

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090722\
 Data File : VY0103MB.D
 Acq On : 07 Sep 2022 11:08
 Operator : KP/MD
 Sample : VY0907SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 08 03:43:18 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)

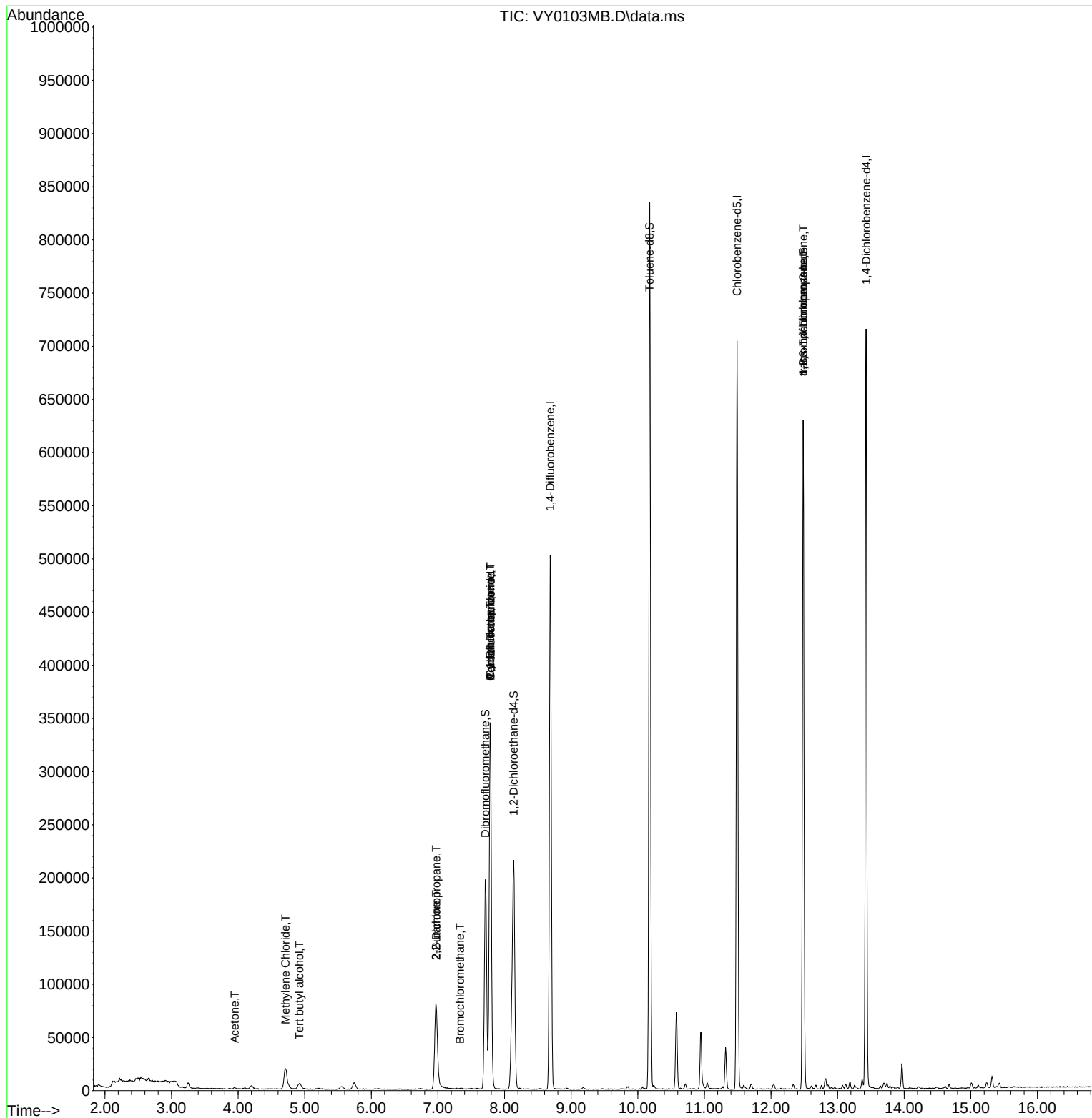
Internal Standards						
1) Pentafluorobenzene	7.789	168	281193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	448114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	389257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	186411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	143875	49.899	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.800%
35) Dibromofluoromethane	7.710	113	142015	47.605	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.220%
50) Toluene-d8	10.179	98	539070	53.973	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.940%
62) 4-Bromofluorobenzene	12.483	95	179329	44.087	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.180%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	1128	Below Cal	#	78
11) Tert butyl alcohol	4.918	59	6195	17.959	ug/l #	77
16) Acetone	3.948	43	2269	3.148	ug/l	99
20) Methylene Chloride	4.710	84	14811	4.258	ug/l	85
25) 2-Butanone	6.972	43	5086	4.300	ug/l #	81
26) 2,2-Dichloropropane	6.972	77	6297	1.199	ug/l #	55
28) Bromochloromethane	7.332	49	19	1.545	ug/l #	16
31) Cyclohexane	7.783	56	5948	1.057	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	20533	4.691	ug/l #	50
38) Carbon Tetrachloride	7.789	117	26258	5.821	ug/l #	14
58) 2-Chloroethyl Vinyl ether	9.789	63	242	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.483	75	93390	42.098	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	93390	87.822	ug/l #	7

