

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008784.D
 Acq On : 17 May 2022 20:18
 Operator : KP/MD
 Sample : N2802-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 07:57:36 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)

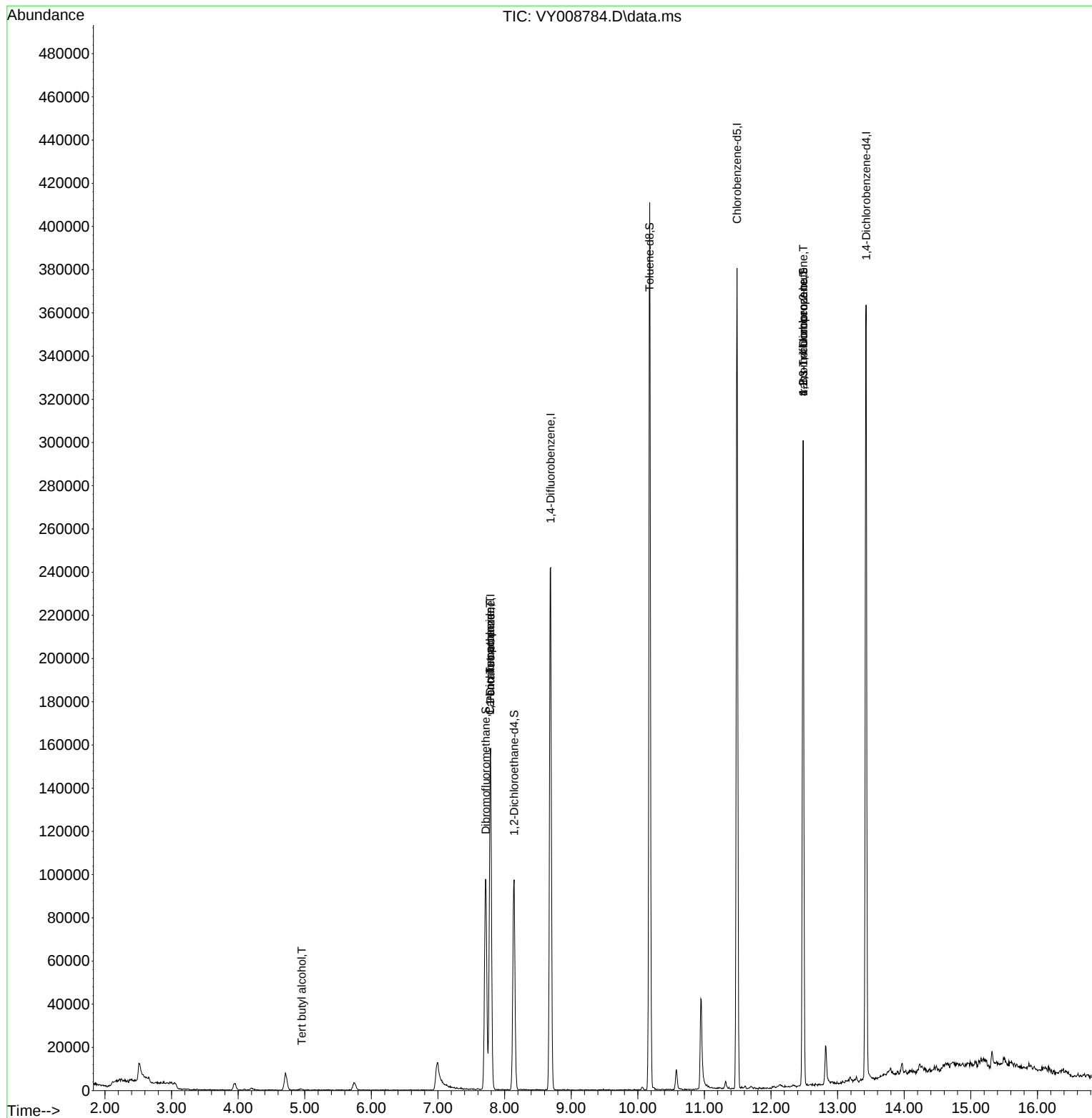
Internal Standards						
1) Pentafluorobenzene	7.789	168	121816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	209798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	200550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	74380	65.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.640%	
35) Dibromofluoromethane	7.716	113	68016	55.487	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.980%	
50) Toluene-d8	10.179	98	257879	47.498	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.000%	
62) 4-Bromofluorobenzene	12.483	95	78999	41.282	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.560%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	218	Below Cal	#	43
3) Chloromethane	2.107	50	413	Below Cal	#	80
4) Vinyl Chloride	2.259	62	240	Below Cal	#	43
5) Bromomethane	2.662	94	557	Below Cal	#	81
6) Chloroethane	2.772	64	50	Below Cal	#	1
7) Trichlorofluoromethane	3.119	101	187	Below Cal	#	21
11) Tert butyl alcohol	4.954	59	779	6.237 ug/l	#	77
16) Acetone	3.942	43	5926	Below Cal		94
17) Carbon Disulfide	4.210	76	48	Below Cal	#	75
18) Methyl Acetate	4.479	43	172	Below Cal	#	56
20) Methylene Chloride	4.716	84	5733	Below Cal	#	84
31) Cyclohexane	7.789	56	2793	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	9905	5.045 ug/l	#	51
38) Carbon Tetrachloride	7.783	117	11845	5.630 ug/l	#	15
76) 1,2,3-Trichloropropane	12.483	75	45433	43.485 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45433	95.114 ug/l	#	7

