

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008783.D
 Acq On : 17 May 2022 19:54
 Operator : KP/MD
 Sample : N2897-01
 Misc : 5.100g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 07:57:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

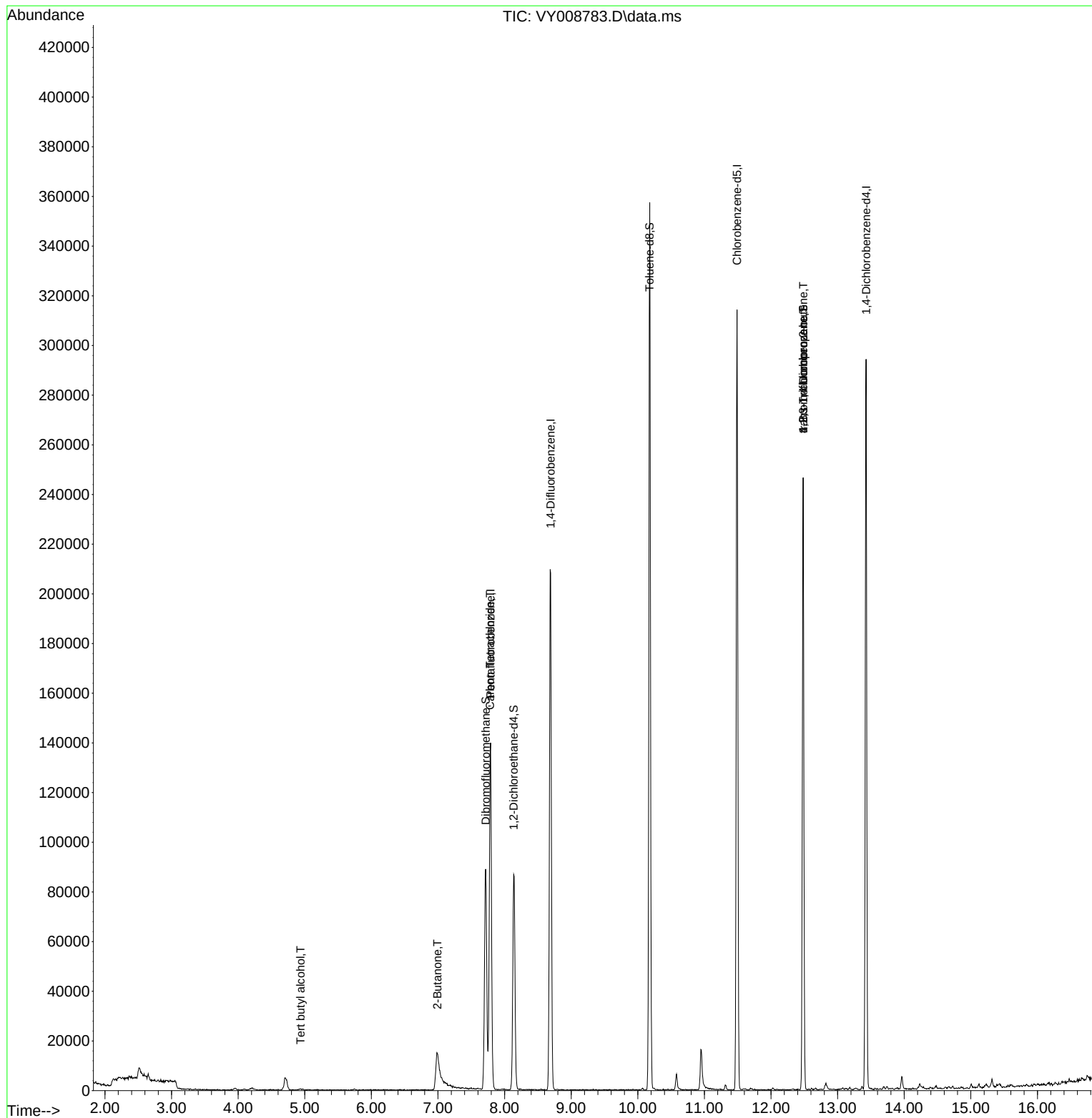
Internal Standards						
1) Pentafluorobenzene	7.789	168	106904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	182626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	169763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66793	67.348	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.700%
35) Dibromofluoromethane	7.716	113	61138	57.297	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.600%
50) Toluene-d8	10.179	98	224347	47.472	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.940%
62) 4-Bromofluorobenzene	12.483	95	66165	39.851	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.700%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	87	Below Cal	#	43
3) Chloromethane	2.107	50	371	Below Cal		98
4) Vinyl Chloride	2.253	62	256	Below Cal	#	43
5) Bromomethane	2.662	94	536	Below Cal	#	62
6) Chloroethane	2.802	64	29	Below Cal	#	43
7) Trichlorofluoromethane	3.131	101	76	Below Cal	#	56
11) Tert butyl alcohol	4.936	59	140	1.277 ug/l	#	77
16) Acetone	3.948	43	1116	Below Cal		100
17) Carbon Disulfide	4.198	76	106	Below Cal	#	75
18) Methyl Acetate	4.491	43	147	Below Cal	#	56
20) Methylene Chloride	4.698	84	3798	Below Cal	#	72
25) 2-Butanone	6.990	43	1265	3.039 ug/l	#	54
31) Cyclohexane	7.783	56	2405	Below Cal	#	1
38) Carbon Tetrachloride	7.783	117	10736	5.862 ug/l	#	16
76) 1,2,3-Trichloropropane	12.483	75	36989	43.119 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36989	94.314 ug/l	#	7

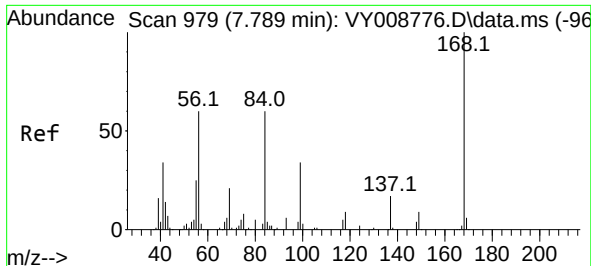
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
Data File : VY008783.D
Acq On : 17 May 2022 19:54
Operator : KP/MD
Sample : N2897-01
Misc : 5.100g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

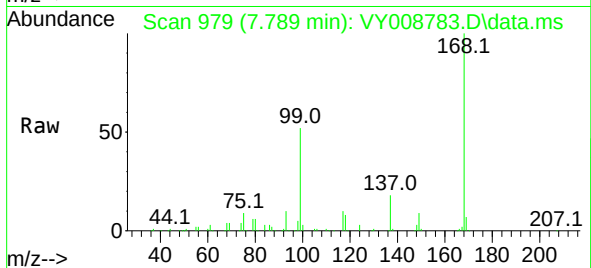
Quant Time: May 18 07:57:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
Response via : Initial Calibration