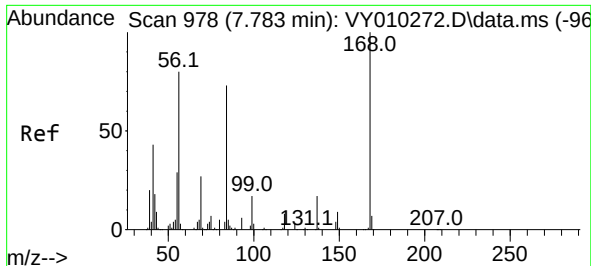
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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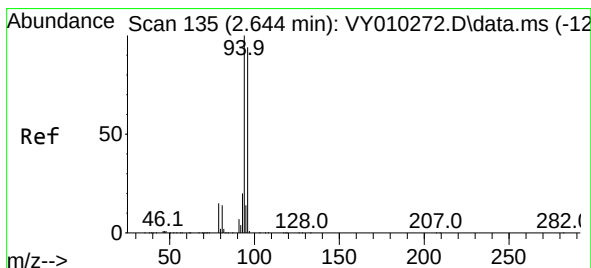
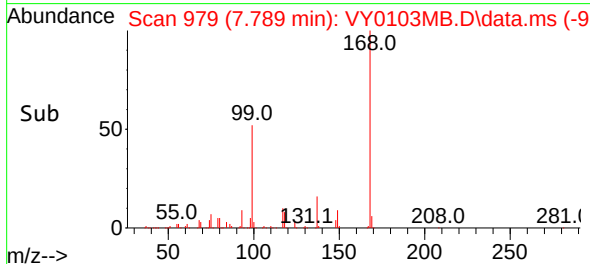
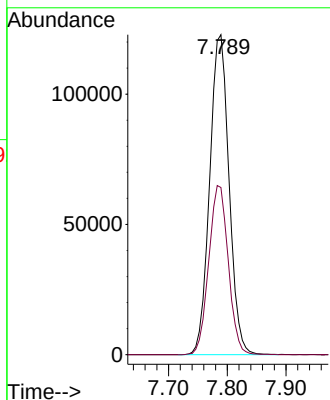
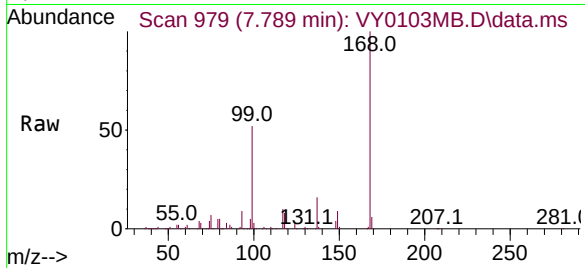




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY0103MB.D
Acq: 07 Sep 2022 11:08

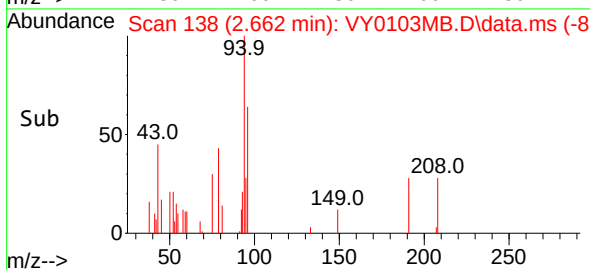
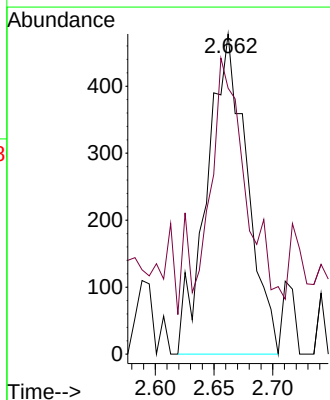
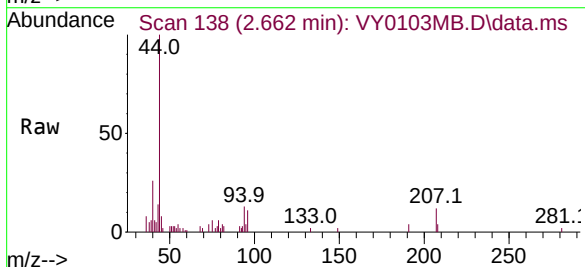
Instrument :
MSVOA_Y
ClientSampleId :

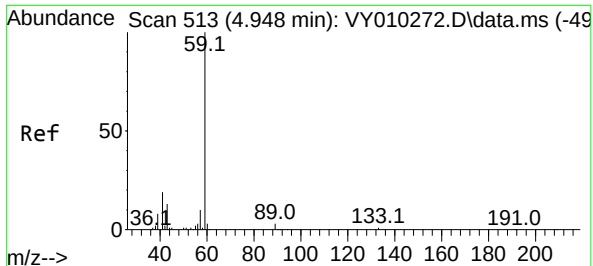
Tgt Ion:168 Resp: 281193
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.018 min
Lab File: VY0103MB.D
Acq: 07 Sep 2022 11:08

Tgt Ion: 94 Resp: 1128
Ion Ratio Lower Upper
94 100
96 70.7 73.5 110.3#





#11

Tert butyl alcohol

Concen: 17.959 ug/l

RT: 4.918 min Scan# 50

Delta R.T. -0.030 min

Lab File: VY0103MB.D

Acq: 07 Sep 2022 11:08

Instrument :

MSVOA_Y

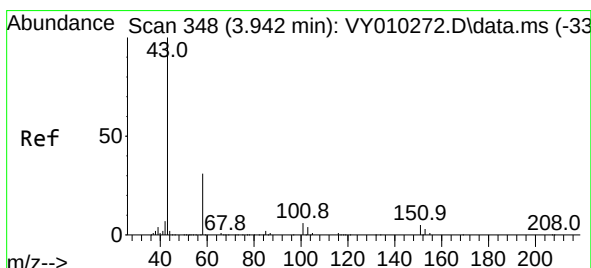
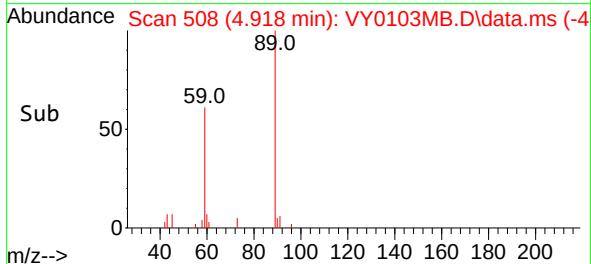
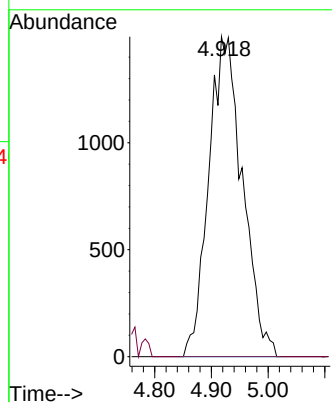
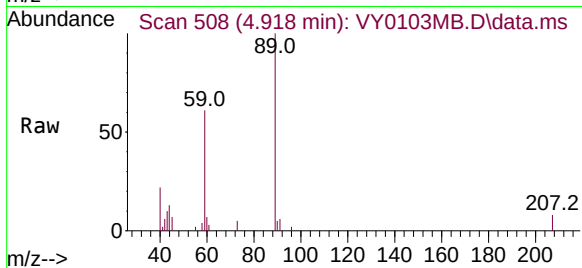
ClientSampleId :

Tgt Ion: 59 Resp: 6195

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 3.148 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY0103MB.D