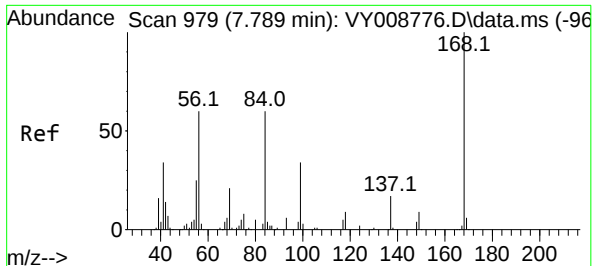
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
Data File : VY008784.D
Acq On : 17 May 2022 20:18
Operator : KP/MD
Sample : N2802-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 18 07:57:36 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

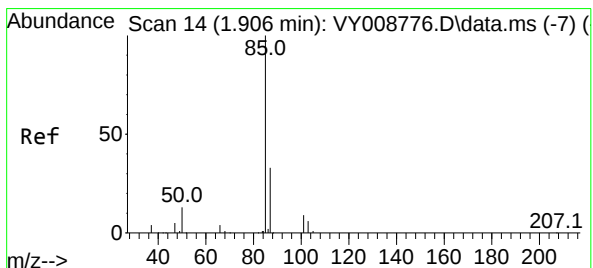
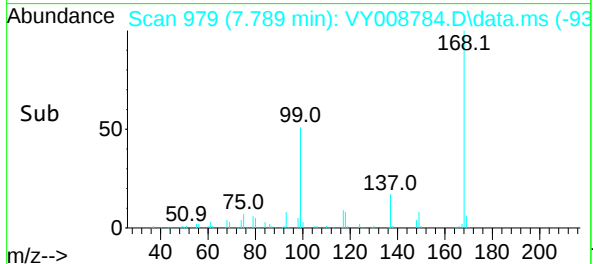
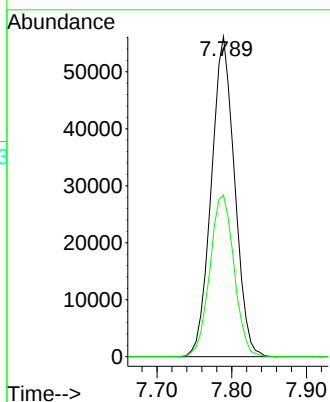
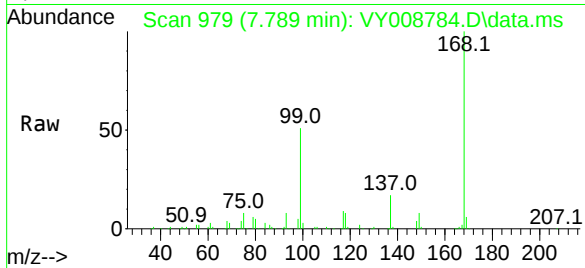




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008784.D
Acq: 17 May 2022 20:18

