

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010332.D
 Acq On : 03 Sep 2022 19:52
 Operator : KP/MD
 Sample : N4501-07
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-7.5-8.0

Quant Time: Sep 05 04:23:49 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)

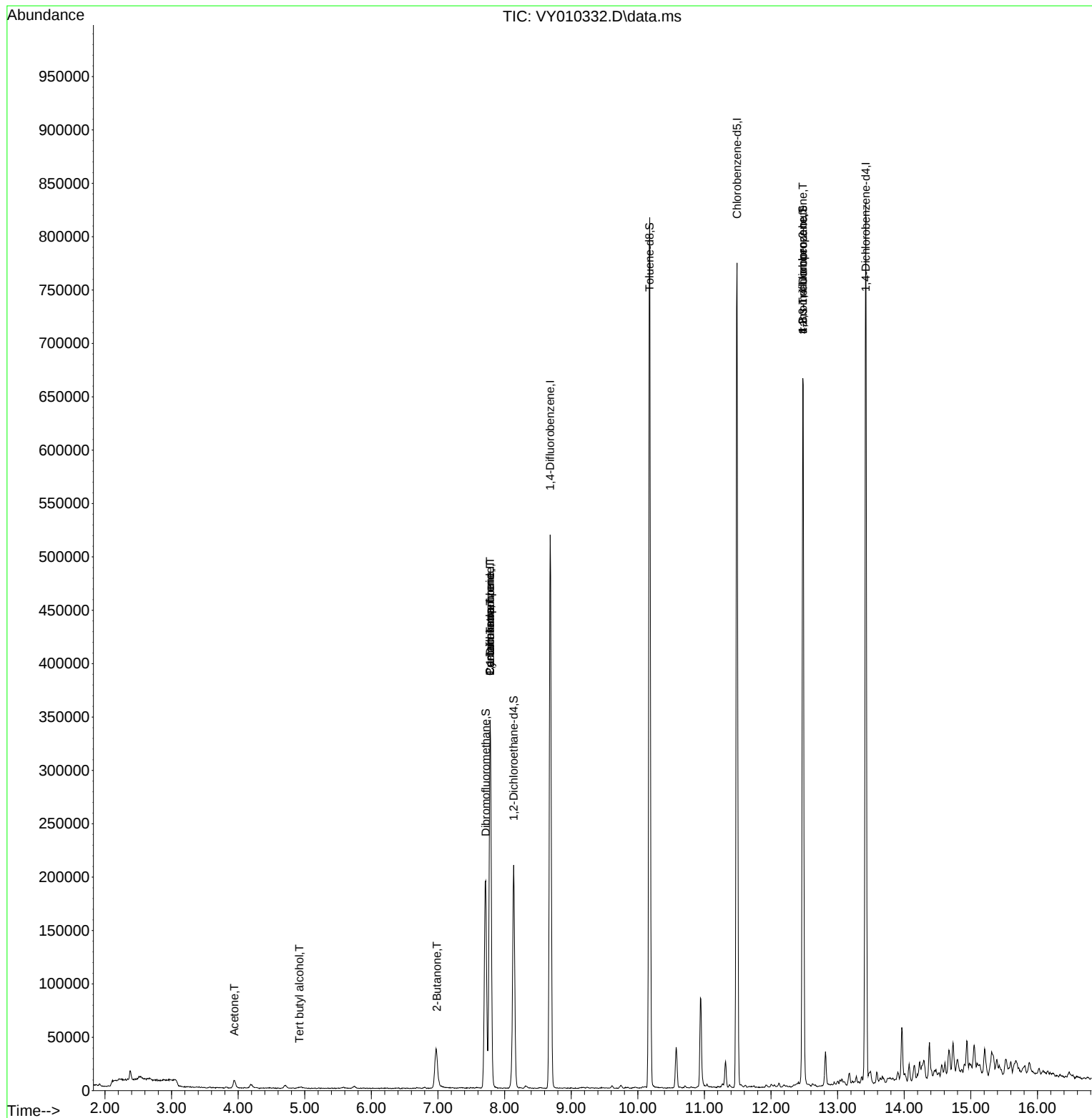
Internal Standards						
1) Pentafluorobenzene	7.783	168	283977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	459940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	434177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	213833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	154737	53.140	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	106.280%	
35) Dibromofluoromethane	7.716	113	138972	45.387	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	90.780%	
50) Toluene-d8	10.179	98	542737	52.943	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	105.880%	
62) 4-Bromofluorobenzene	12.477	95	198702	48.168	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	96.340%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.643	94	475	Below Cal	#	48
11) Tert butyl alcohol	4.917	59	937	2.690	ug/l #	86
16) Acetone	3.942	43	11740	16.128	ug/l	99
25) 2-Butanone	6.984	43	4901	4.103	ug/l #	89
31) Cyclohexane	7.783	56	5704	1.004	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	20280	4.514	ug/l #	51
38) Carbon Tetrachloride	7.783	117	25808	5.574	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	102041	40.099	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	102041	83.652	ug/l #	7