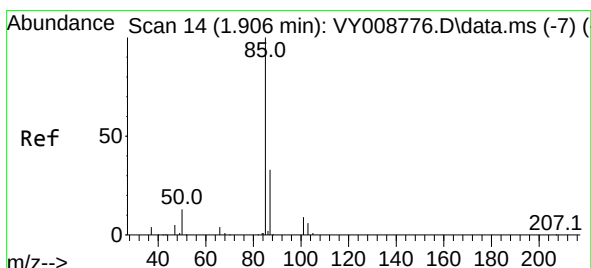
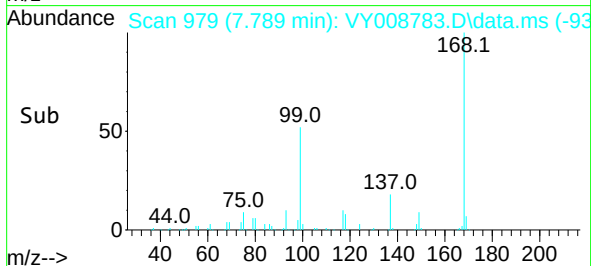
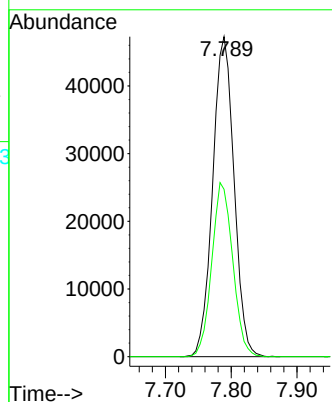


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008783.D
Acq: 17 May 2022 19:54

Instrument :
MSVOA_Y
ClientSampleId :

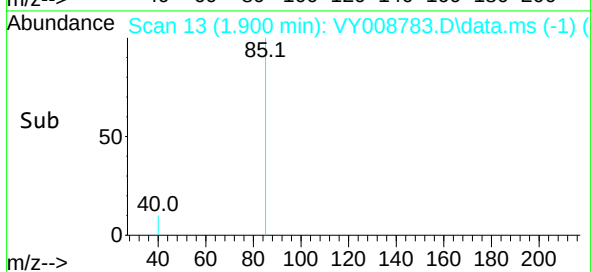
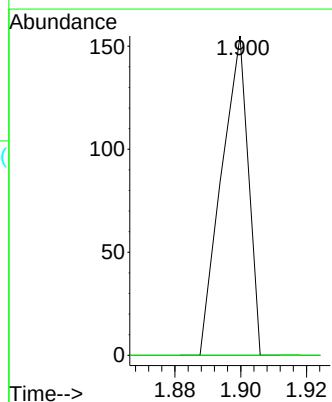
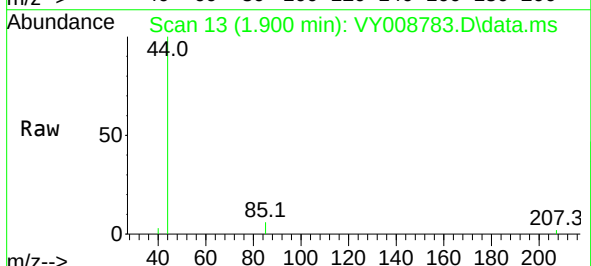


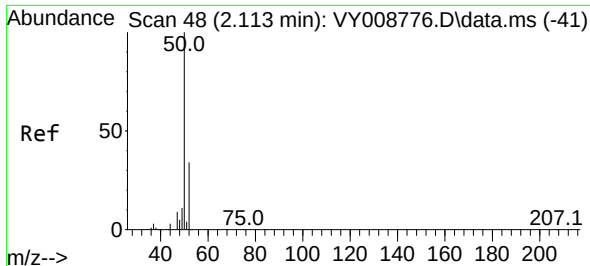
Tgt Ion:168 Resp: 106904
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY008783.D
Acq: 17 May 2022 19:54

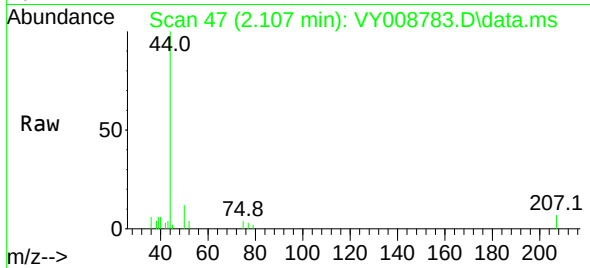
Tgt Ion: 85 Resp: 87
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



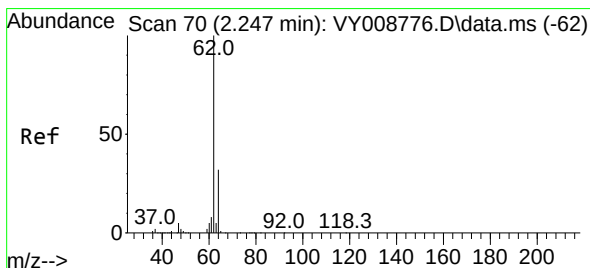
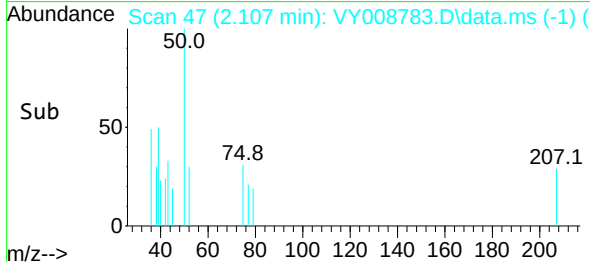
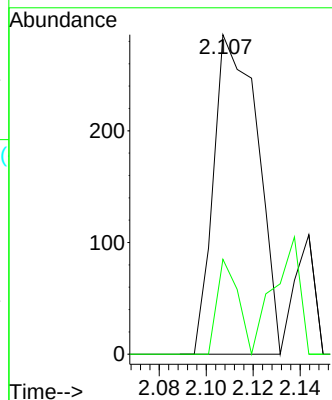


#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008783.D
Acq: 17 May 2022 19:54

Instrument :
MSVOA_Y
ClientSampleId :

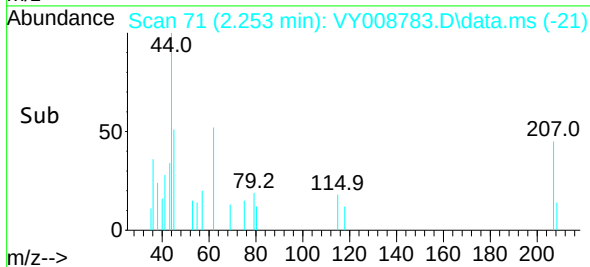
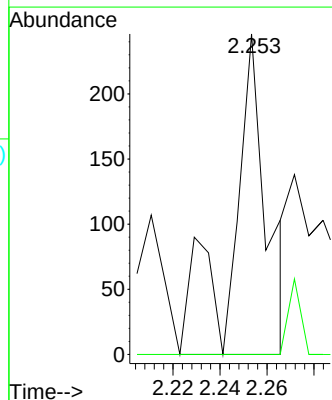
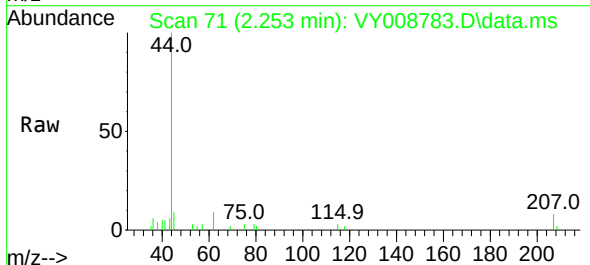