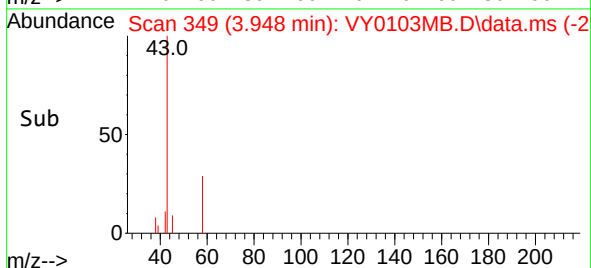
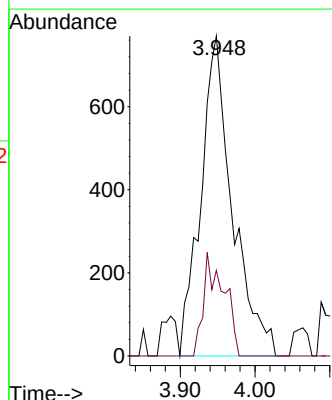
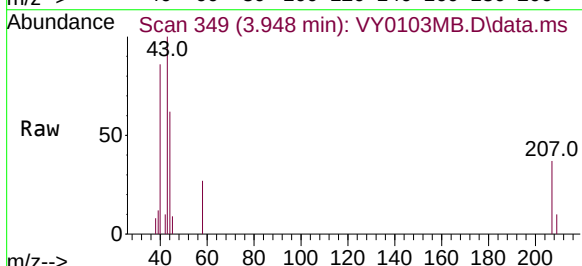
Acq: 07 Sep 2022 11:08

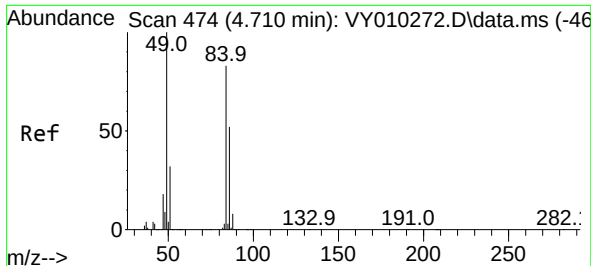
Tgt Ion: 43 Resp: 2269

Ion Ratio Lower Upper

43 100

58 26.8 22.0 33.0

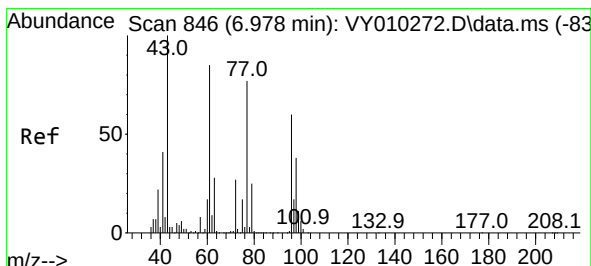
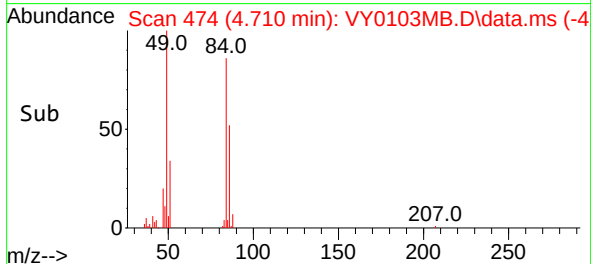
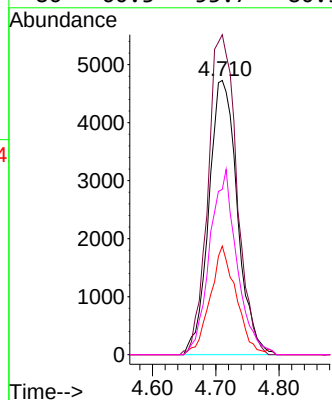
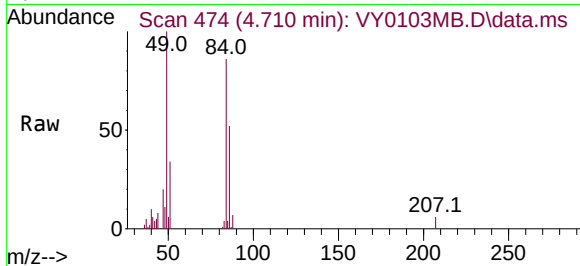




#20
Methylene Chloride
Concen: 4.258 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY0103MB.D
Acq: 07 Sep 2022 11:08

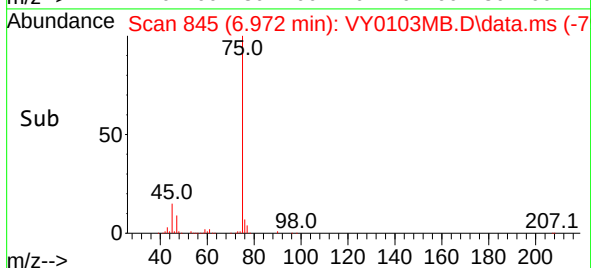
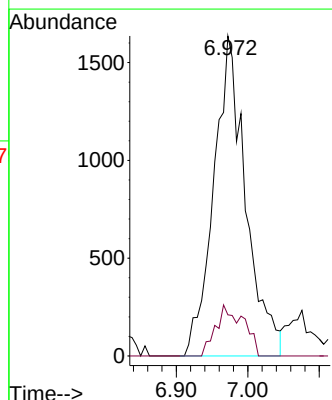
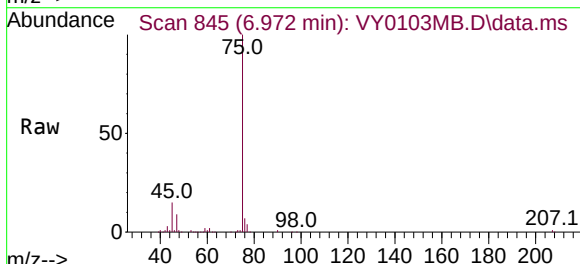
Instrument :
MSVOA_Y
ClientSampleId :

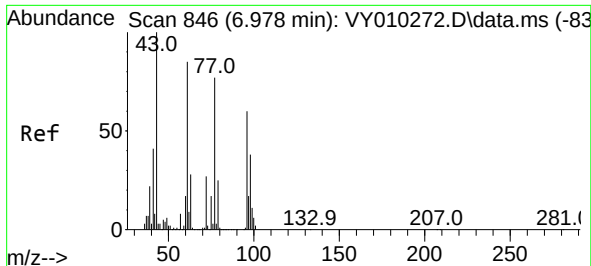
Tgt Ion:	84	Resp:	14811
Ion	Ratio	Lower	Upper
84	100		
49	116.7	114.4	171.6
51	39.6	35.3	52.9
86	60.3	53.7	80.5



#25
2-Butanone
Concen: 4.300 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY0103MB.D
Acq: 07 Sep 2022 11:08

