ion: 117 Resp: 433332
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.6 25.4 38.0

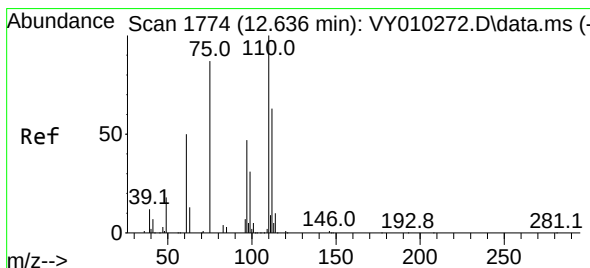
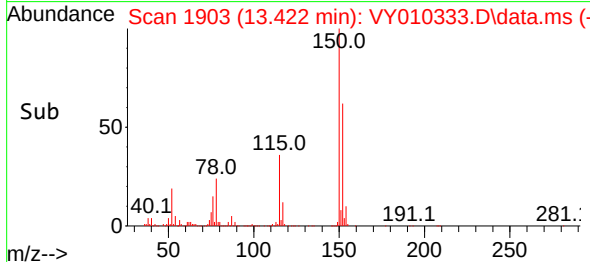
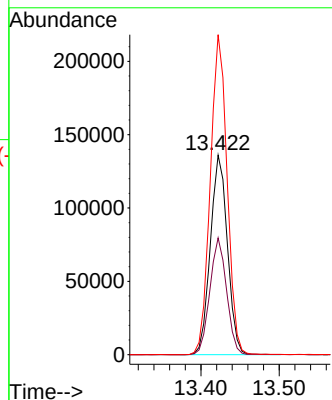
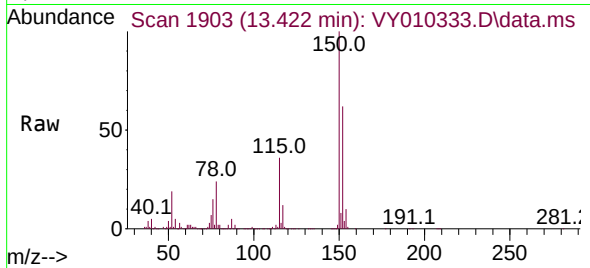




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY010333.D
 Acq: 03 Sep 2022 20:16

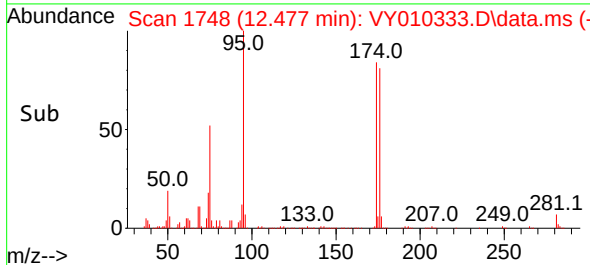
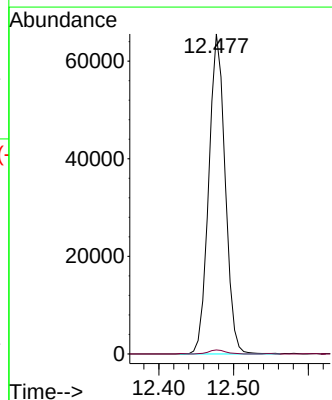
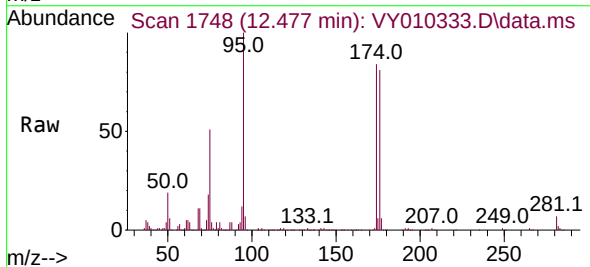
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12-7.5-8.0

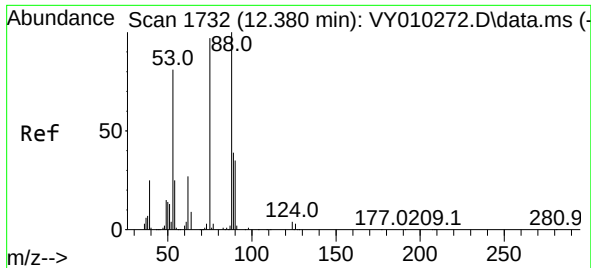
Tgt Ion:152 Resp: 206014
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.2 84.7
 150 157.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.823 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY010333.D
 Acq: 03 Sep 2022 20:16

Tgt Ion: 75 Resp: 100085
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.163 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010333.D
 Acq: 03 Sep 2022 20:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12-7.5-8.0

Tgt Ion: 75 Resp: 100085
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

