

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
 Data File : VY005953.D
 Acq On : 07 Sep 2021 18:44
 Operator : SY/MD
 Sample : M3668-03
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 08 02:15:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

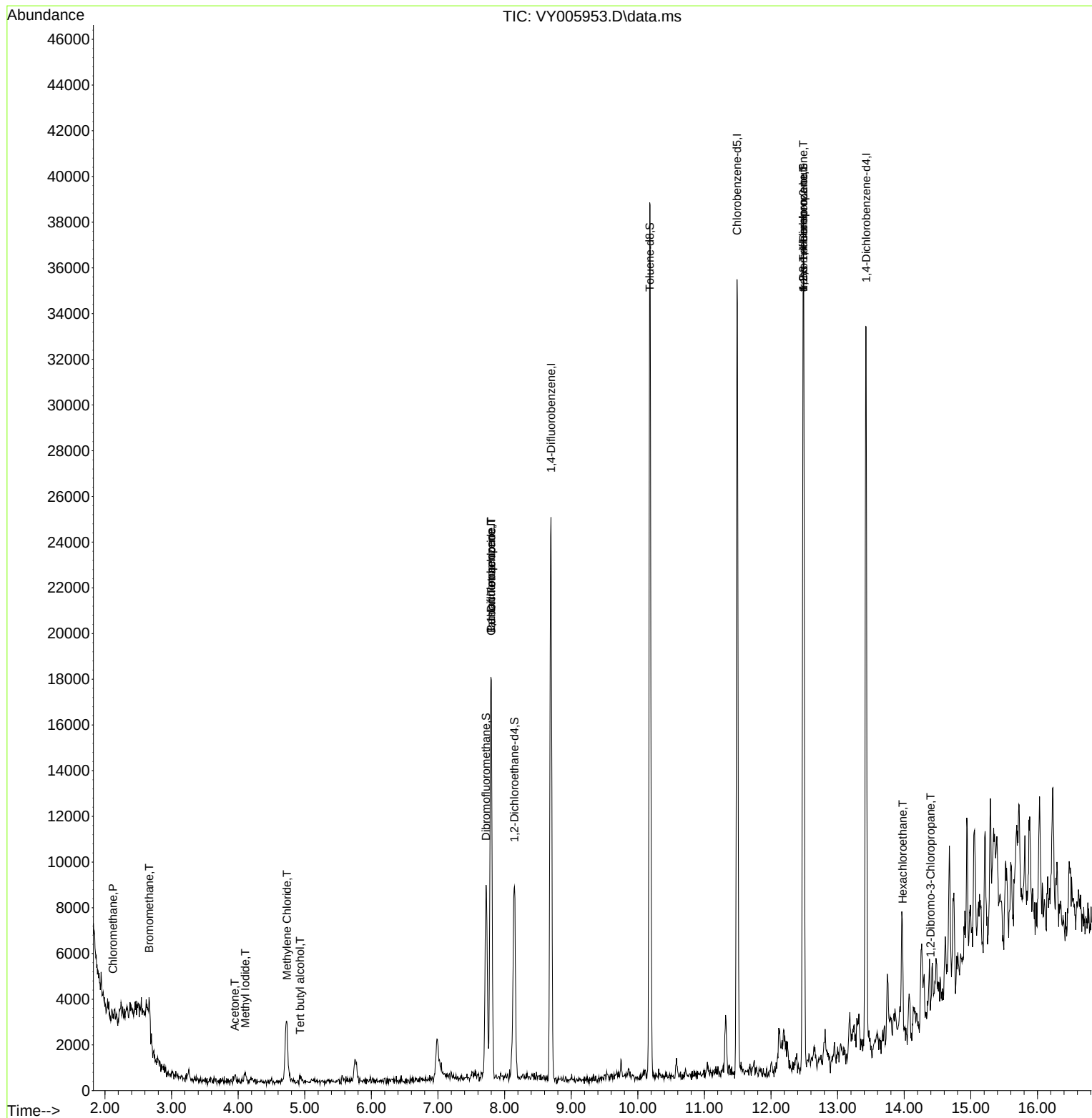
Internal Standards						
1) Pentafluorobenzene	7.795	168	15349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	21761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	19835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	6788	43.885	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.780%		
35) Dibromofluoromethane	7.722	113	5912	48.376	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.760%		
50) Toluene-d8	10.179	98	26429	51.529	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.060%		
62) 4-Bromofluorobenzene	12.483	95	8183	47.515	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.020%		
Target Compounds						Qvalue
3) Chloromethane	2.119	50	166	1.144	ug/l #	42
5) Bromomethane	2.662	94	252	1.980	ug/l	84
10) Methyl Iodide	4.107	142	634	3.888	ug/l #	74
11) Tert butyl alcohol	4.930	59	61	2.006	ug/l #	80
16) Acetone	3.948	43	340	8.621	ug/l #	43
20) Methylene Chloride	4.735	84	2103	9.895	ug/l	89
36) 1,1-Dichloropropene	7.795	75	985	4.808	ug/l #	41
38) Carbon Tetrachloride	7.801	117	1301	5.858	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	4100	50.618	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4100	96.265	ug/l #	13
90) Hexachloroethane	13.977	117	240	2.451	ug/l #	2
92) 1,2-Dibromo-3-Chloropr...	14.398	75	46	2.234	ug/l #	1