Tgt Ion:	43	Resp:	5086
Ion	Ratio	Lower	Upper
43	100		
72	12.8	17.7	26.5#

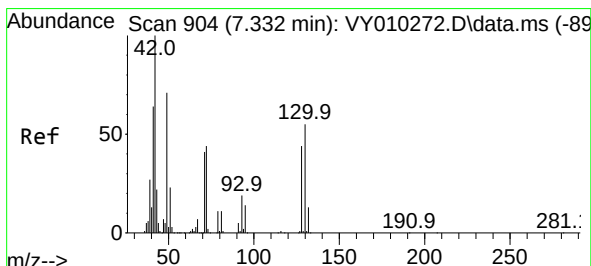
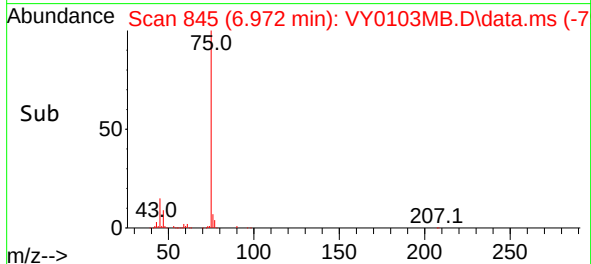
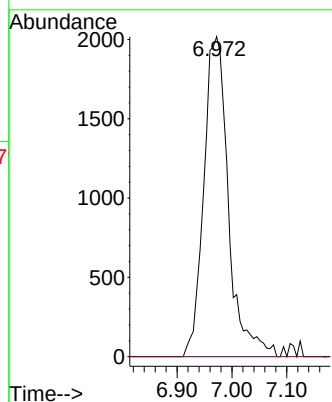
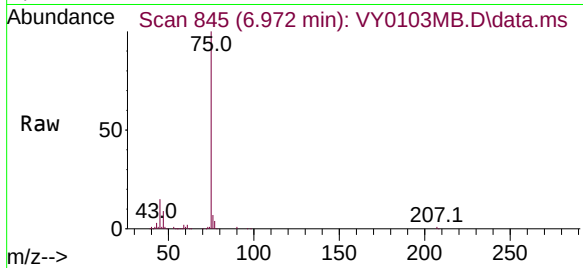




#26
2,2-Dichloropropane
Concen: 1.199 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY0103MB.D
Acq: 07 Sep 2022 11:08

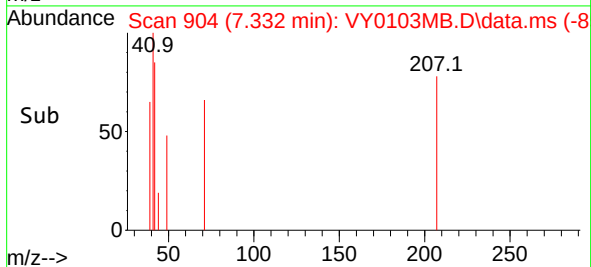
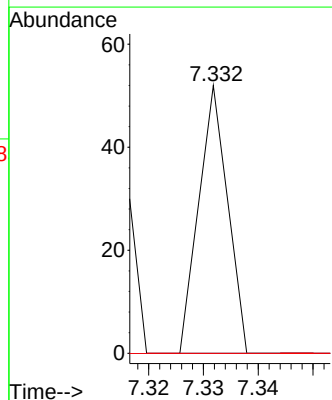
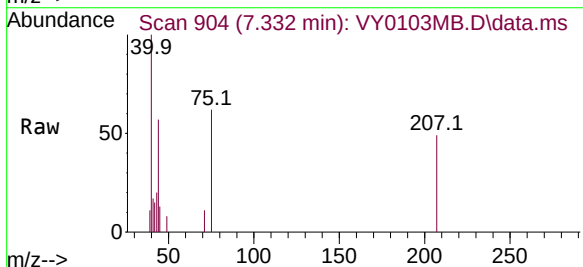
Instrument :
MSVOA_Y
ClientSampleId :

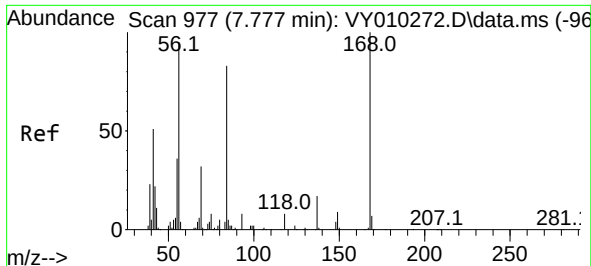
Tgt Ion: 77 Resp: 6297
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#28
Bromochloromethane
Concen: 1.545 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY0103MB.D
Acq: 07 Sep 2022 11:08

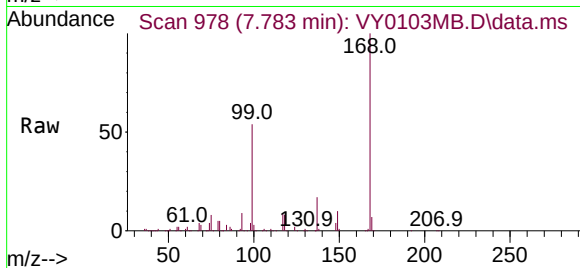
Tgt Ion: 49 Resp: 19
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 0.0 55.4 83.0#



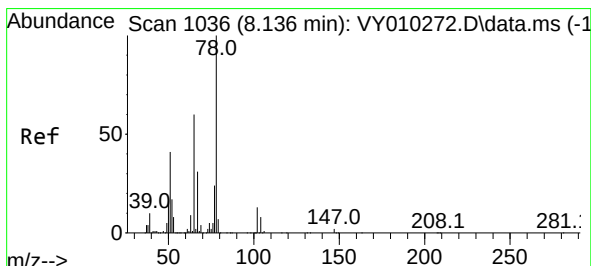
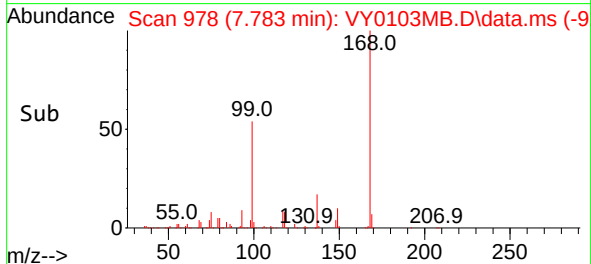
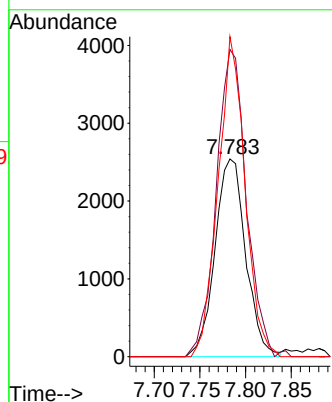