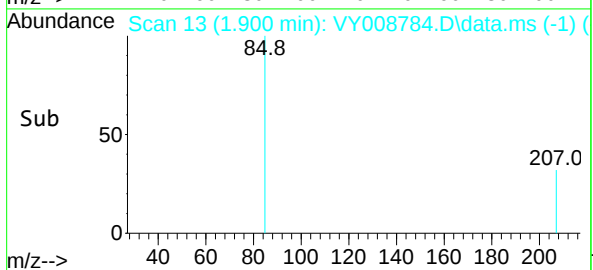
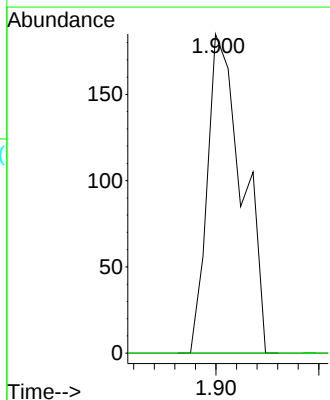
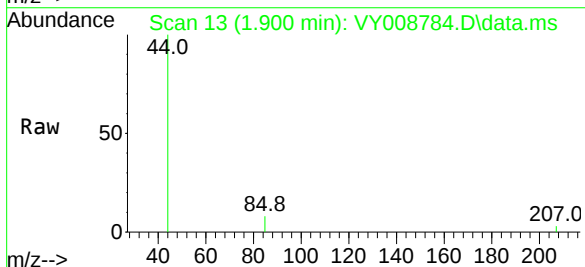
Instrument :
MSVOA_Y
ClientSampleId :

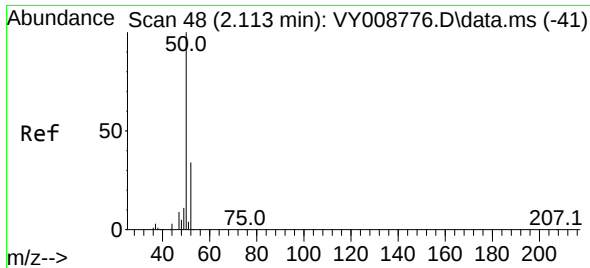
Tgt Ion:168 Resp: 121816
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY008784.D
Acq: 17 May 2022 20:18

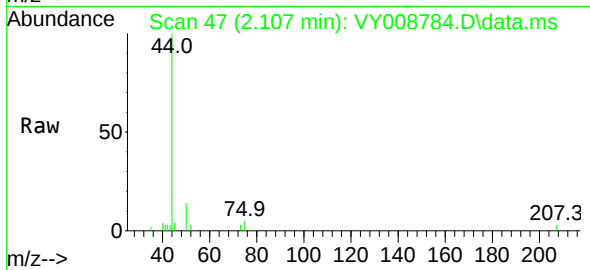
Tgt Ion: 85 Resp: 218
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



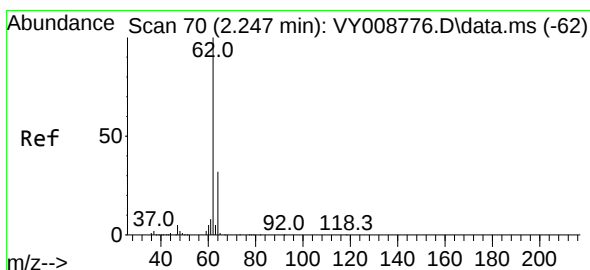
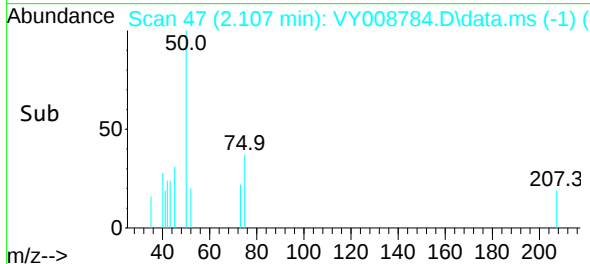
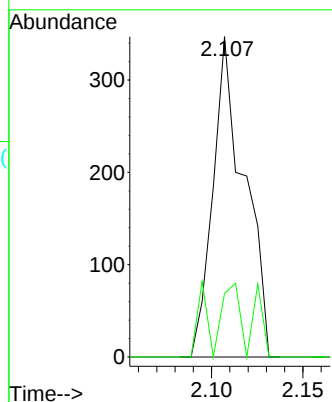


#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008784.D
Acq: 17 May 2022 20:18

Instrument :
MSVOA_Y
ClientSampleId :