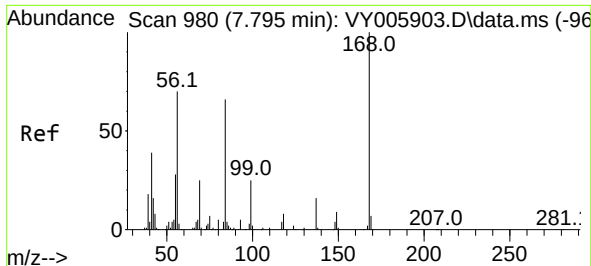
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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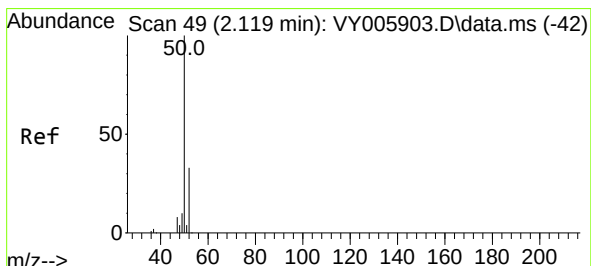
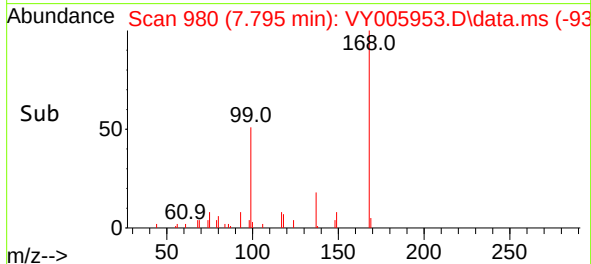
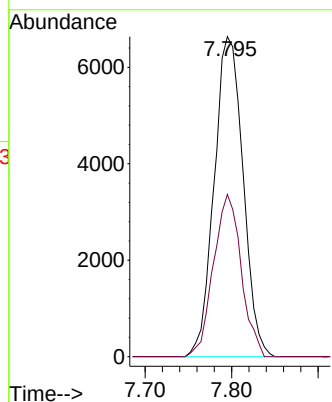
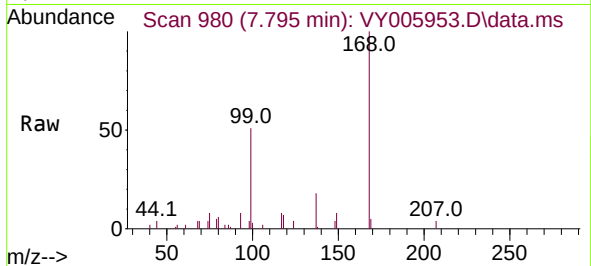




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44

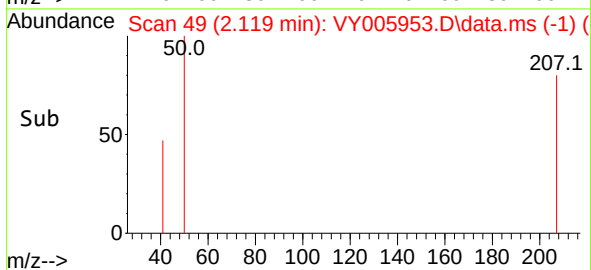
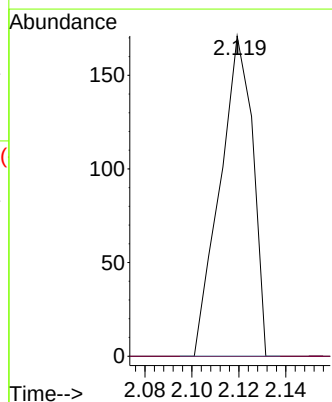
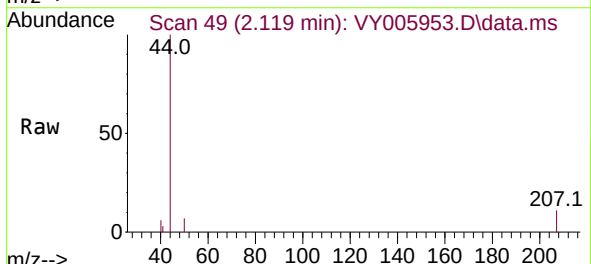
Instrument :
MSVOA_Y
ClientSampleId :

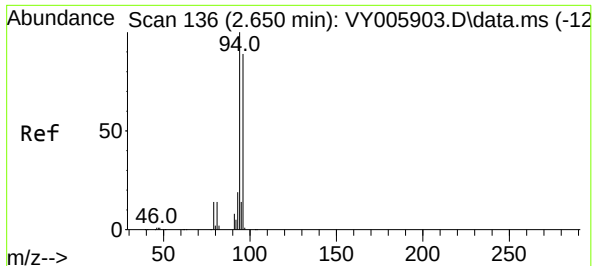
Tgt Ion:168 Resp: 15349
Ion Ratio Lower Upper
168 100
99 50.7 40.6 60.8



#3
Chloromethane
Concen: 1.144 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44

Tgt Ion: 50 Resp: 166
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.4#

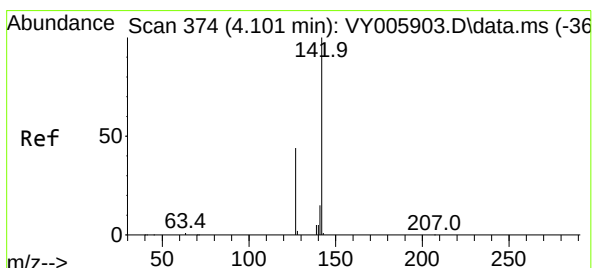
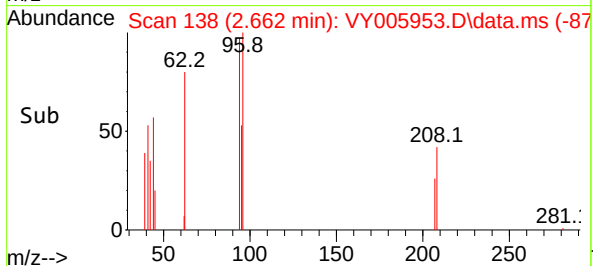
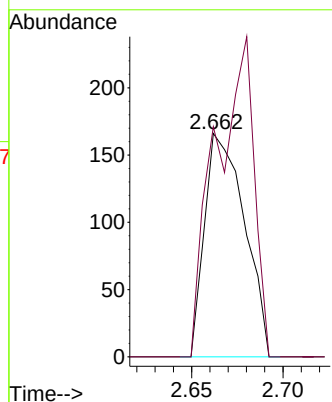
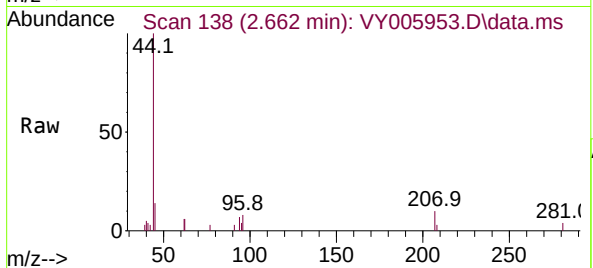




#5
Bromomethane
Concen: 1.980 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44