#31
Cyclohexane
Concen: 1.057 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY0103MB.D
Acq: 07 Sep 2022 11:08

Instrument :
MSVOA_Y
ClientSampleId :

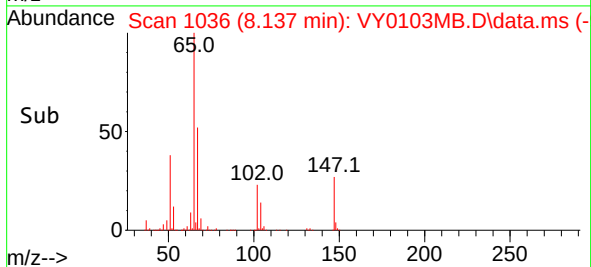
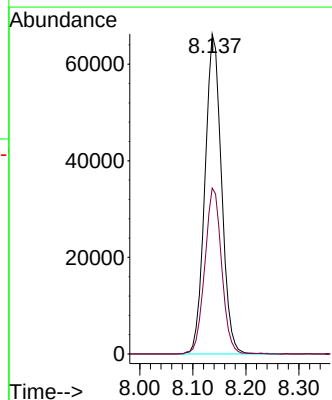
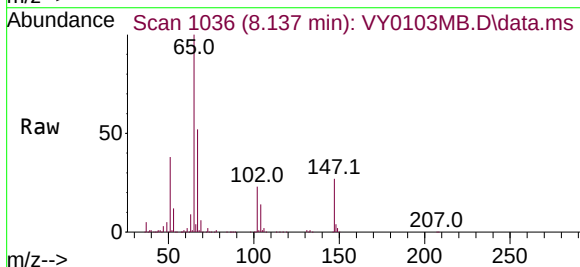


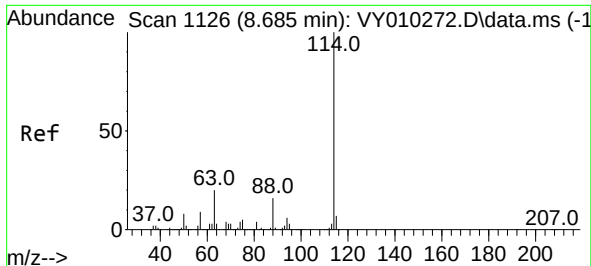
Tgt Ion: 56 Resp: 5948
Ion Ratio Lower Upper
56 100
69 155.3 26.7 40.1#
84 161.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 49.899 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY0103MB.D
Acq: 07 Sep 2022 11:08

Tgt Ion: 65 Resp: 143875
Ion Ratio Lower Upper
65 100
67 52.6 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: VY0103MB.D

Acq: 07 Sep 2022 11:08

Instrument :

MSVOA_Y

ClientSampleId :

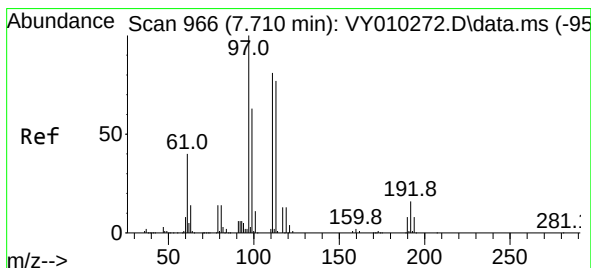
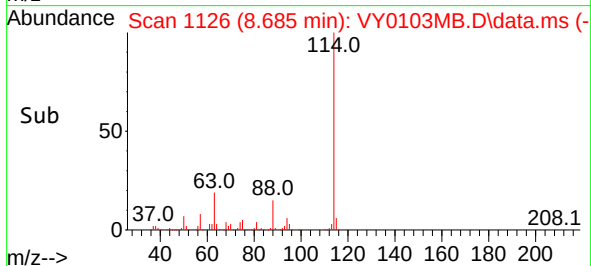
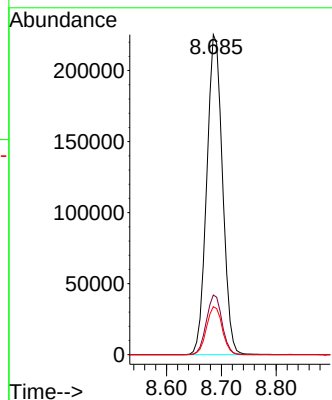
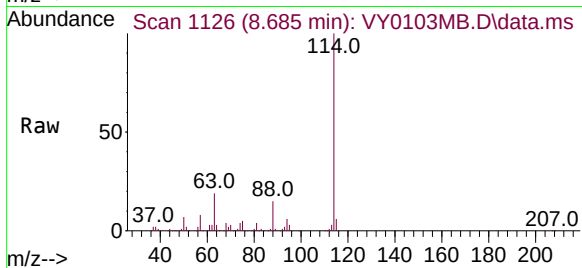
Tgt Ion:114 Resp: 448114

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.605 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY0103MB.D

Acq: 07 Sep 2022 11:08

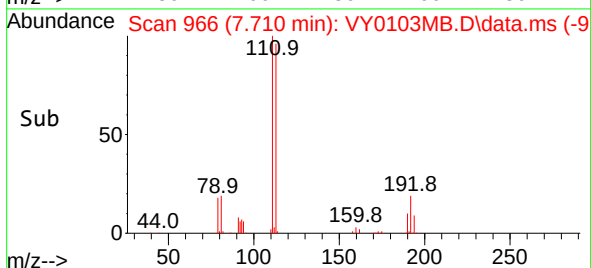
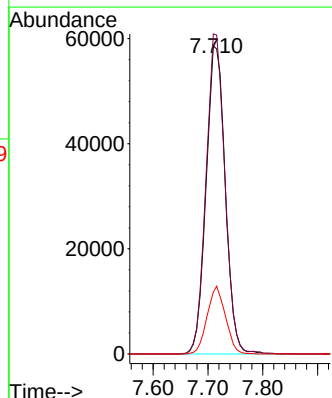
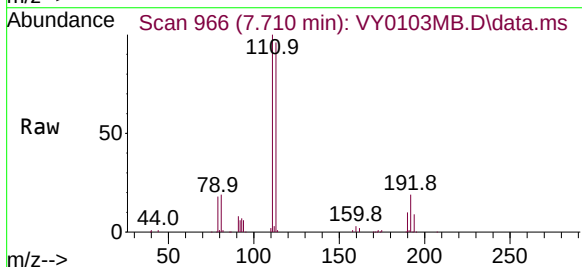
Tgt Ion:113 Resp: 142015