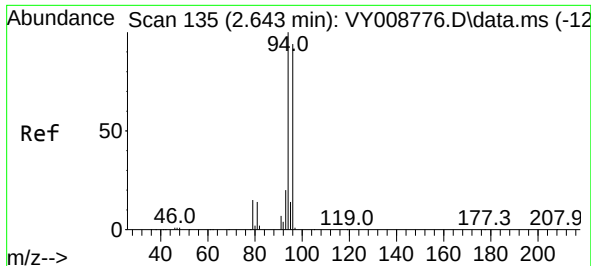
Tgt Ion: 50 Resp: 371
Ion Ratio Lower Upper
50 100
52 29.7 24.6 37.0



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY008783.D
Acq: 17 May 2022 19:54

Tgt Ion: 62 Resp: 256
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

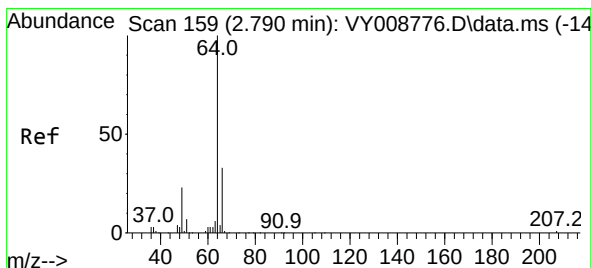
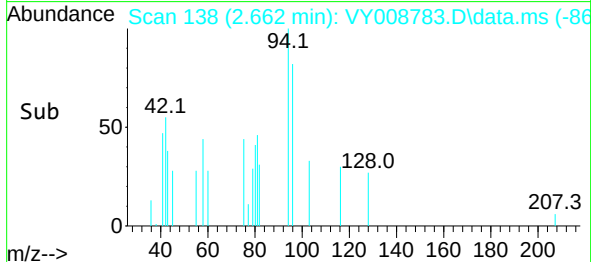
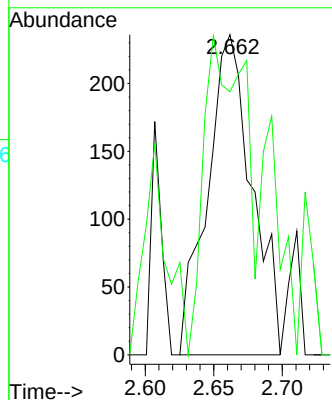
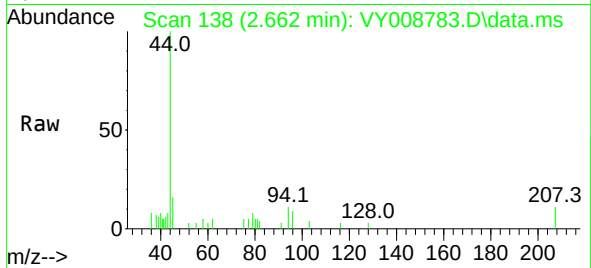




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008783.D
Acq: 17 May 2022 19:54

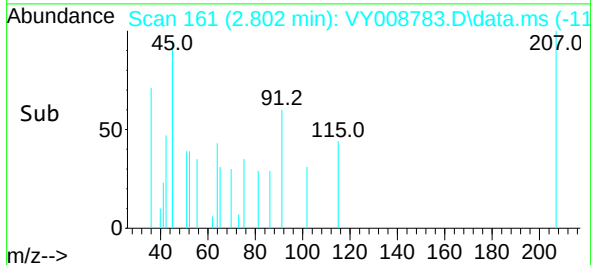
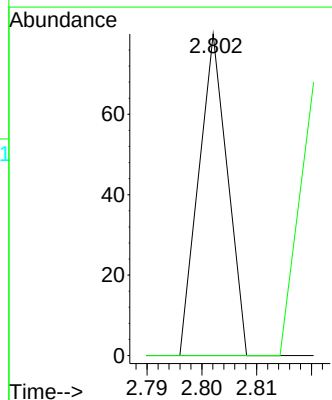
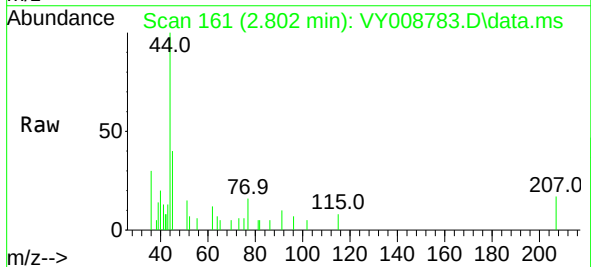
Instrument :
MSVOA_Y
ClientSampleId :

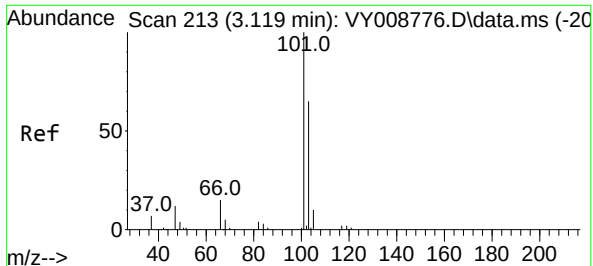
Tgt Ion: 94 Resp: 536
Ion Ratio Lower Upper
94 100
96 55.5 73.5 110.3#



#6
Chloroethane
Concen: Below Cal
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY008783.D
Acq: 17 May 2022 19:54

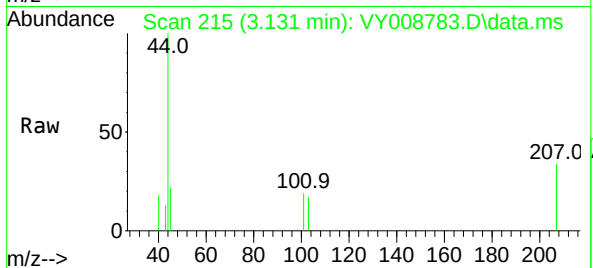
Tgt Ion: 64 Resp: 29
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



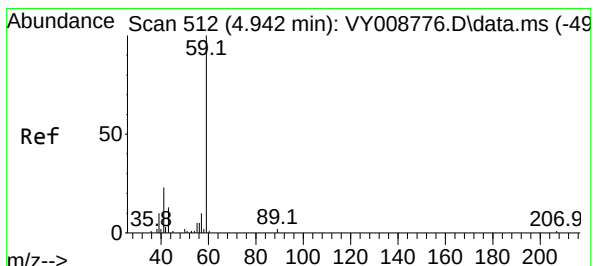
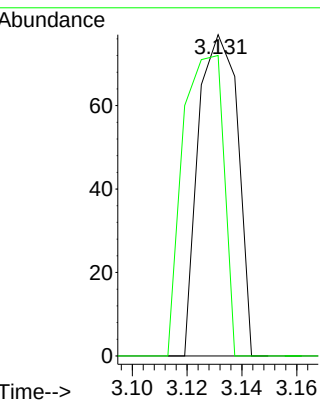
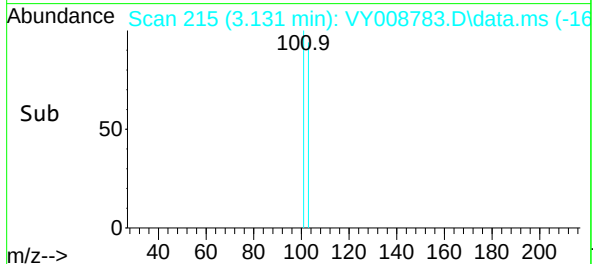


#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.131 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY008783.D
Acq: 17 May 2022 19:54

Instrument :
MSVOA_Y
ClientSampleId :