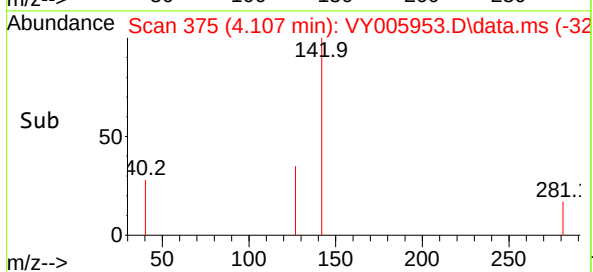
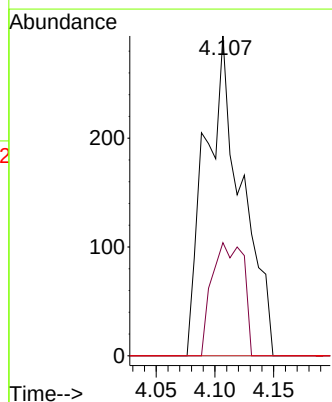
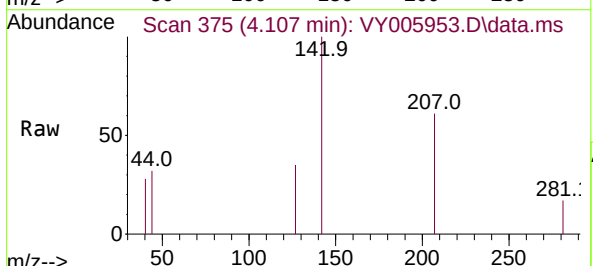
Instrument :
MSVOA_Y
ClientSampleId :

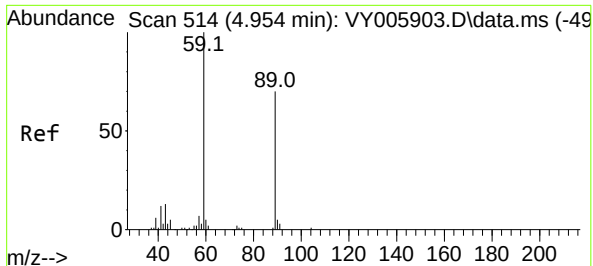
Tgt Ion: 94 Resp: 252
Ion Ratio Lower Upper
94 100
96 103.0 70.8 106.2



#10
Methyl Iodide
Concen: 3.888 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44

Tgt Ion: 142 Resp: 634
Ion Ratio Lower Upper
142 100
127 30.6 36.7 55.1#
141 0.0 11.8 17.8#

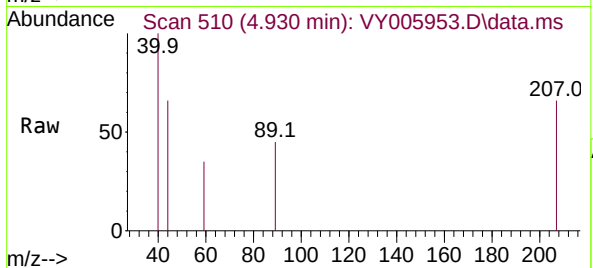




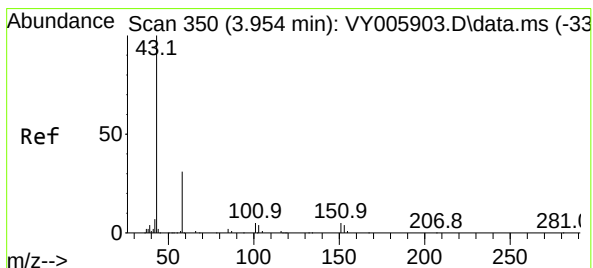
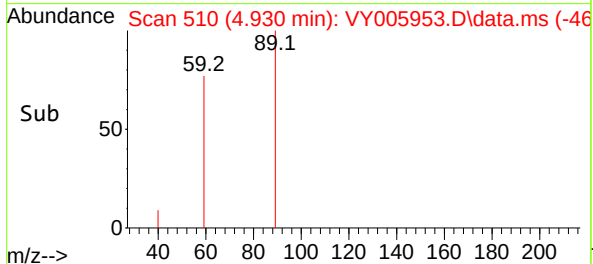
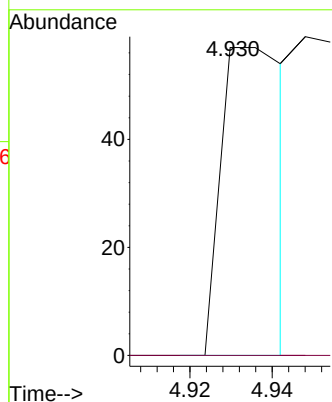
#11

Tert butyl alcohol
Concen: 2.006 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44

Instrument :
MSVOA_Y
ClientSampled :



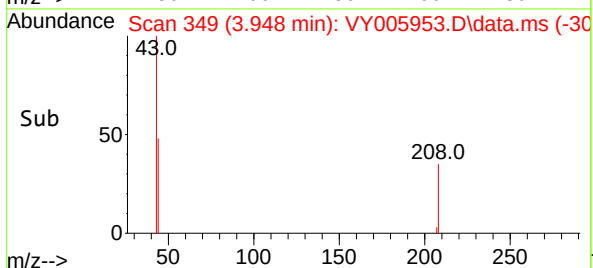
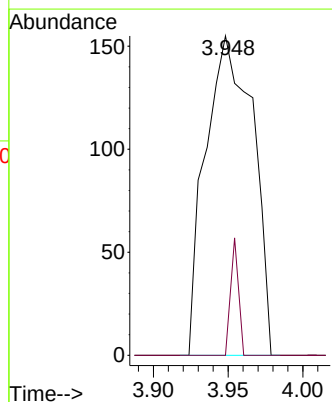
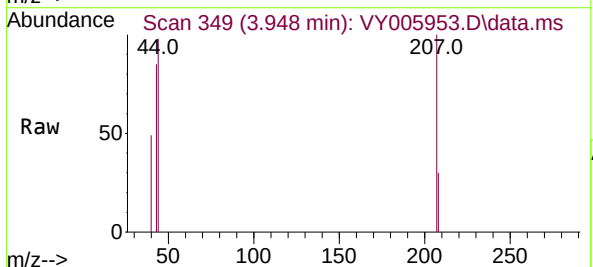
Tgt Ion: 59 Resp: 61
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