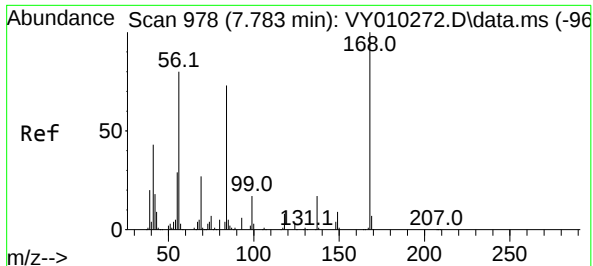
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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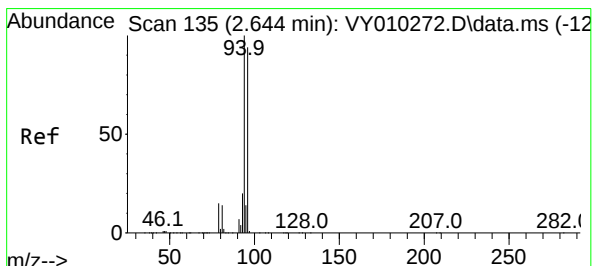
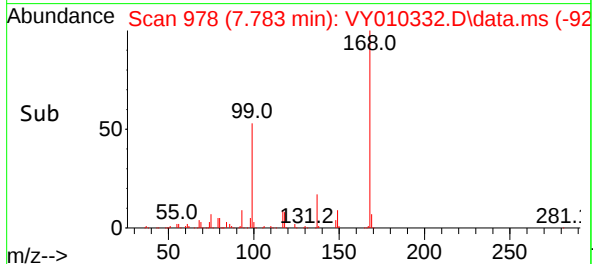
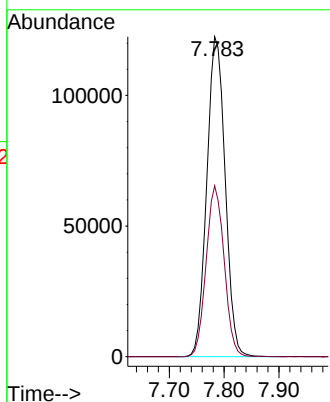
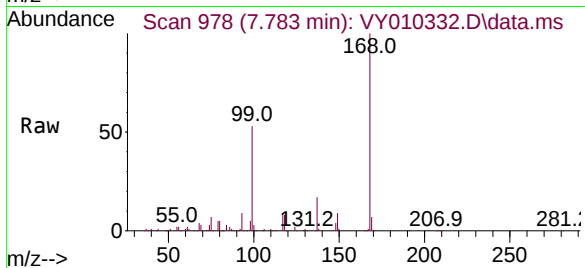




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010332.D
Acq: 03 Sep 2022 19:52

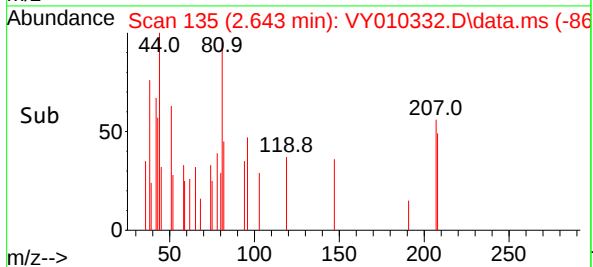
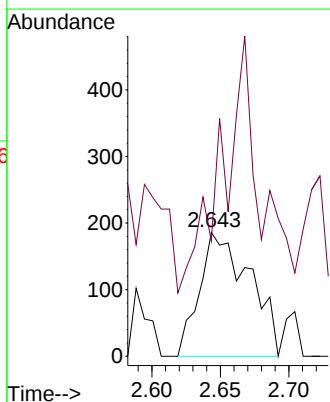
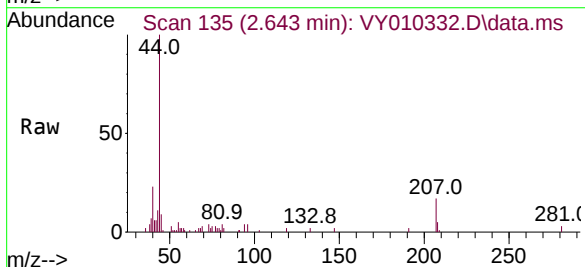
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-7.5-8.0

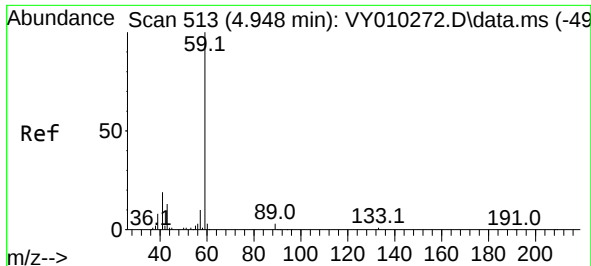
Tgt Ion:168 Resp: 283977
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.643 min Scan# 135
Delta R.T. -0.001 min
Lab File: VY010332.D
Acq: 03 Sep 2022 19:52

Tgt Ion: 94 Resp: 475
Ion Ratio Lower Upper
94 100
96 41.9 73.5 110.3#





#11

Tert butyl alcohol

Concen: 2.690 ug/l

RT: 4.917 min Scan# 50

Delta R.T. -0.031 min

Lab File: VY010332.D

Acq: 03 Sep 2022 19:52

Instrument :

MSVOA_Y

ClientSampleId :