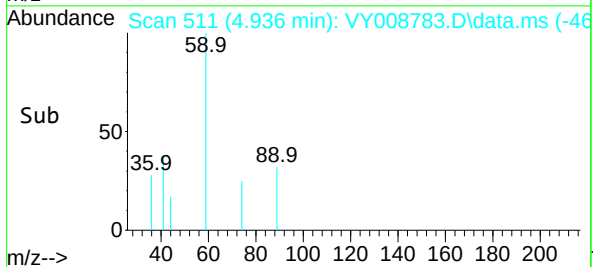
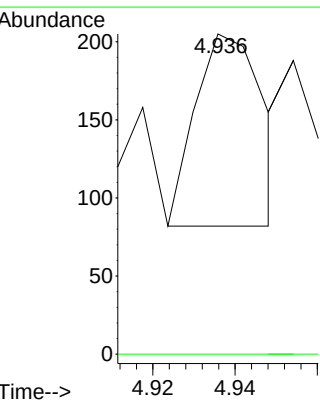
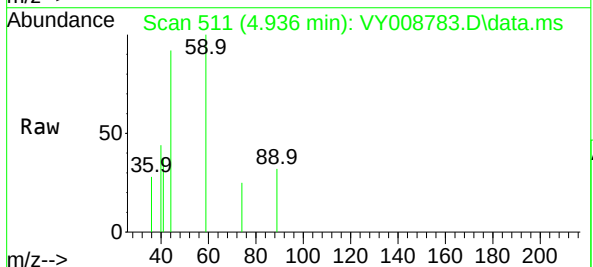


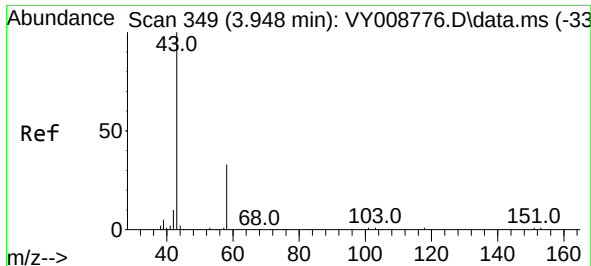
Tgt Ion:101 Resp: 76
Ion Ratio Lower Upper
101 100
103 93.5 48.0 72.0#



#11
Tert butyl alcohol
Concen: 1.277 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY008783.D
Acq: 17 May 2022 19:54

Tgt Ion: 59 Resp: 140
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

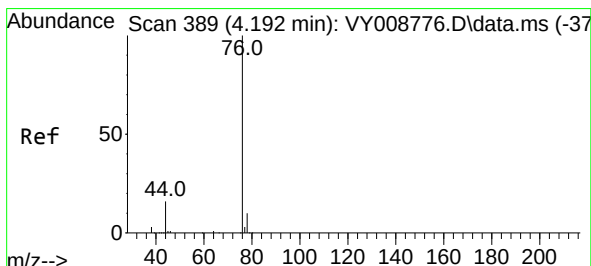
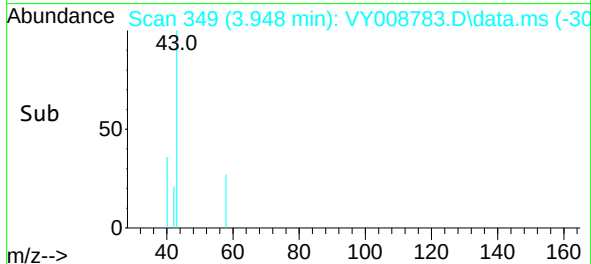
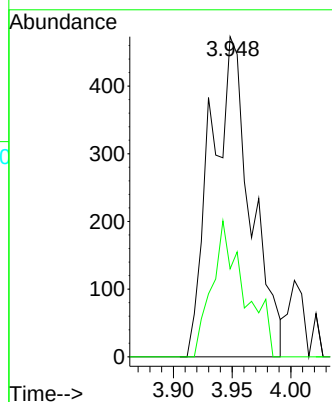
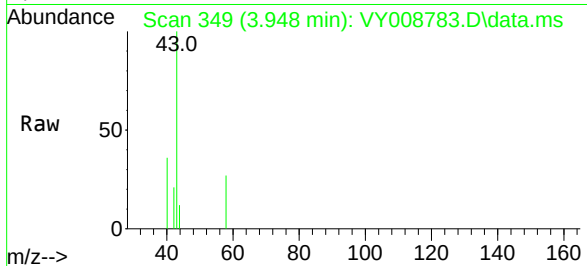




#16
Acetone
Concen: Below Cal
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008783.D
Acq: 17 May 2022 19:54

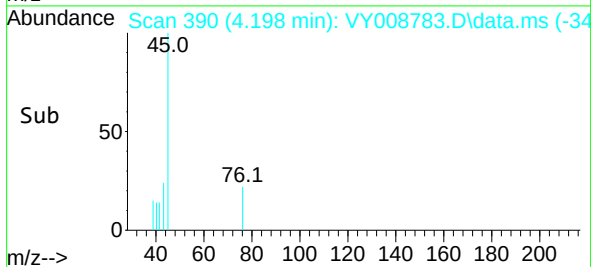
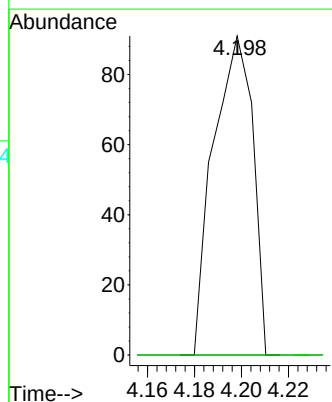
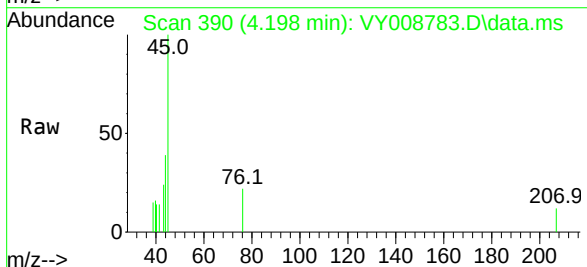
Instrument :
MSVOA_Y
ClientSampleId :

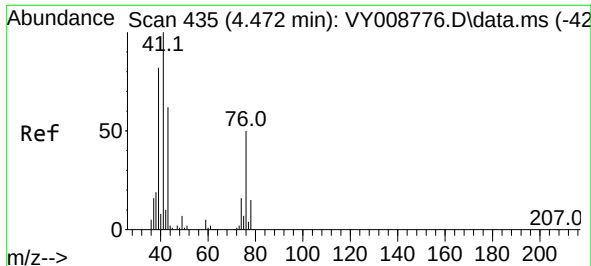
Tgt Ion: 43 Resp: 1116
Ion Ratio Lower Upper
43 100
58 27.5 22.0 33.0



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY008783.D
Acq: 17 May 2022 19:54

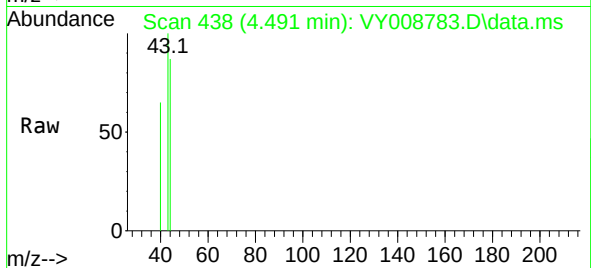
Tgt Ion: 76 Resp: 106
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