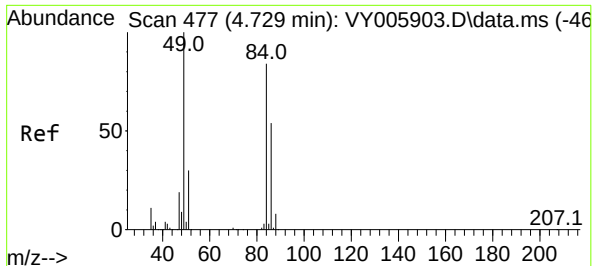


#16

Acetone
Concen: 8.621 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44

Tgt Ion: 43 Resp: 340
Ion Ratio Lower Upper
43 100
58 0.0 25.1 37.7#





#20

Methylene Chloride

Concen: 9.895 ug/l

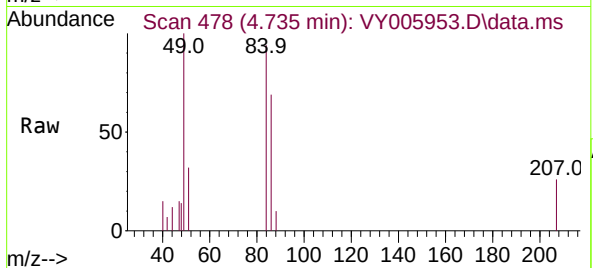
RT: 4.735 min Scan# 478

Delta R.T. 0.006 min

Lab File: VY005953.D

Acq: 07 Sep 2021 18:44

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 2103

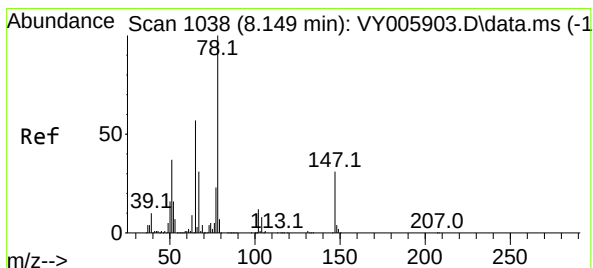
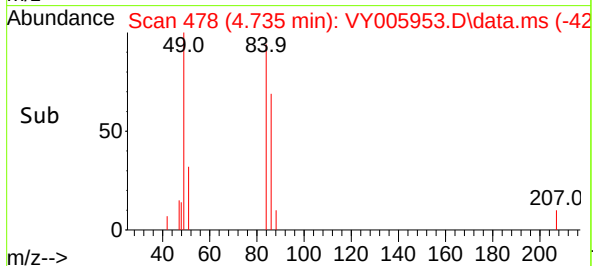
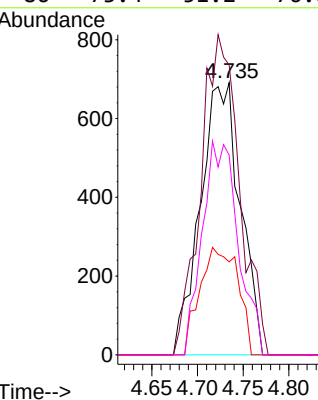
Ion Ratio Lower Upper

84 100

49 106.5 95.7 143.5

51 34.2 29.0 43.6

86 73.4 51.2 76.8



#33

1,2-Dichloroethane-d4

Concen: 43.885 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY005953.D

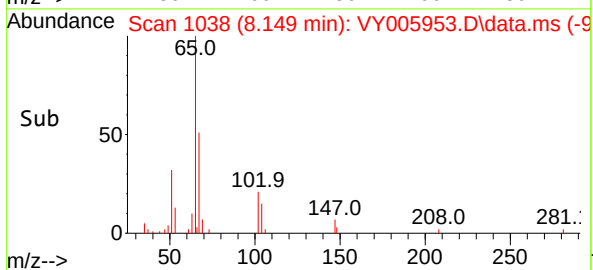
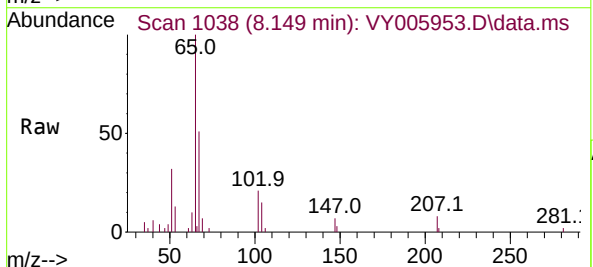
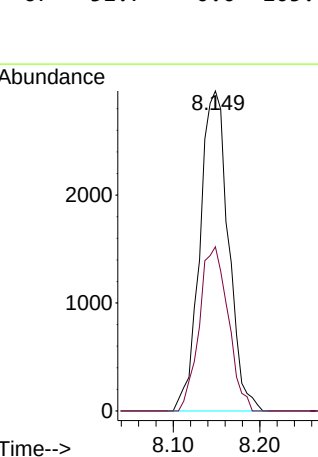
Acq: 07 Sep 2021 18:44