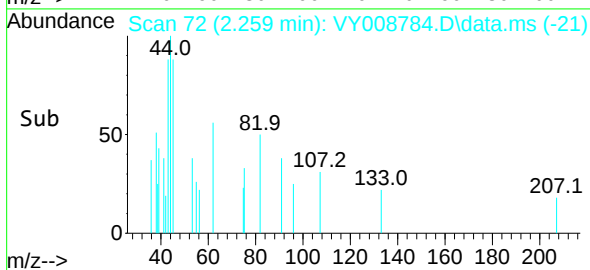
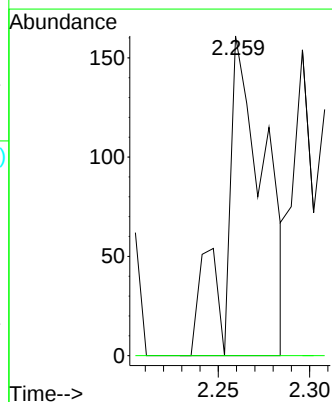
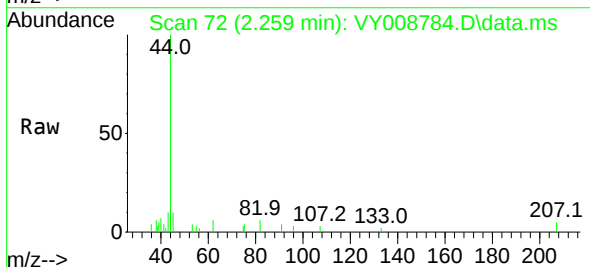


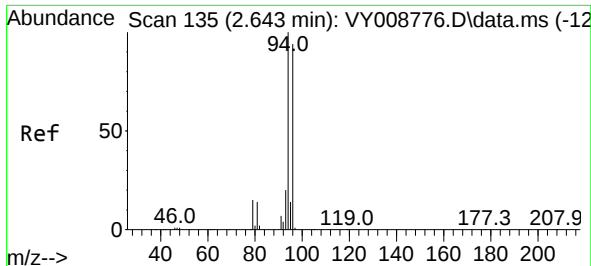
Tgt Ion: 50 Resp: 413
Ion Ratio Lower Upper
50 100
52 19.9 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.259 min Scan# 72
Delta R.T. 0.012 min
Lab File: VY008784.D
Acq: 17 May 2022 20:18

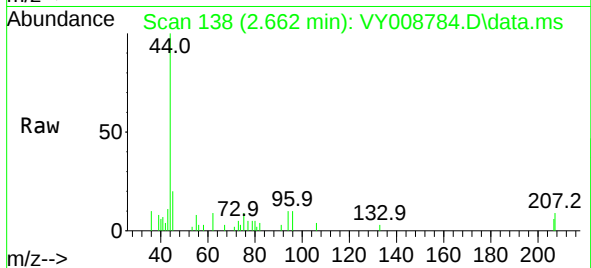
Tgt Ion: 62 Resp: 240
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#



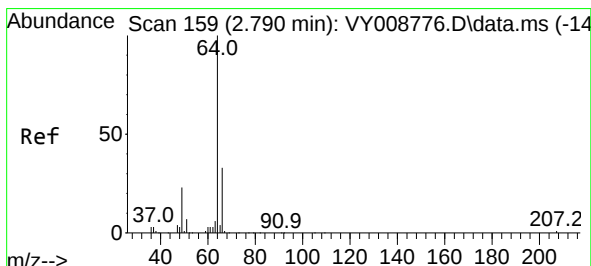
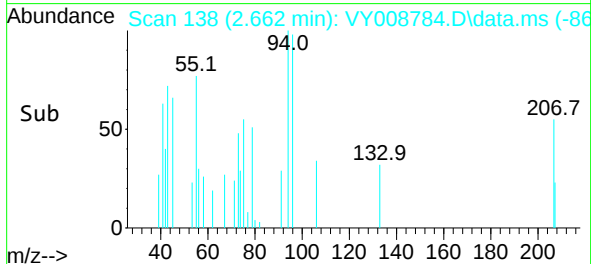
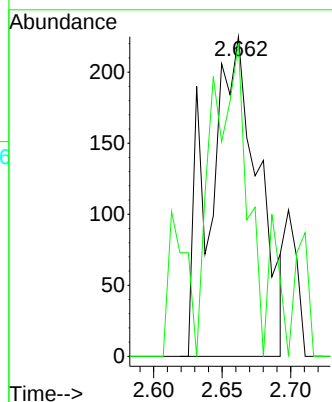


#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008784.D
Acq: 17 May 2022 20:18

Instrument :
MSVOA_Y
ClientSampleId :