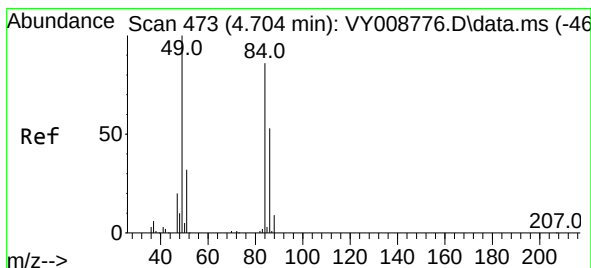
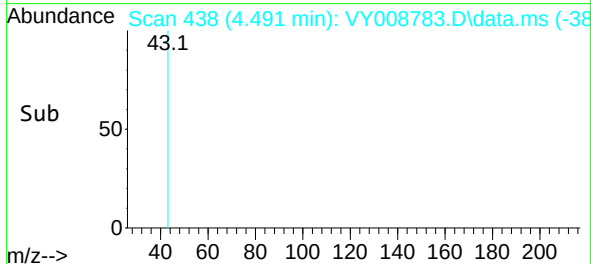
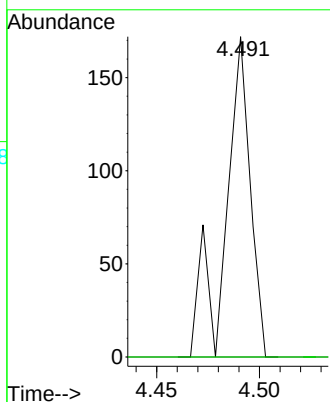


#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY008783.D
Acq: 17 May 2022 19:54

Instrument :
MSVOA_Y
ClientSampleId :

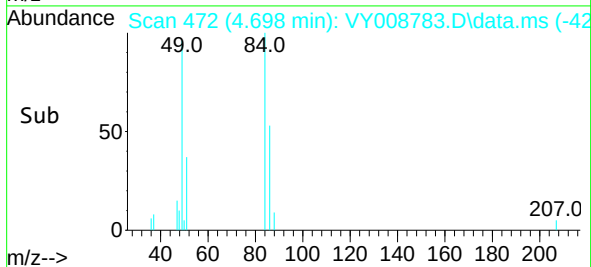
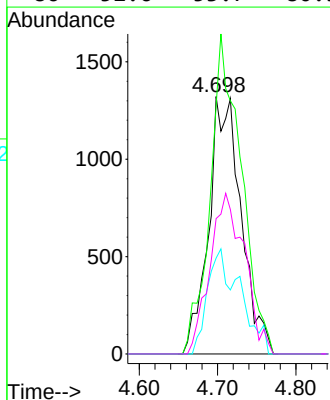
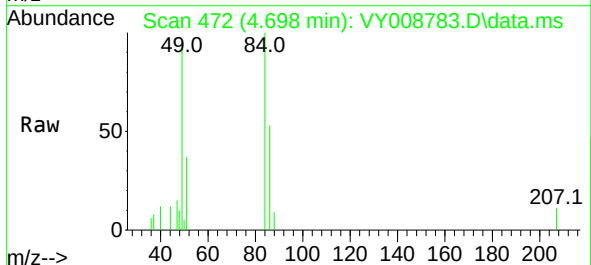


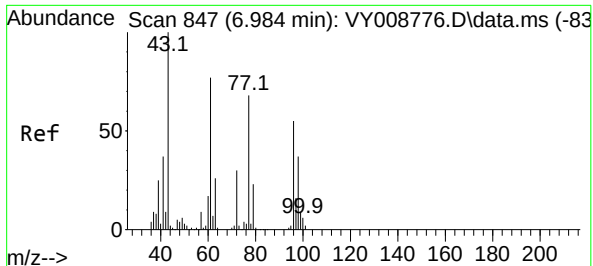
Tgt Ion: 43 Resp: 147
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY008783.D
Acq: 17 May 2022 19:54

Tgt Ion: 84 Resp: 3798
Ion Ratio Lower Upper
84 100
49 96.3 114.4 171.6#
51 37.2 35.3 52.9
86 52.6 53.7 80.5#

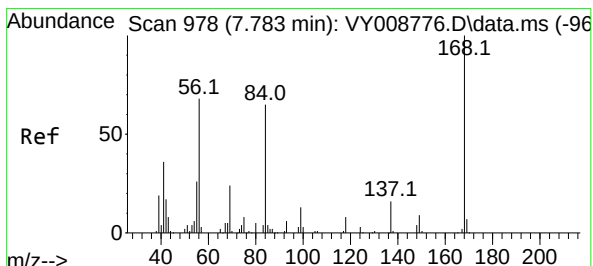
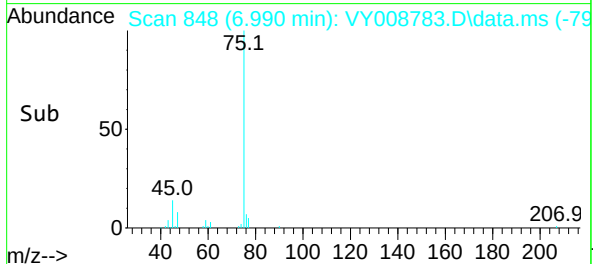
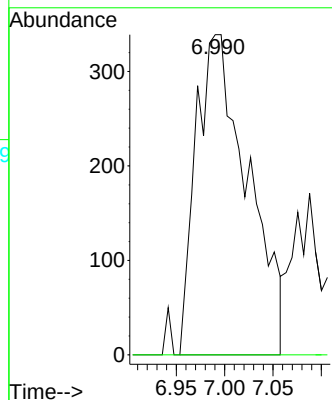
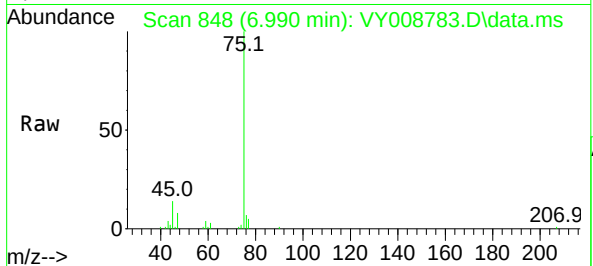




#25
2-Butanone
Concen: 3.039 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008783.D
Acq: 17 May 2022 19:54

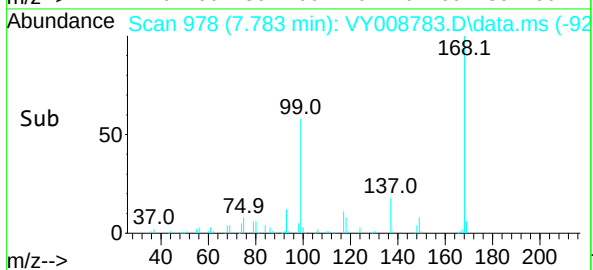
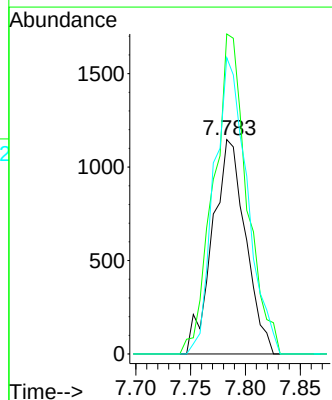
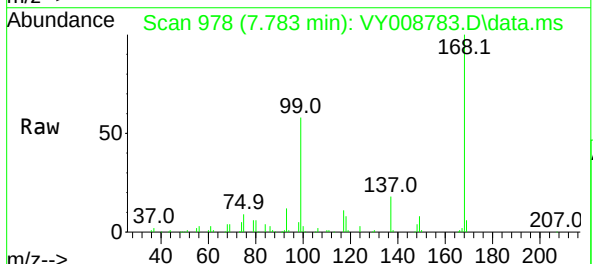
Instrument :
MSVOA_Y
ClientSampleId :