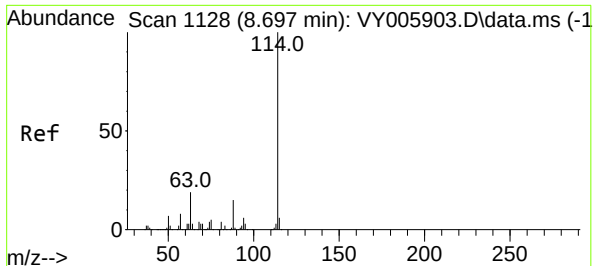
Tgt Ion: 65 Resp: 6788

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

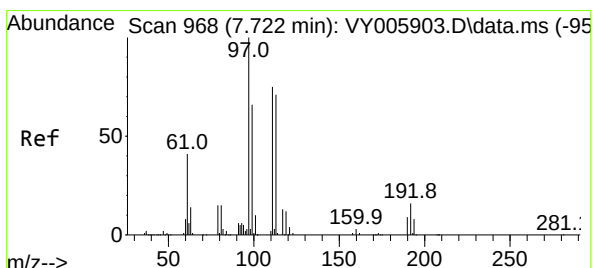
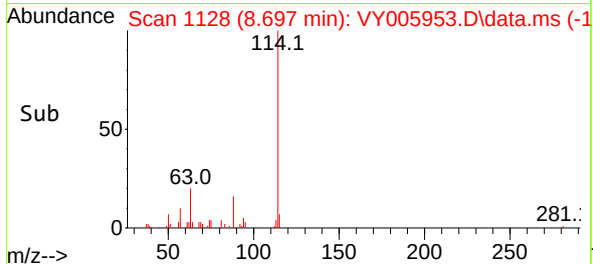
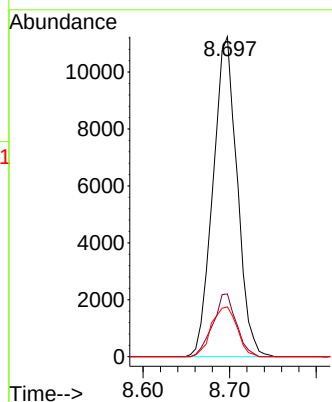
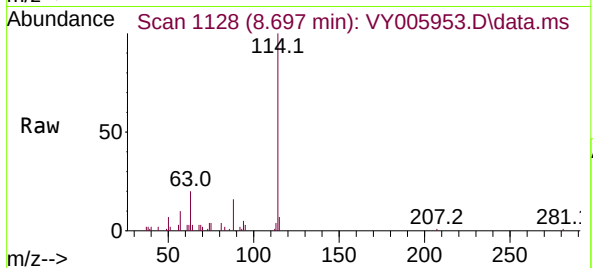
Delta R.T. 0.000 min

Lab File: VY005953.D

Acq: 07 Sep 2021 18:44

Tgt Ion:	114	Resp:	21761
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.4
88	15.6	0.0	30.0

Instrument :
MSVOA_Y
ClientSampleId :



#35

Dibromofluoromethane

Concen: 48.376 ug/l

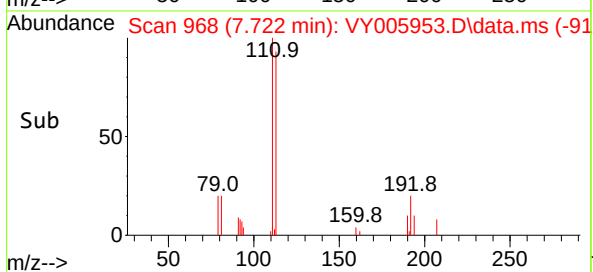
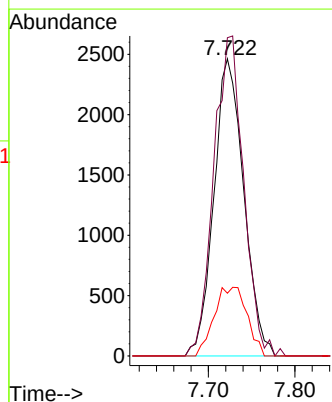
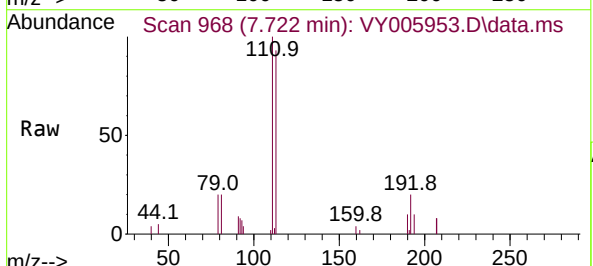
RT: 7.722 min Scan# 968

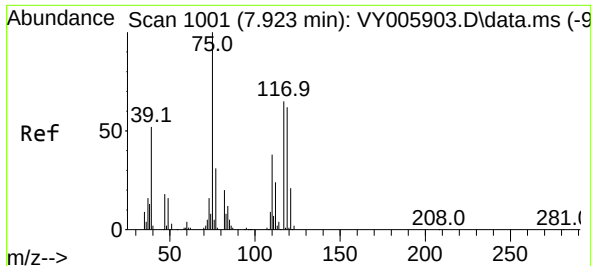
Delta R.T. 0.000 min

Lab File: VY005953.D

Acq: 07 Sep 2021 18:44

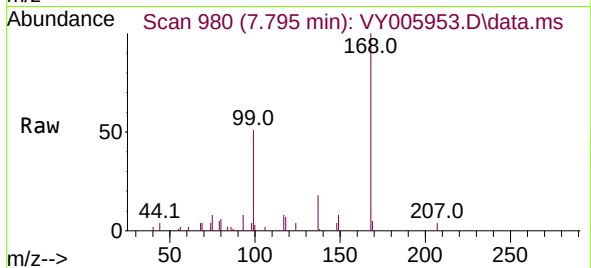
Tgt Ion:	113	Resp:	5912
Ion	Ratio	Lower	Upper
113	100		
111	107.5	81.9	122.9
192	25.4	19.4	29.0





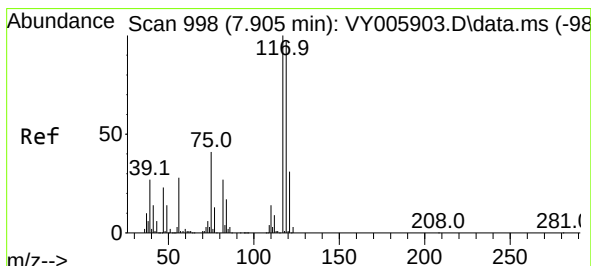
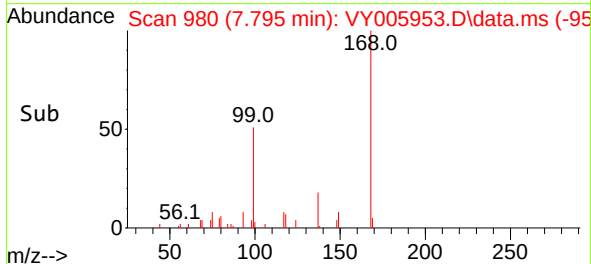
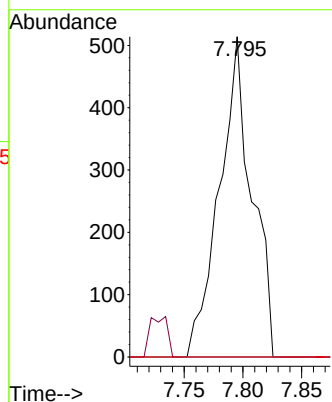
#36
 1,1-Dichloropropene
 Concen: 4.808 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005953.D
 Acq: 07 Sep 2021 18:44