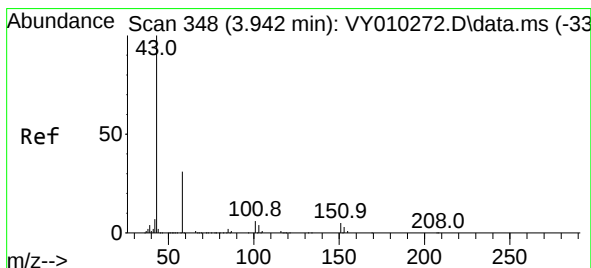
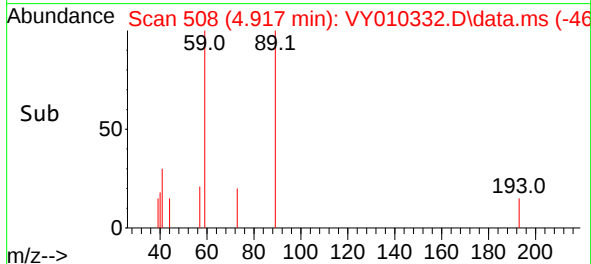
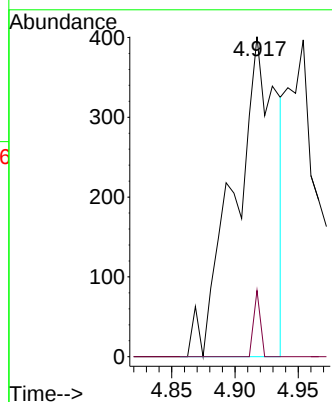
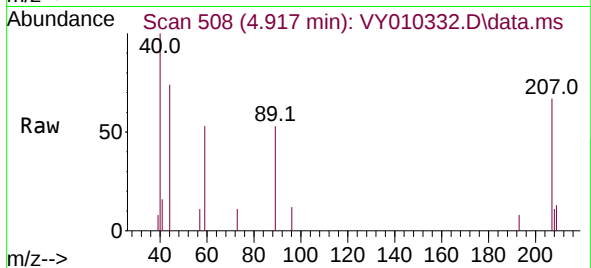
SB-11-7.5-8.0

Tgt Ion: 59 Resp: 937

Ion Ratio Lower Upper

59 100

57 3.2 6.4 9.6#



#16

Acetone

Concen: 16.128 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY010332.D

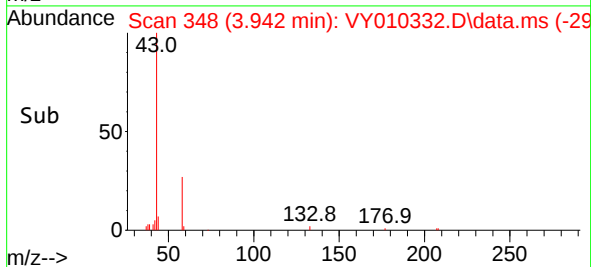
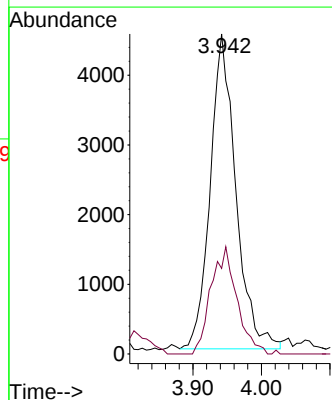
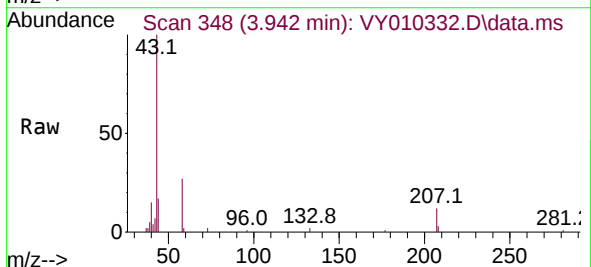
Acq: 03 Sep 2022 19:52

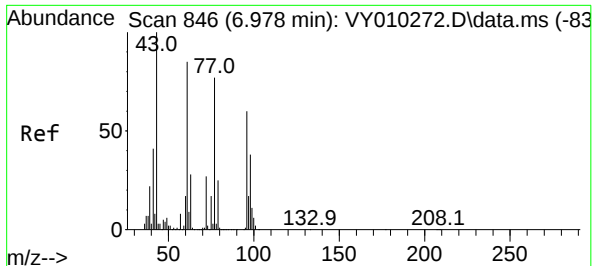
Tgt Ion: 43 Resp: 11740

Ion Ratio Lower Upper

43 100

58 27.2 22.0 33.0





#25

2-Butanone

Concen: 4.103 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY010332.D

Acq: 03 Sep 2022 19:52

Instrument :

MSVOA_Y

ClientSampleId :