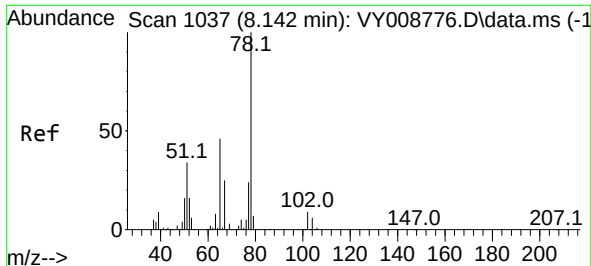
Tgt Ion: 43 Resp: 1265
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008783.D
Acq: 17 May 2022 19:54

Tgt Ion: 56 Resp: 2405
Ion Ratio Lower Upper
56 100
69 149.3 26.7 40.1#
84 138.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 67.348 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008783.D

Acq: 17 May 2022 19:54

Instrument :

MSVOA_Y

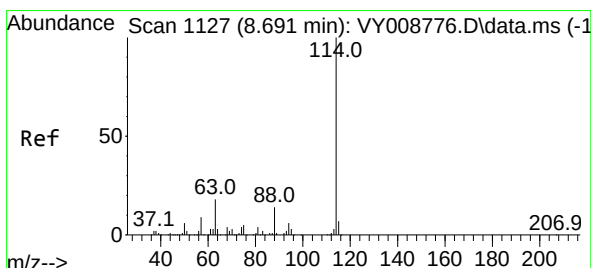
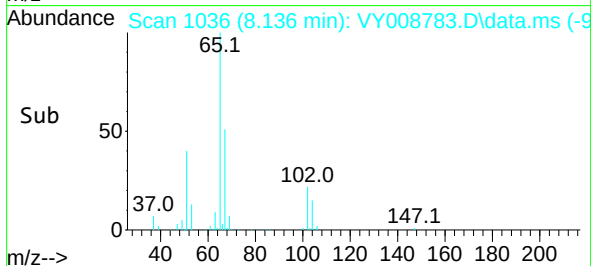
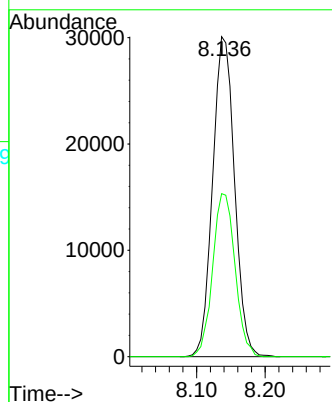
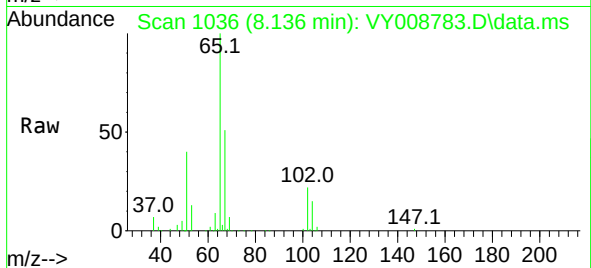
ClientSampleId :

Tgt Ion: 65 Resp: 66793

Ion Ratio Lower Upper

65 100

67 52.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008783.D

Acq: 17 May 2022 19:54

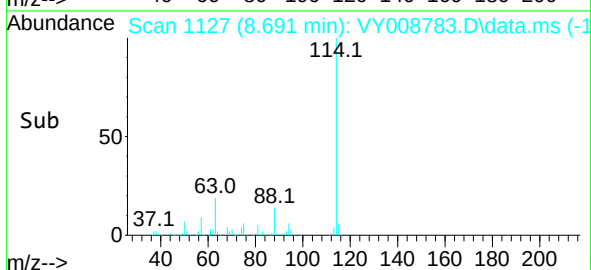
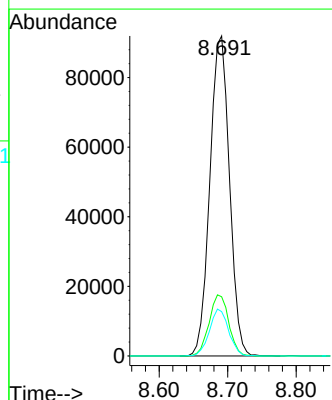
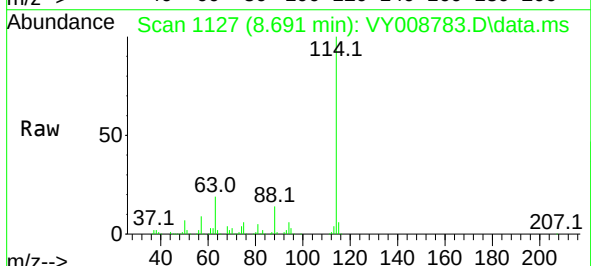
Tgt Ion: 114 Resp: 182626

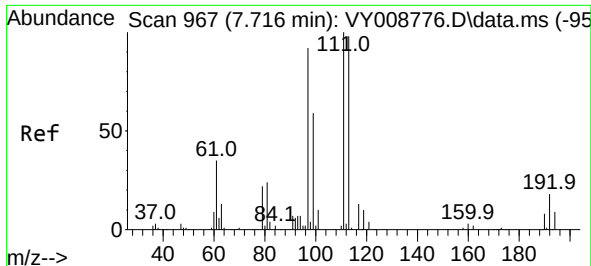
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

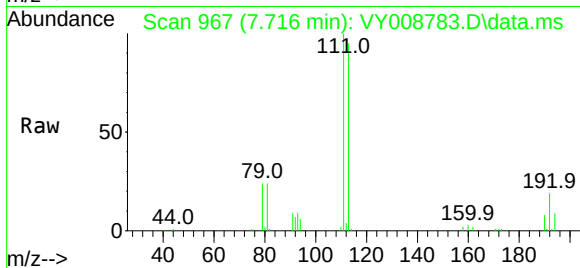
88 13.8 0.0 31.8



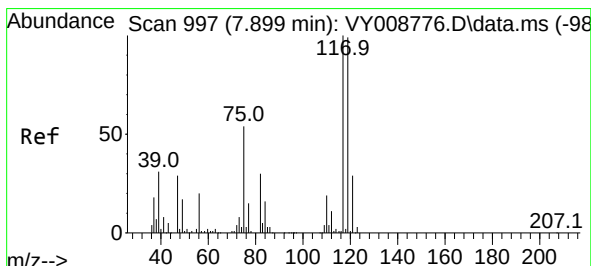
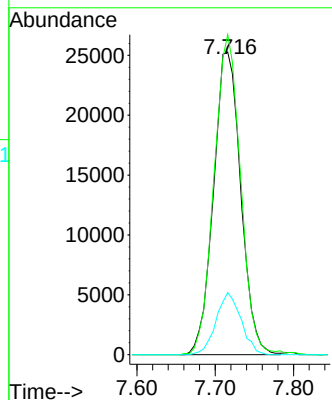
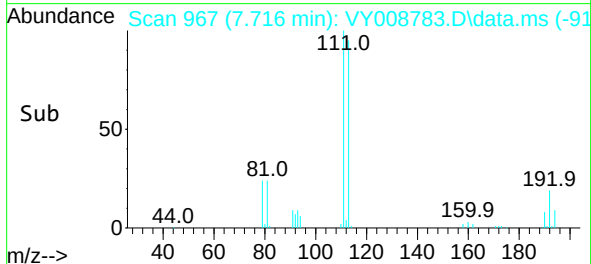