Instrument :
 MSVOA_Y
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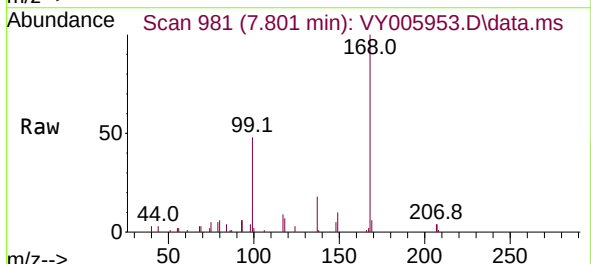


Tgt Ion: 75 Resp: 985

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.3#
77	0.0	24.9	37.3#

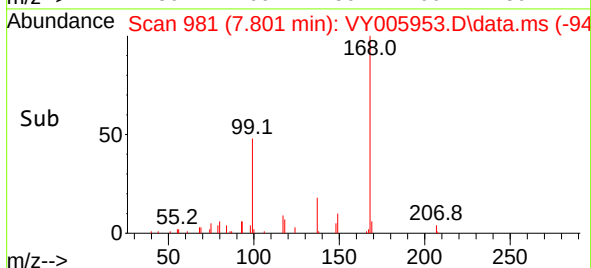
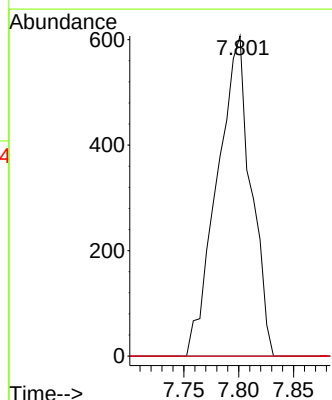


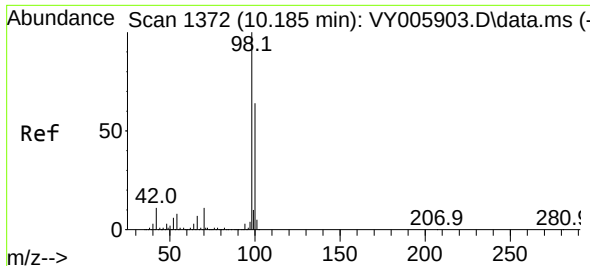
#38
 Carbon Tetrachloride
 Concen: 5.858 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.104 min
 Lab File: VY005953.D
 Acq: 07 Sep 2021 18:44



Tgt Ion: 117 Resp: 1301

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.5	116.3#
121	0.0	25.0	37.6#

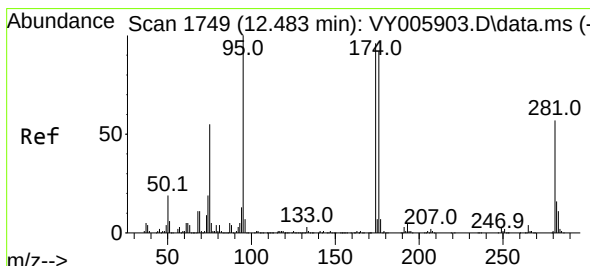
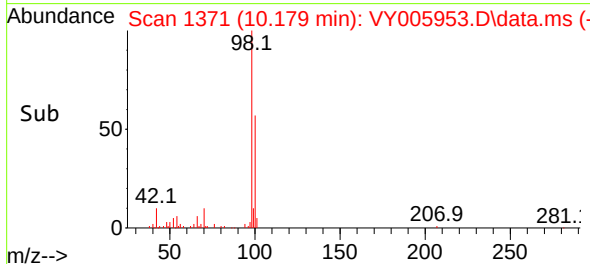
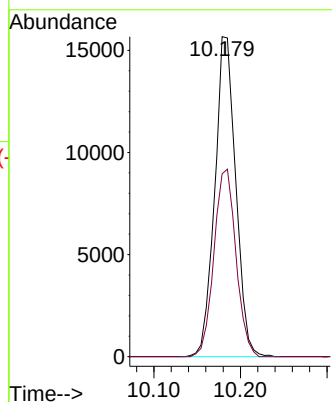
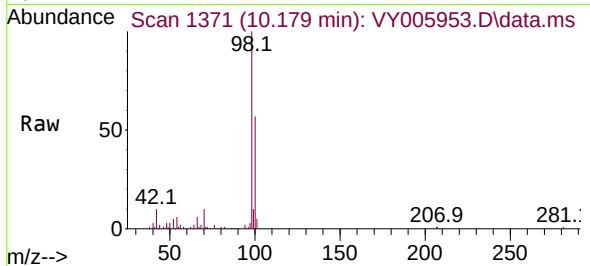




#50
Toluene-d8
Concen: 51.529 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44

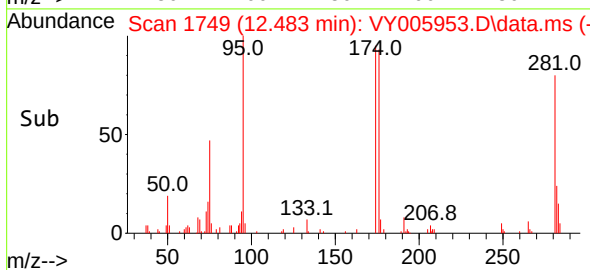
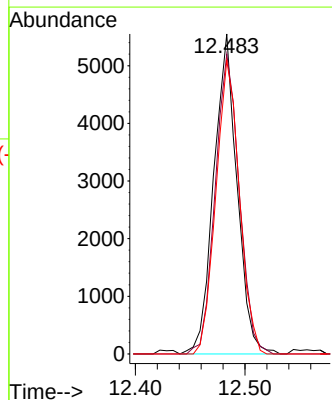
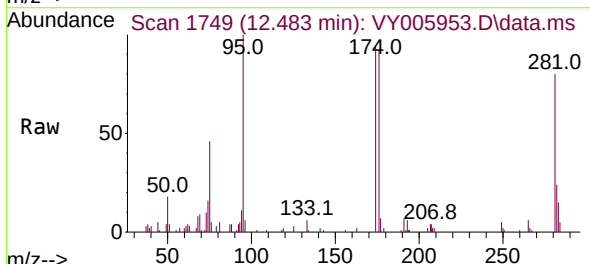
Instrument :
MSVOA_Y
ClientSampled :

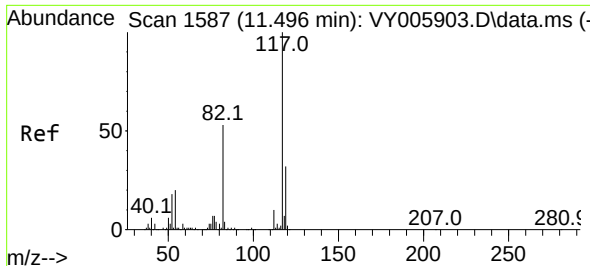
Tgt Ion: 98 Resp: 26429
Ion Ratio Lower Upper
98 100
100 61.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.515 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44