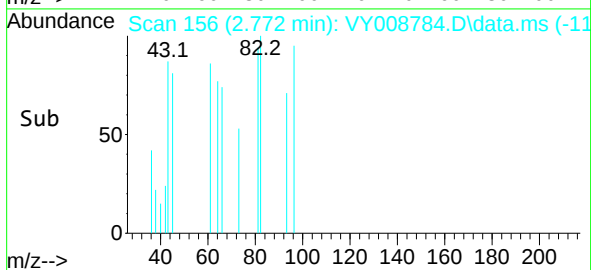
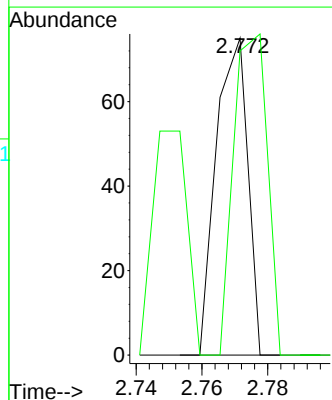
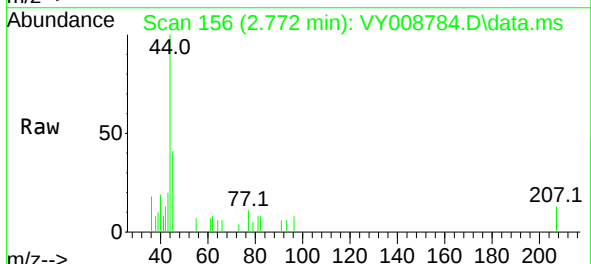


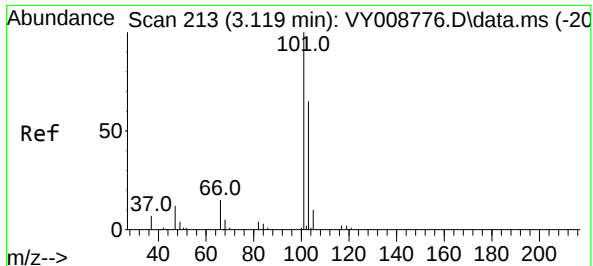
Tgt Ion: 94 Resp: 557
Ion Ratio Lower Upper
94 100
96 73.3 73.5 110.3#



#6
Chloroethane
Concen: Below Cal
RT: 2.772 min Scan# 156
Delta R.T. -0.018 min
Lab File: VY008784.D
Acq: 17 May 2022 20:18

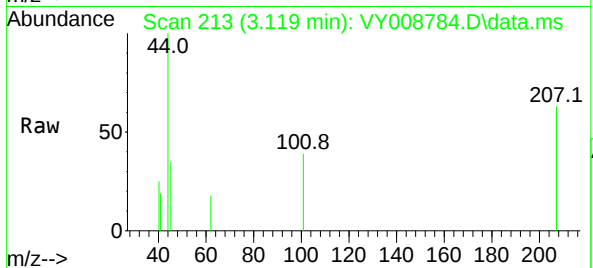
Tgt Ion: 64 Resp: 50
Ion Ratio Lower Upper
64 100
66 96.0 25.4 38.0#



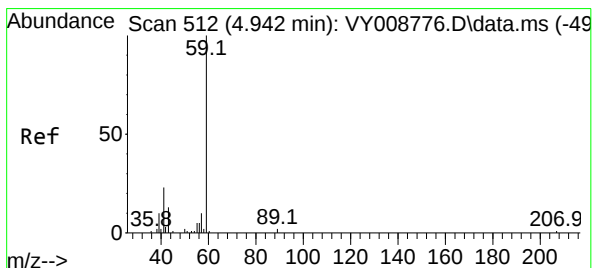
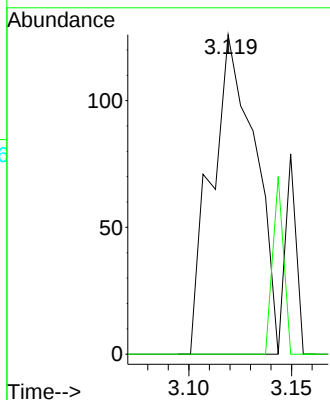
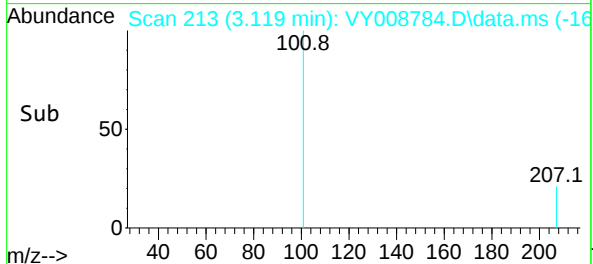