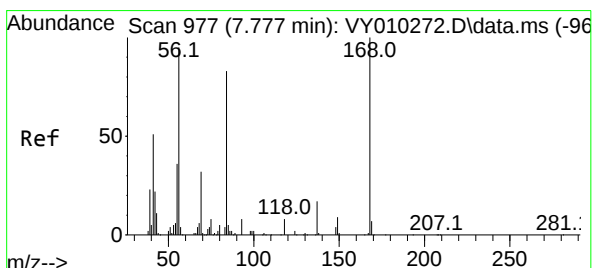
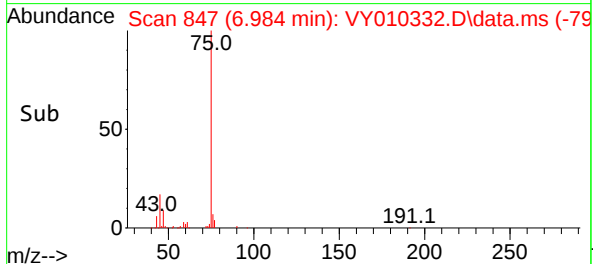
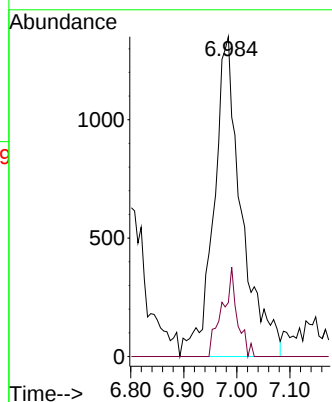
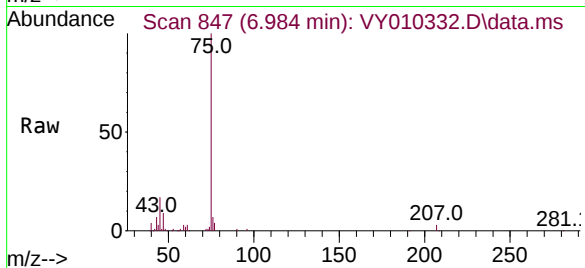
SB-11-7.5-8.0

Tgt Ion: 43 Resp: 4901

Ion Ratio Lower Upper

43 100

72 16.9 17.7 26.5#



#31

Cyclohexane

Concen: 1.004 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY010332.D

Acq: 03 Sep 2022 19:52

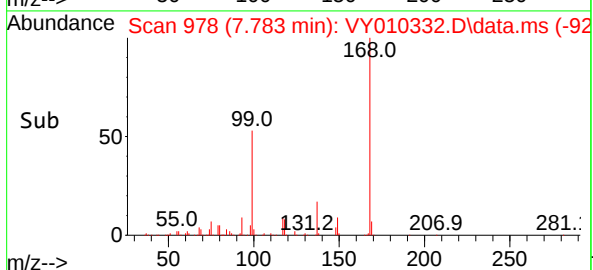
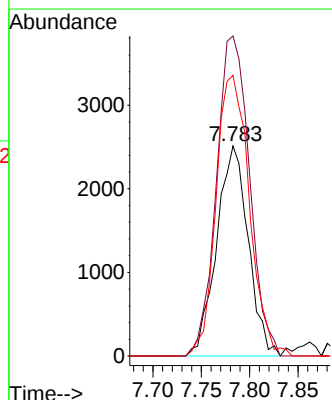
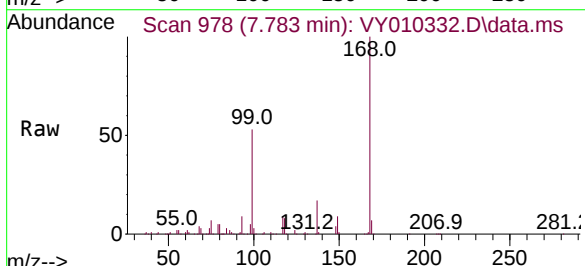
Tgt Ion: 56 Resp: 5704

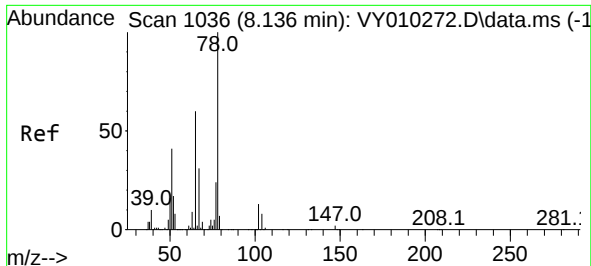
Ion Ratio Lower Upper

56 100

69 152.4 26.7 40.1#

84 133.7 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 53.140 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010332.D

Acq: 03 Sep 2022 19:52

Instrument :

MSVOA_Y

ClientSampleId :

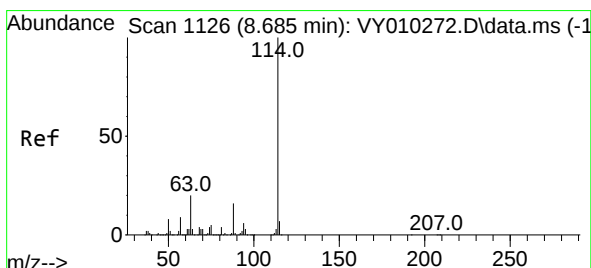
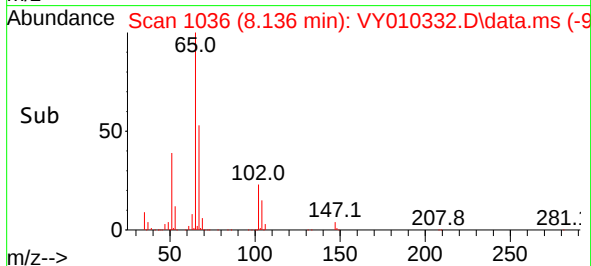
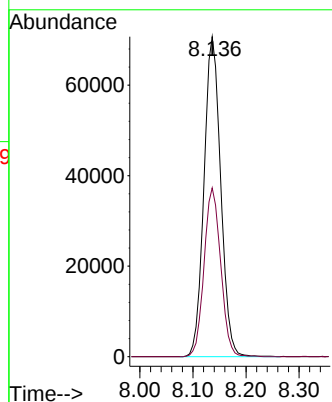
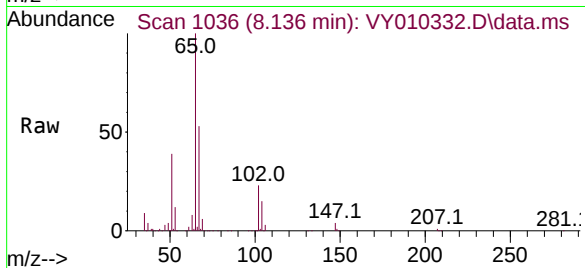
SB-11-7.5-8.0