Tgt Ion: 95 Resp: 8183
Ion Ratio Lower Upper
95 100
174 96.9 0.0 192.4
176 92.6 0.0 186.8

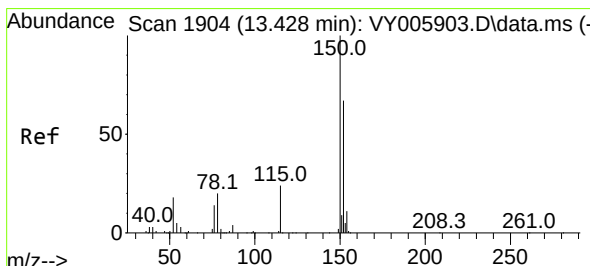
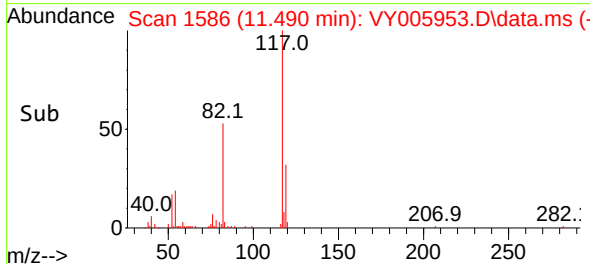
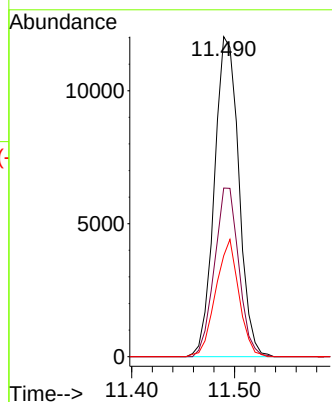
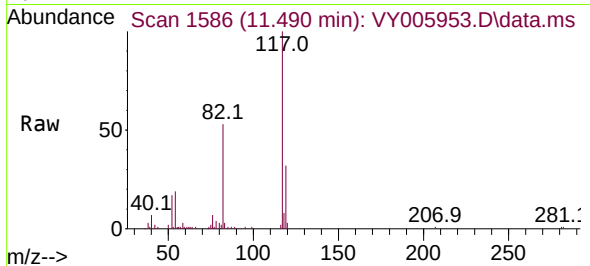




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44

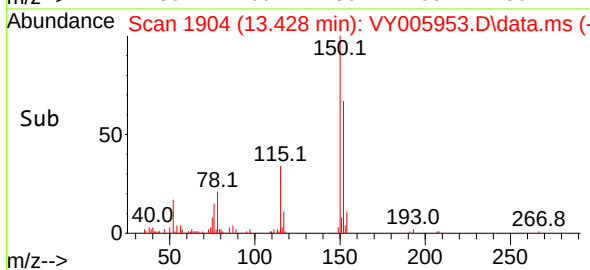
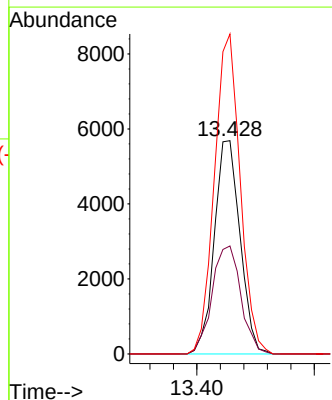
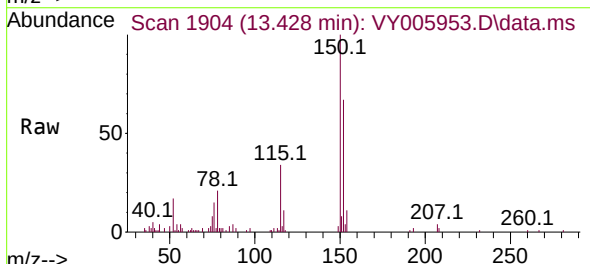
Instrument :
MSVOA_Y
ClientSampled :

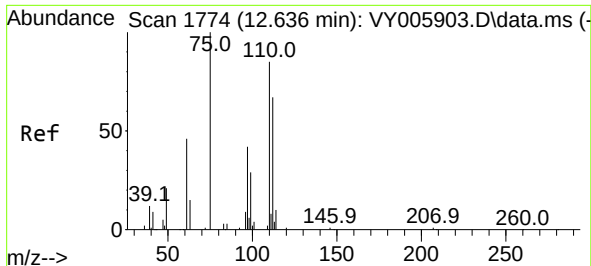
Tgt Ion:	117	Resp:	19835
Ion Ratio	Lower	Upper	
117	100		
82	52.7	42.4	63.6
119	31.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44

Tgt Ion:	152	Resp:	8654
Ion Ratio	Lower	Upper	
152	100		
115	56.6	26.8	80.4
150	150.2	0.0	345.6

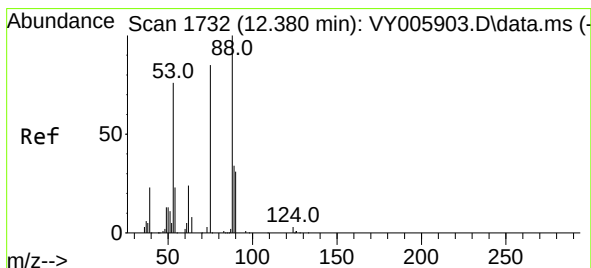
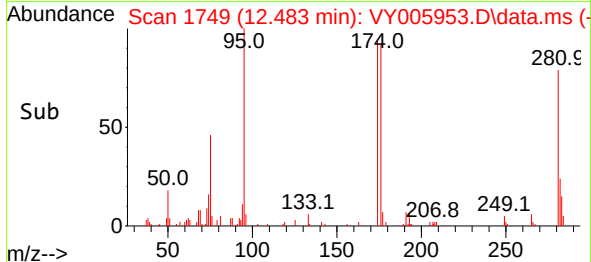
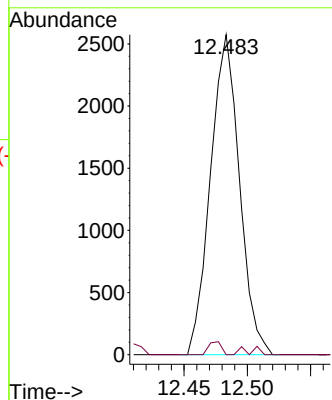
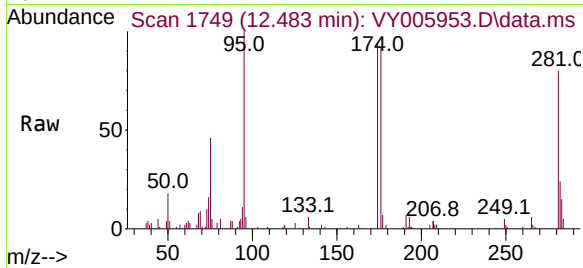