#35
Dibromofluoromethane
Concen: 57.297 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY008783.D
Acq: 17 May 2022 19:54

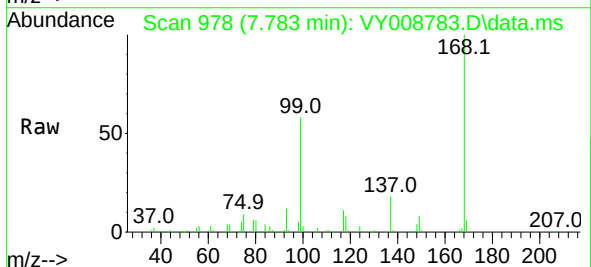
Instrument :
MSVOA_Y
ClientSampleId :



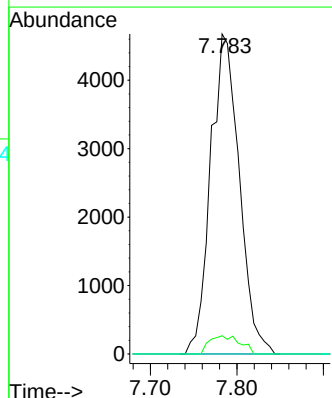
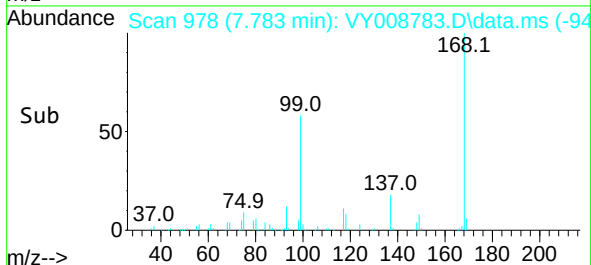
Tgt Ion:113 Resp: 61138
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 18.8 17.6 26.4

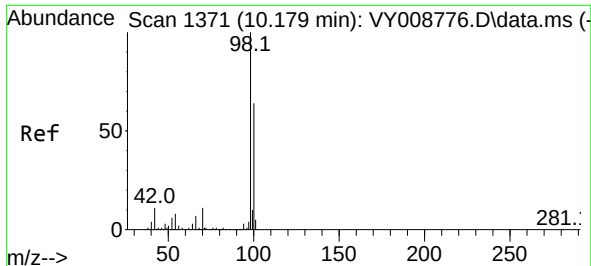


#38
Carbon Tetrachloride
Concen: 5.862 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY008783.D
Acq: 17 May 2022 19:54



Tgt Ion:117 Resp: 10736
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#

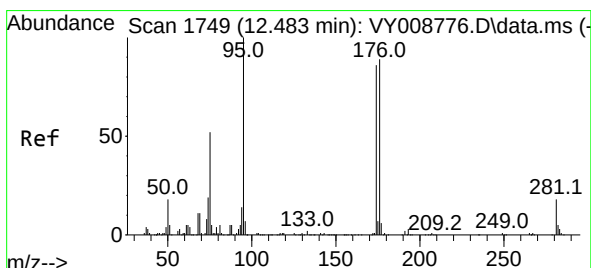
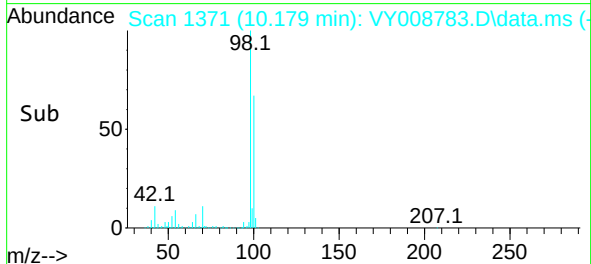
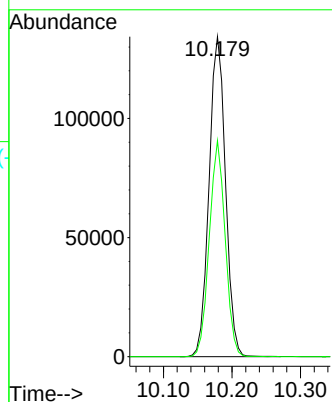
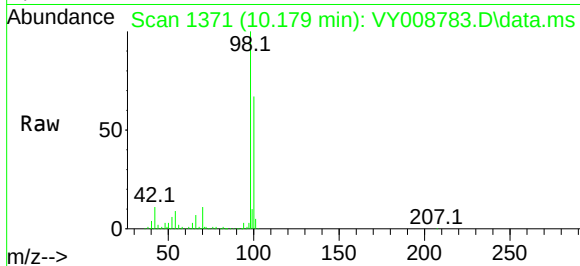




#50
Toluene-d8
Concen: 47.472 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008783.D
Acq: 17 May 2022 19:54

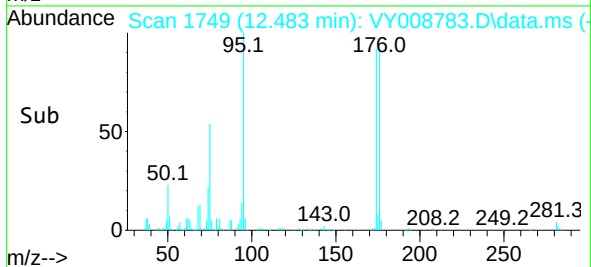
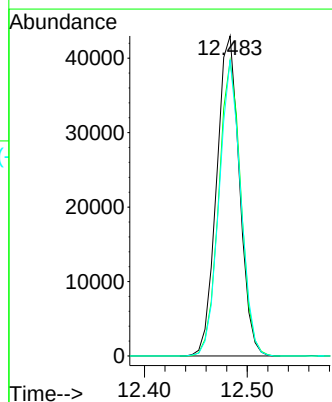
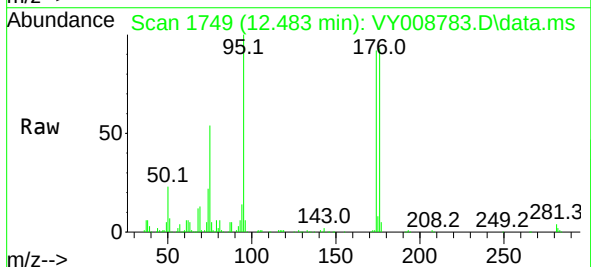
Instrument :
MSVOA_Y
ClientSampleId :

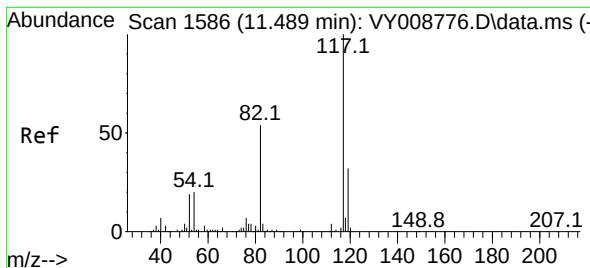
Tgt Ion: 98 Resp: 224347
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.851 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008783.D
Acq: 17 May 2022 19:54