Tgt Ion: 65 Resp: 154737

Ion Ratio Lower Upper

65 100

67 52.3 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: VY010332.D

Acq: 03 Sep 2022 19:52

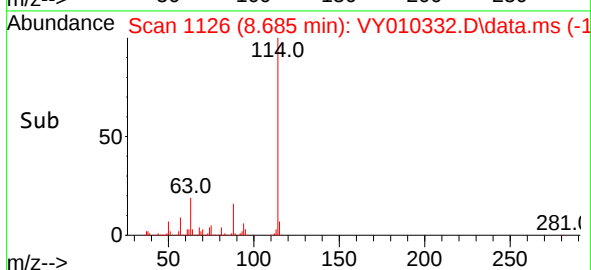
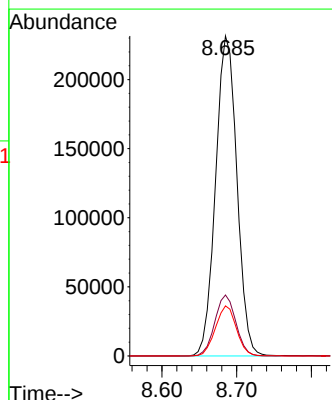
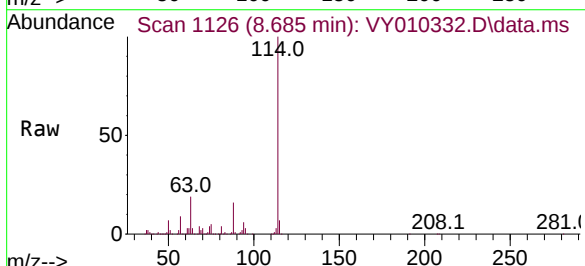
Tgt Ion: 114 Resp: 459940

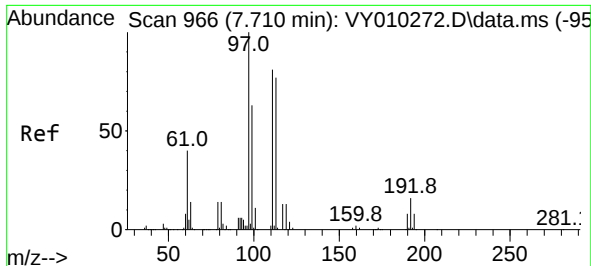
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.7 0.0 31.8

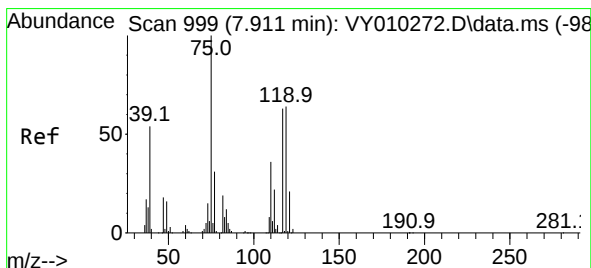
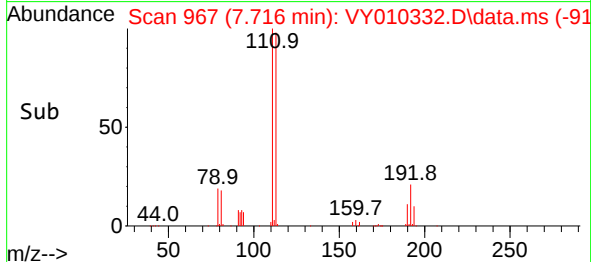
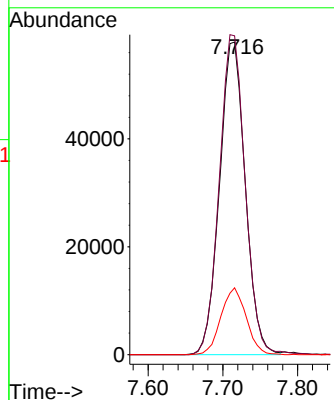
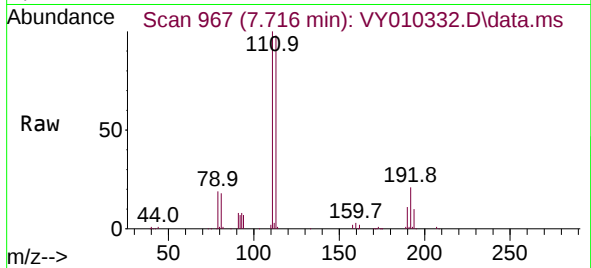




#35
Dibromofluoromethane
Concen: 45.387 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010332.D
Acq: 03 Sep 2022 19:52