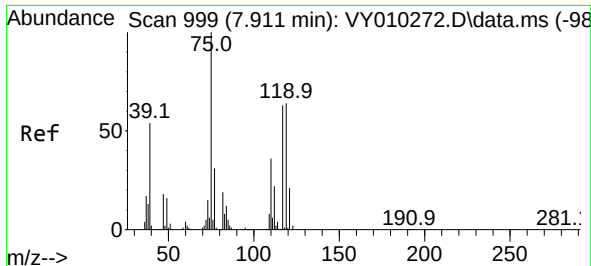
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 21.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.691 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

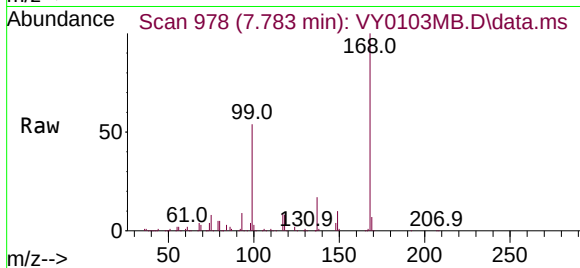
Lab File: VY0103MB.D

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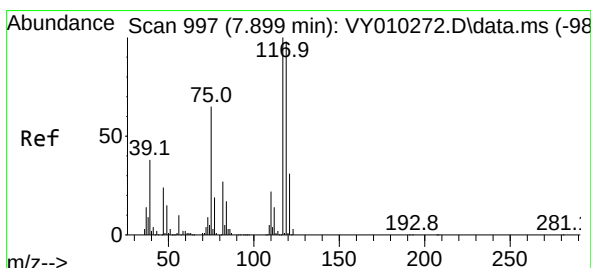
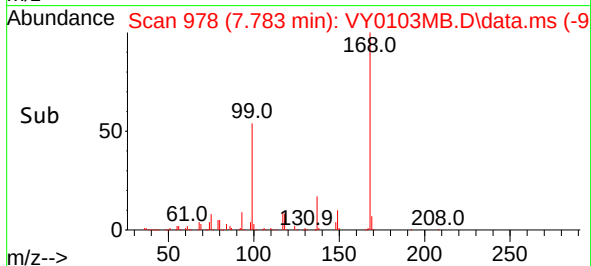
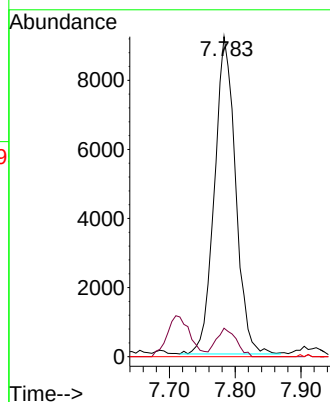
Tgt Ion: 75 Resp: 20533

Ion Ratio Lower Upper

75 100

110 8.4 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.821 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY0103MB.D

Acq: 07 Sep 2022 11:08

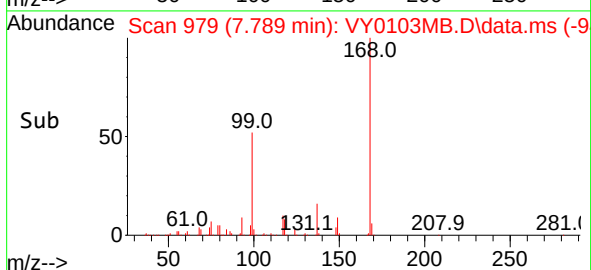
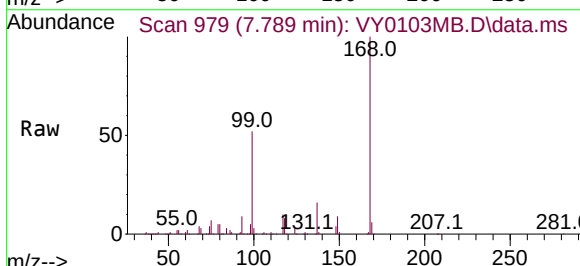
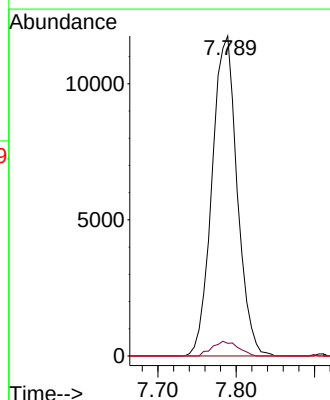
Tgt Ion: 117 Resp: 26258

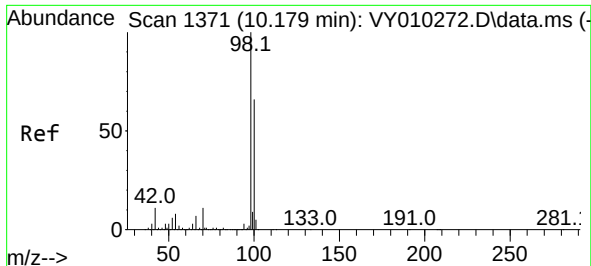
Ion Ratio Lower Upper

117 100

119 4.0 77.9 116.9#

121 0.0 24.8 37.2#

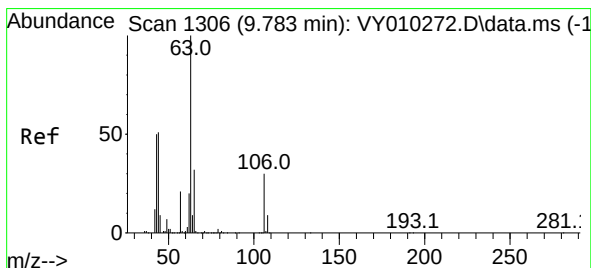
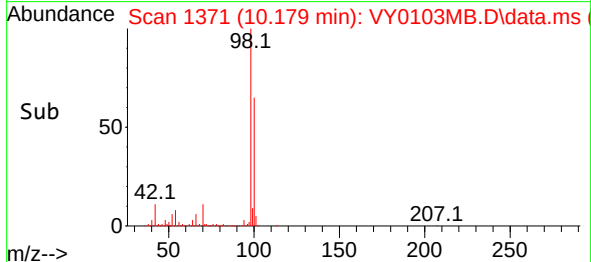
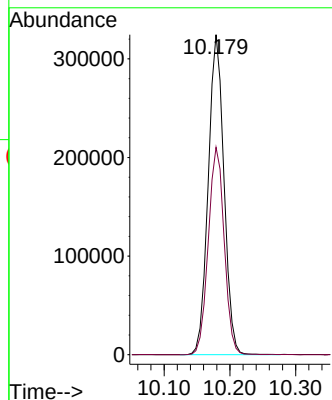
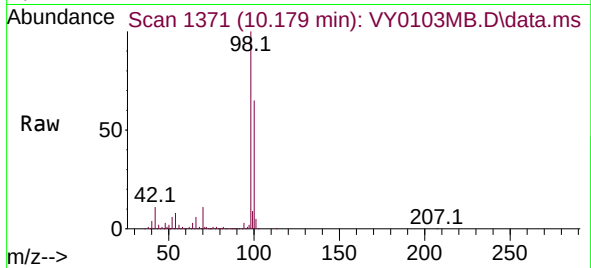