Tgt Ion: 95 Resp: 66165
Ion Ratio Lower Upper
95 100
174 89.4 0.0 177.0
176 87.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

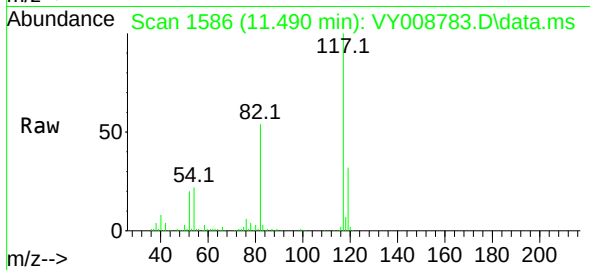
Lab File: VY008783.D

Acq: 17 May 2022 19:54

Instrument :

MSVOA_Y

ClientSampleId :



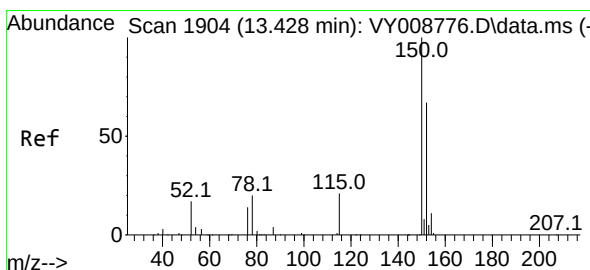
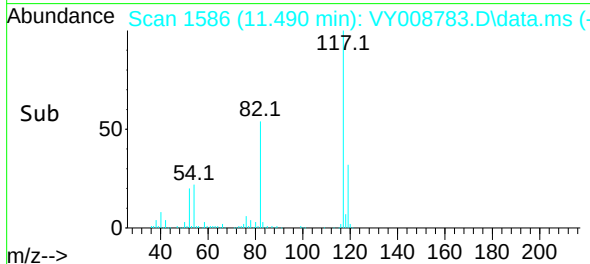
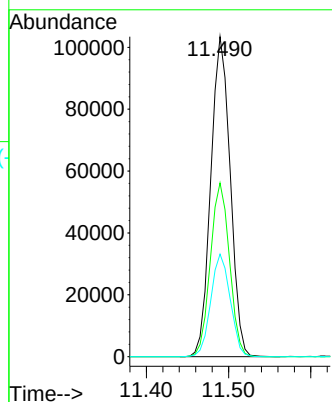
Tgt Ion:117 Resp: 169763

Ion Ratio Lower Upper

117 100

82 54.3 43.0 64.4

119 32.1 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: VY008783.D

Acq: 17 May 2022 19:54

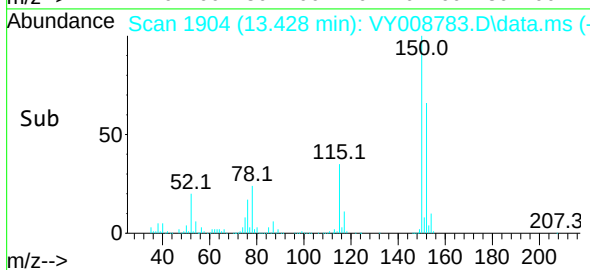
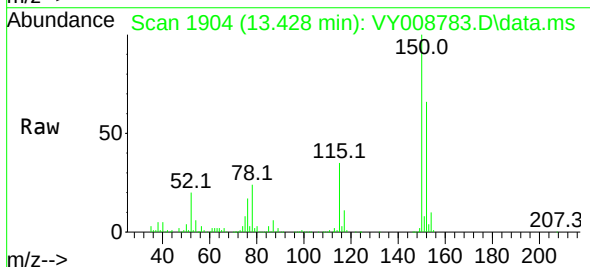
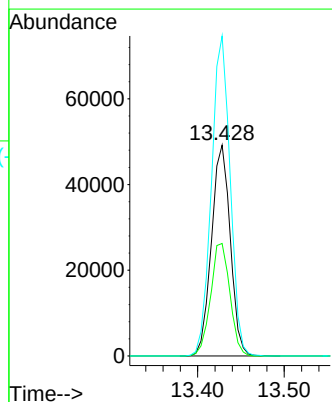
Tgt Ion:152 Resp: 74262

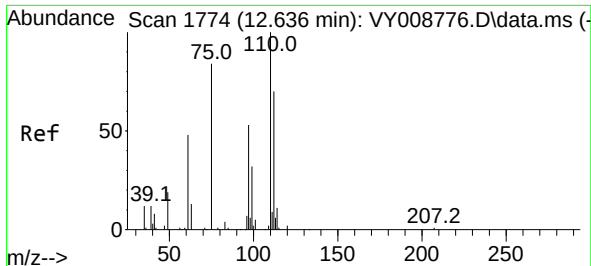
Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 150.7 0.0 347.6

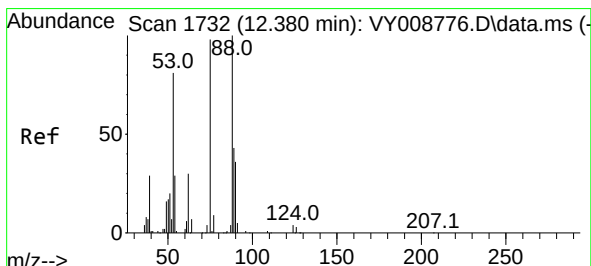
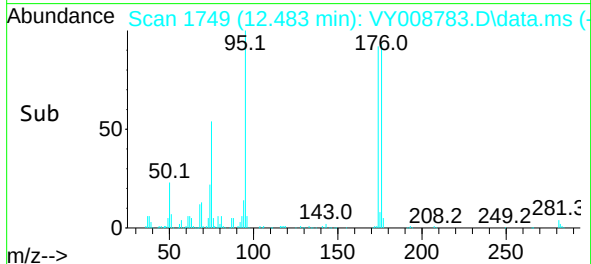
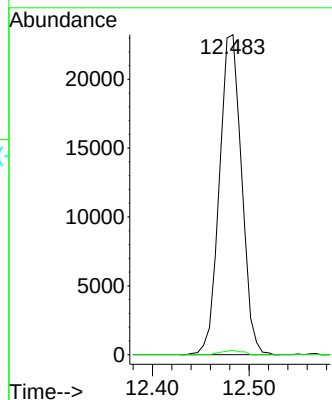
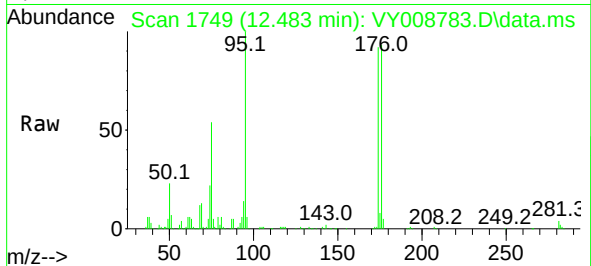




#76
1,2,3-Trichloropropane
Concen: 43.119 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008783.D
Acq: 17 May 2022 19:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 36989
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.314 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008783.D
Acq: 17 May 2022 19:54

Tgt Ion: 75 Resp: 36989
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