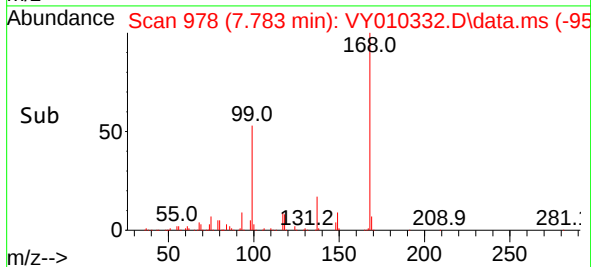
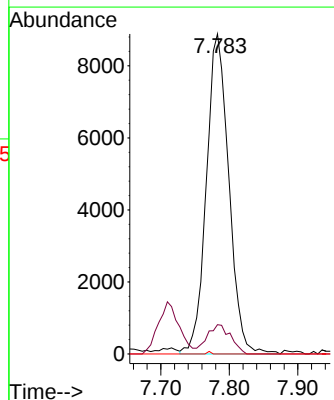
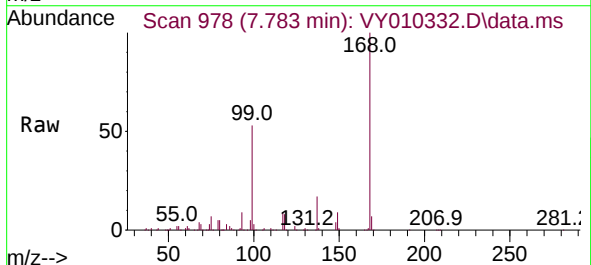
Instrument :
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ClientSampleId :
SB-11-7.5-8.0

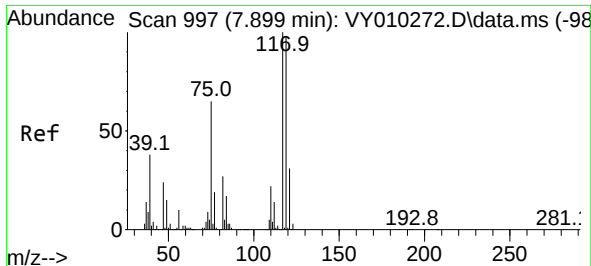
Tgt Ion:113 Resp: 138972
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 21.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.514 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010332.D
Acq: 03 Sep 2022 19:52

Tgt Ion: 75 Resp: 20280
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.1 24.4 36.6#

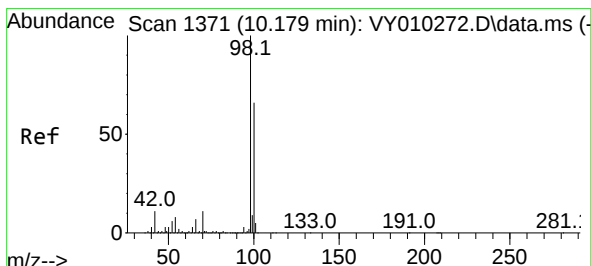
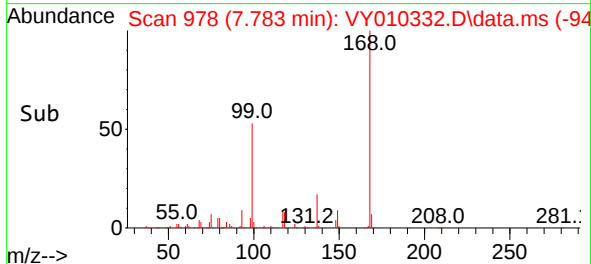
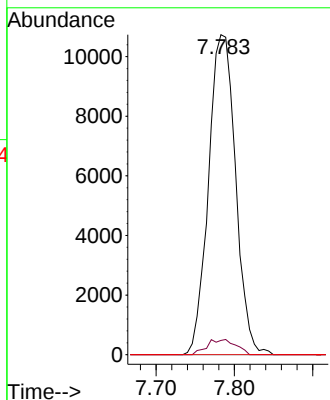
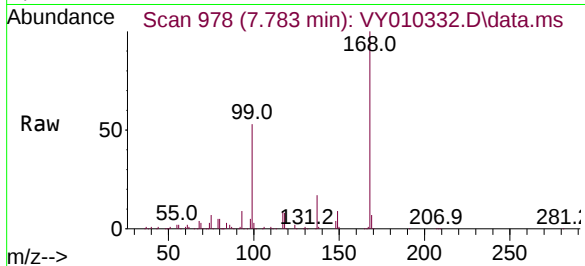




#38
Carbon Tetrachloride
Concen: 5.574 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010332.D
Acq: 03 Sep 2022 19:52

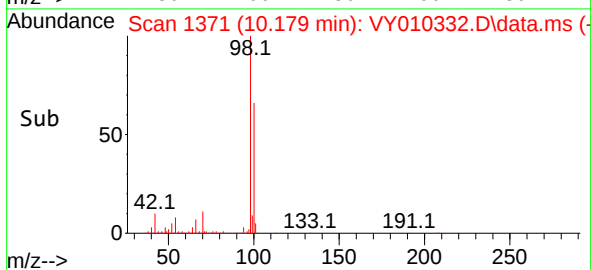
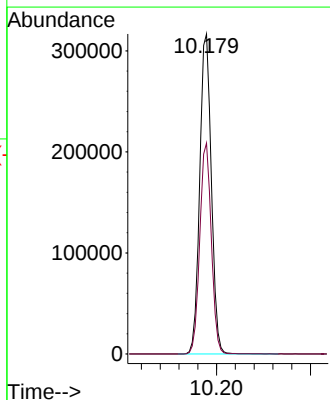
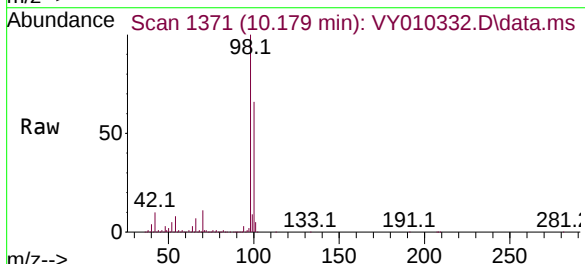
Instrument :
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SB-11-7.5-8.0