#50
Toluene-d8
Concen: 53.973 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY0103MB.D
Acq: 07 Sep 2022 11:08

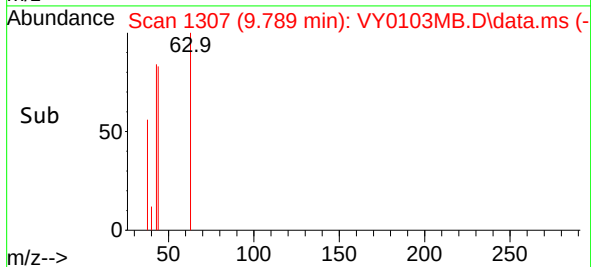
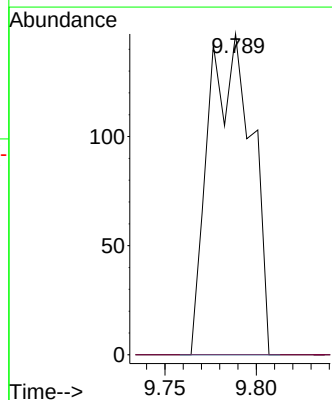
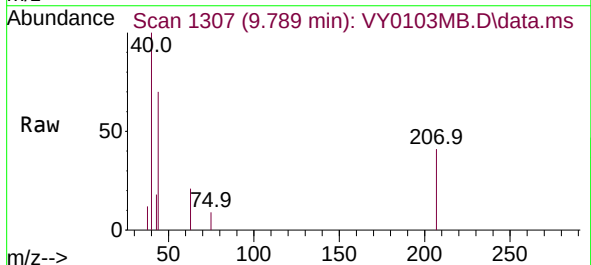
Instrument :
MSVOA_Y
ClientSampleId :

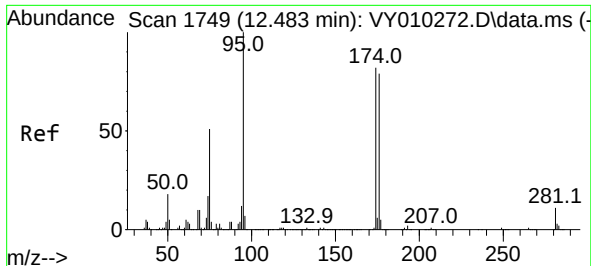
Tgt Ion: 98 Resp: 539070
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.789 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VY0103MB.D
Acq: 07 Sep 2022 11:08

Tgt Ion: 63 Resp: 242
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#





#62

4-Bromofluorobenzene

Concen: 44.087 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY0103MB.D

Acq: 07 Sep 2022 11:08

Instrument :

MSVOA_Y

ClientSampleId :

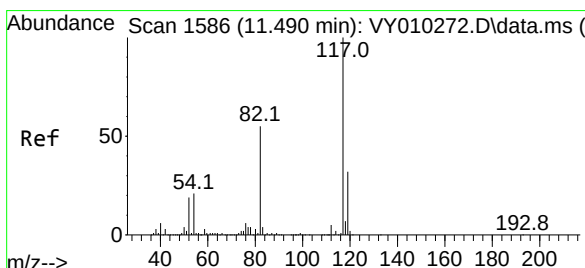
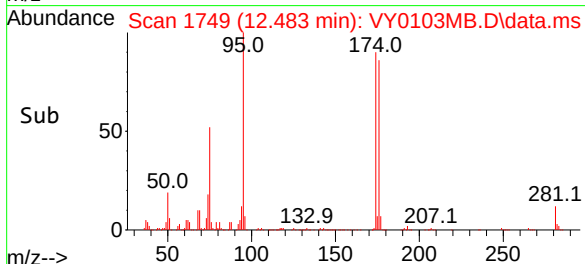
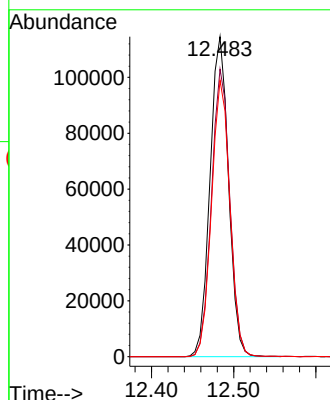
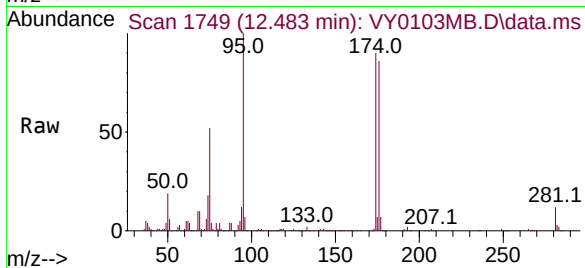
Tgt Ion: 95 Resp: 179329

Ion Ratio Lower Upper

95 100

174 89.3 0.0 177.0

176 85.7 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: VY0103MB.D

Acq: 07 Sep 2022 11:08

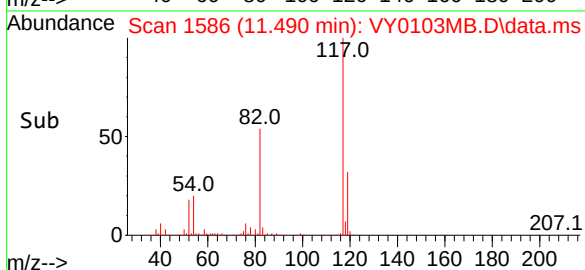
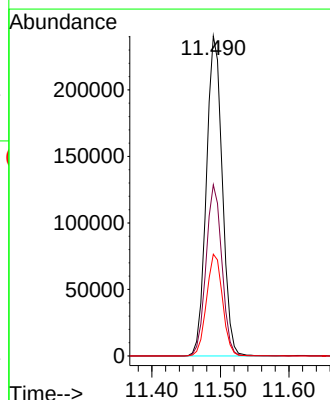
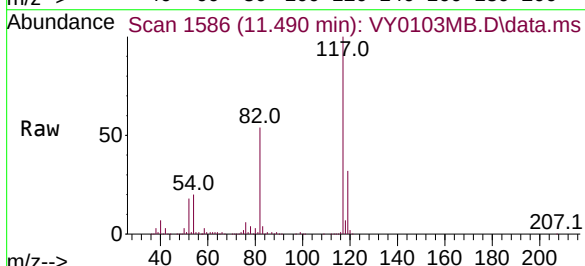
Tgt Ion: 117 Resp: 389257