#76
1,2,3-Trichloropropane
Concen: 50.618 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44

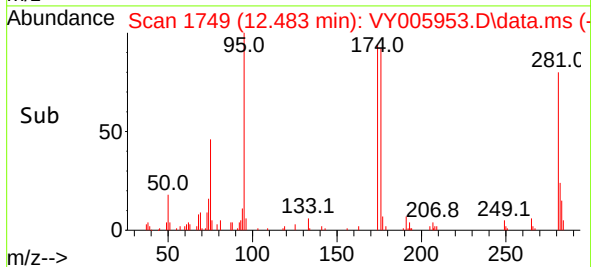
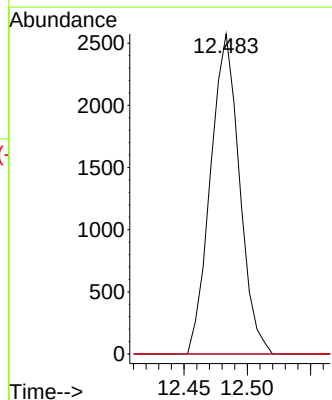
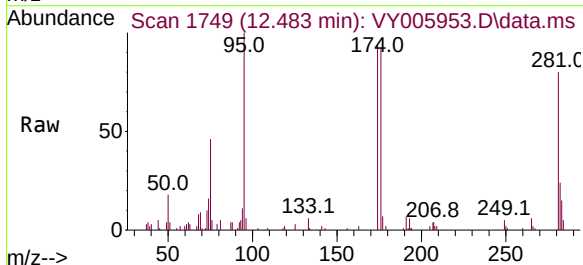
Instrument :
MSVOA_Y
ClientSampled :

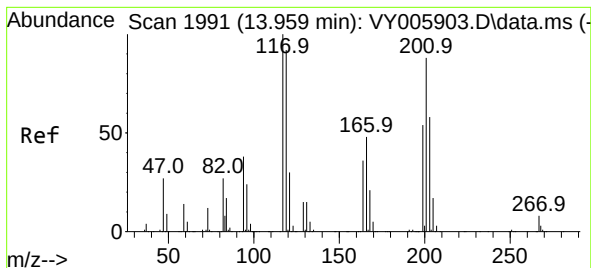
Tgt Ion: 75 Resp: 4100
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.265 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44

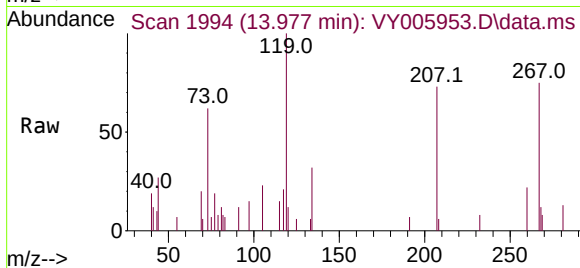
Tgt Ion: 75 Resp: 4100
Ion Ratio Lower Upper
75 100
53 0.0 71.8 107.8#
89 0.0 35.8 53.6#



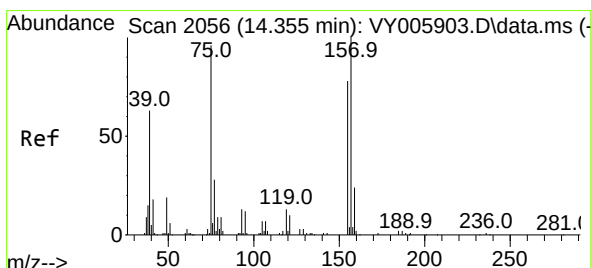
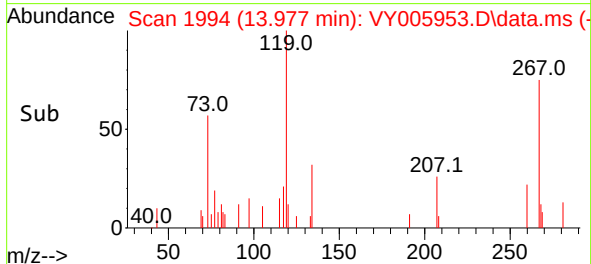
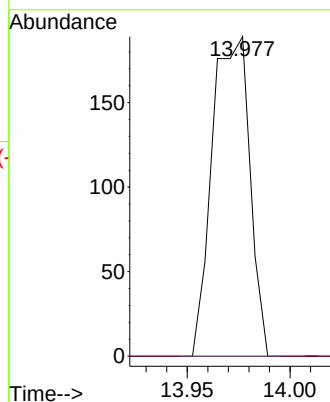


#90
Hexachloroethane
Concen: 2.451 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.018 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44

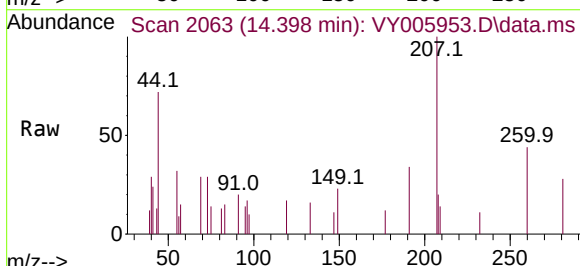
Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion:117 Resp: 240
Ion Ratio Lower Upper
117 100
201 0.0 47.2 141.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.234 ug/l
RT: 14.398 min Scan# 2063
Delta R.T. 0.043 min
Lab File: VY005953.D
Acq: 07 Sep 2021 18:44



Tgt Ion: 75 Resp: 46
Ion Ratio Lower Upper
75 100
155 0.0 43.1 129.3#
157 0.0 54.4 163.3#