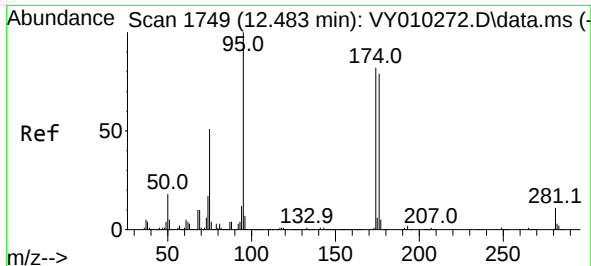
Tgt Ion:117 Resp: 25808
Ion Ratio Lower Upper
117 100
119 4.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.943 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010332.D
Acq: 03 Sep 2022 19:52

Tgt Ion: 98 Resp: 542737
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

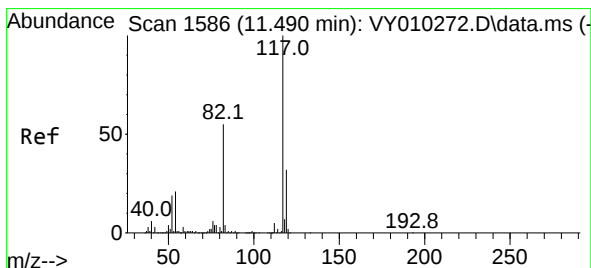
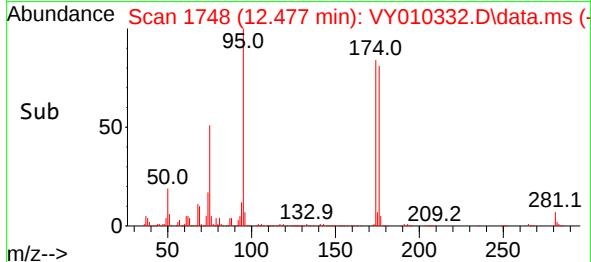
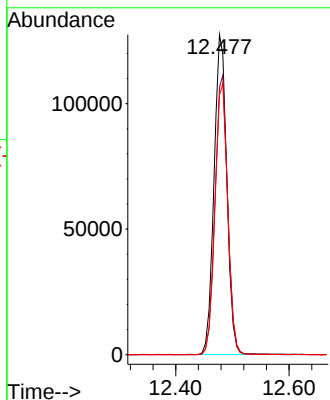
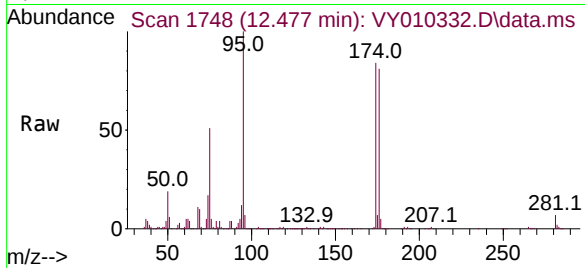




#62
4-Bromofluorobenzene
Concen: 48.168 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010332.D
Acq: 03 Sep 2022 19:52

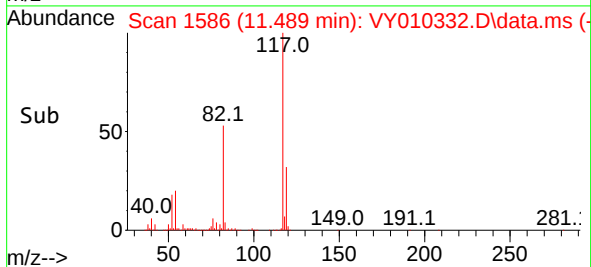
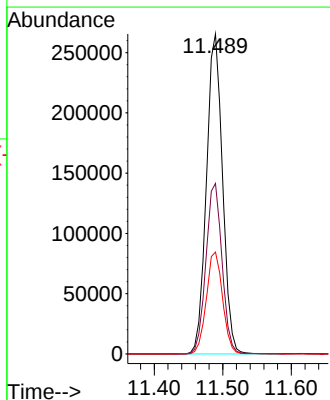
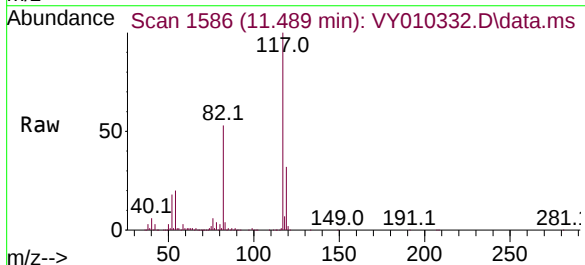
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-7.5-8.0