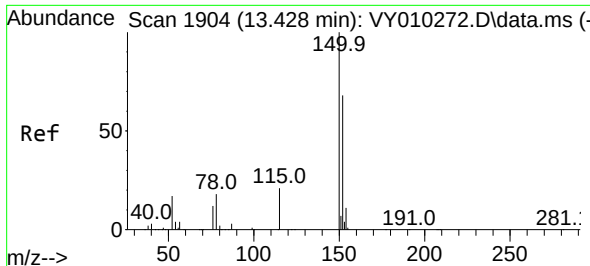
Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.4

119 31.8 25.4 38.0

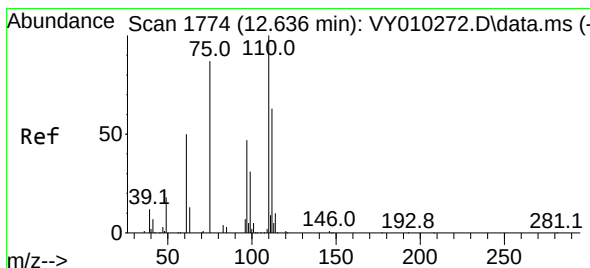
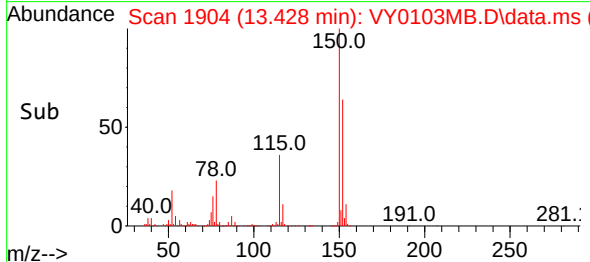
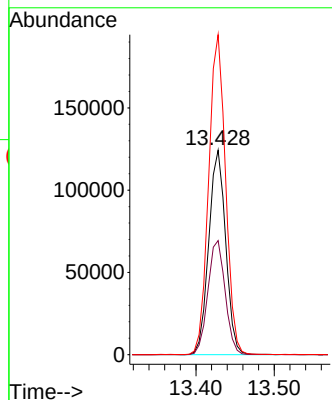
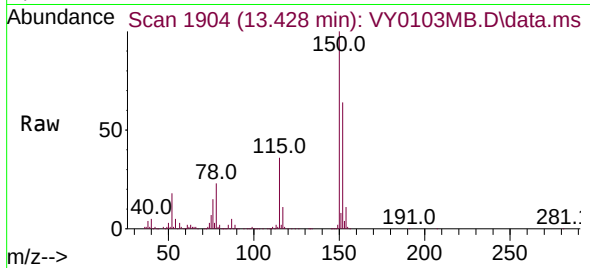




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY0103MB.D
 Acq: 07 Sep 2022 11:08

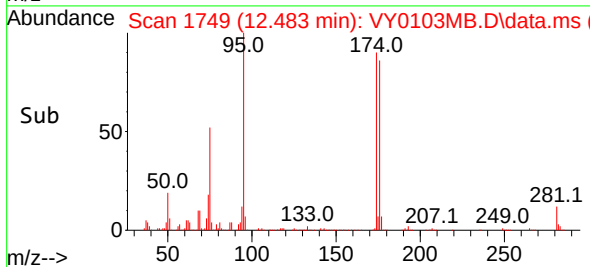
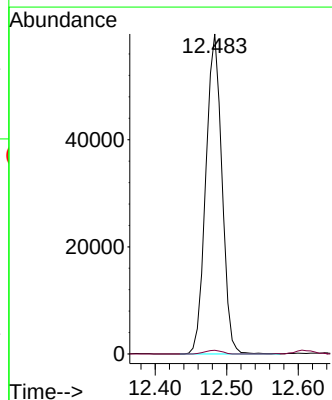
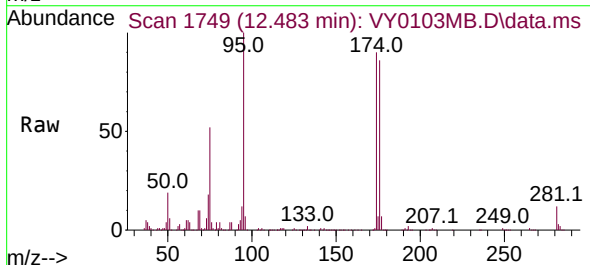
Instrument :
 MSVOA_Y
 ClientSampleId :

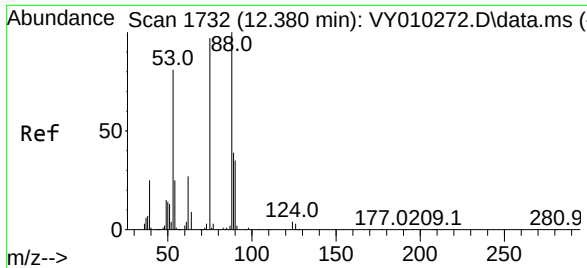
Tgt Ion:152 Resp: 186411
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.2 84.7
 150 155.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 42.098 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY0103MB.D
 Acq: 07 Sep 2022 11:08

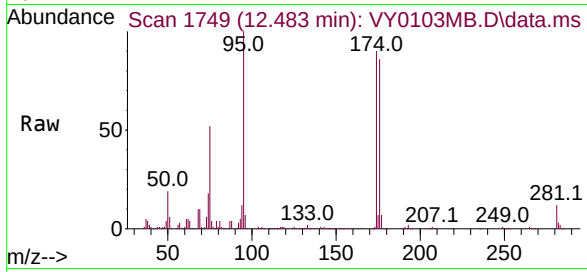
Tgt Ion: 75 Resp: 93390
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.822 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY0103MB.D
 Acq: 07 Sep 2022 11:08

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 93390
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.2 37.0 55.4#