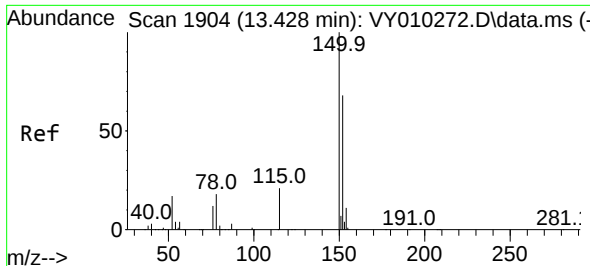
Tgt Ion: 95 Resp: 198702
Ion Ratio Lower Upper
95 100
174 87.2 0.0 177.0
176 84.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010332.D
Acq: 03 Sep 2022 19:52

Tgt Ion: 117 Resp: 434177
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 31.8 25.4 38.0

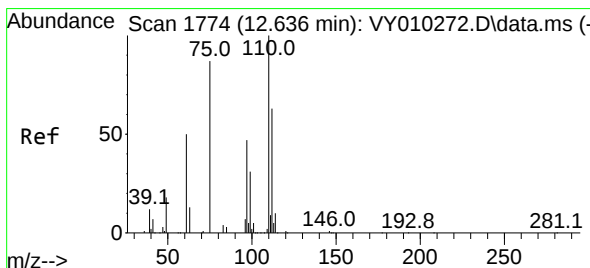
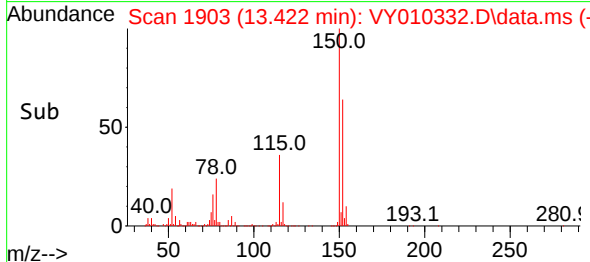
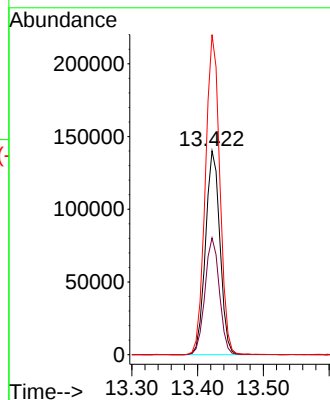
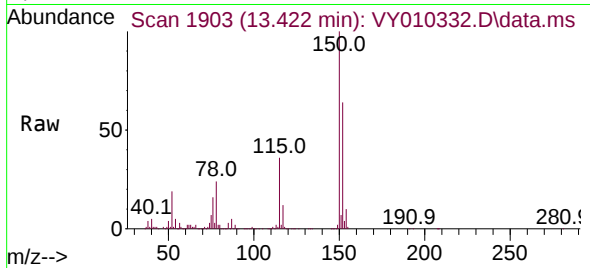




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY010332.D
 Acq: 03 Sep 2022 19:52

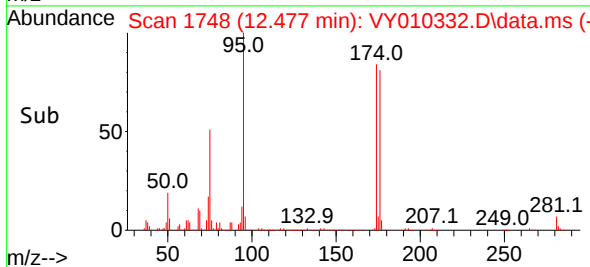
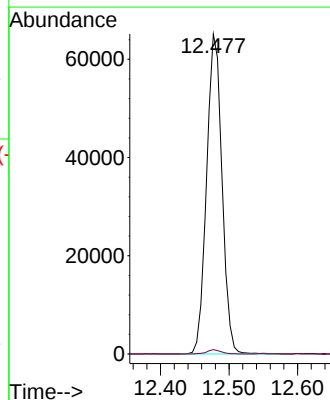
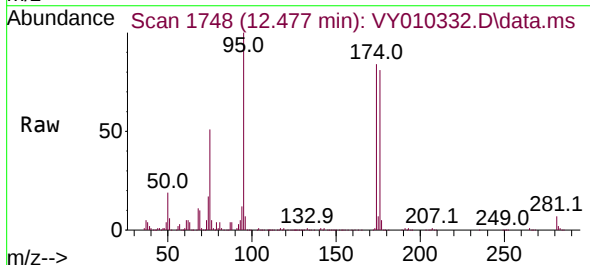
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-7.5-8.0

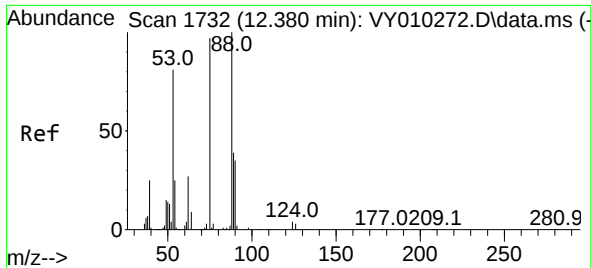
Tgt Ion:152 Resp: 213833
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.2 84.7
 150 157.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.099 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY010332.D
 Acq: 03 Sep 2022 19:52

Tgt Ion: 75 Resp: 102041
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.652 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010332.D
 Acq: 03 Sep 2022 19:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-7.5-8.0

Tgt Ion: 75 Resp: 102041
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.3 127.9#
 89 0.0 37.0 55.4#