#7
 Trichlorofluoromethane
 Concen: Below Cal
 RT: 3.119 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY008784.D
 Acq: 17 May 2022 20:18

Instrument :
 MSVOA_Y
 ClientSampleId :

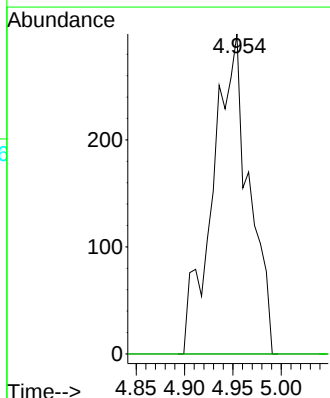
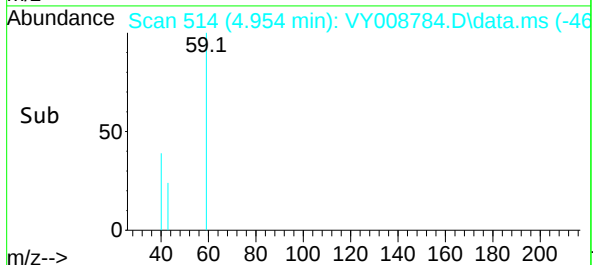
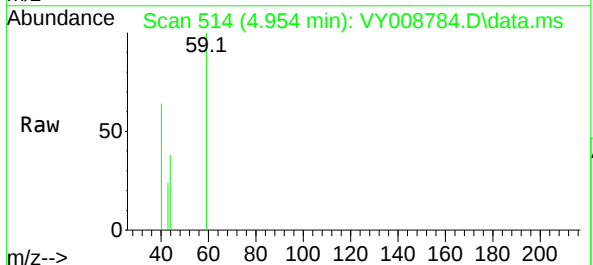


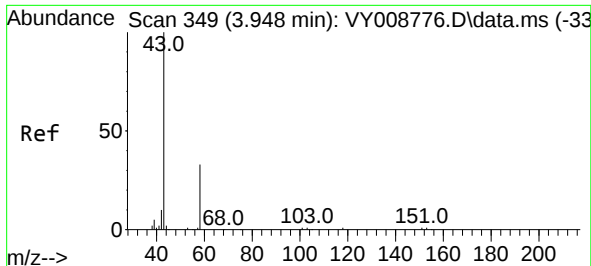
Tgt Ion:101 Resp: 187
 Ion Ratio Lower Upper
 101 100
 103 0.0 48.0 72.0#



#11
 Tert butyl alcohol
 Concen: 6.237 ug/l
 RT: 4.954 min Scan# 514
 Delta R.T. 0.012 min
 Lab File: VY008784.D
 Acq: 17 May 2022 20:18

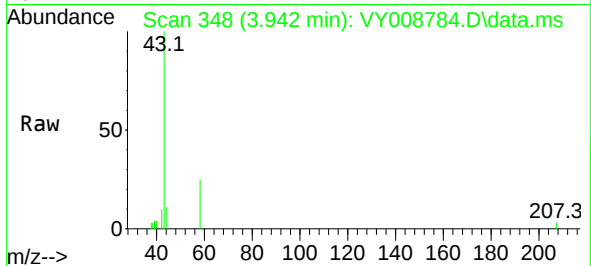
Tgt Ion: 59 Resp: 779
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.4 9.6#



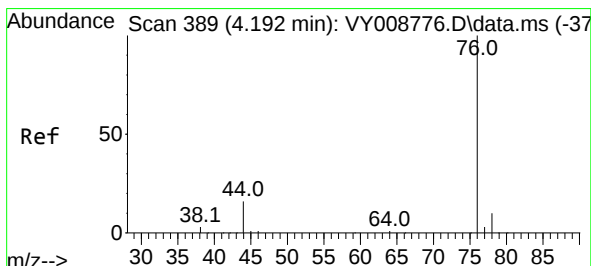
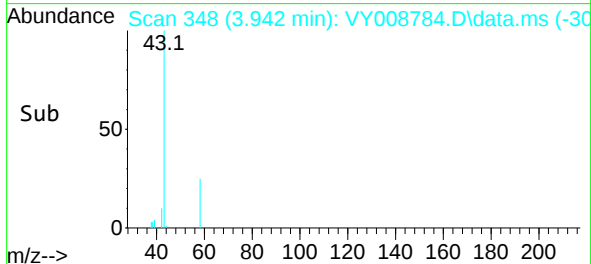
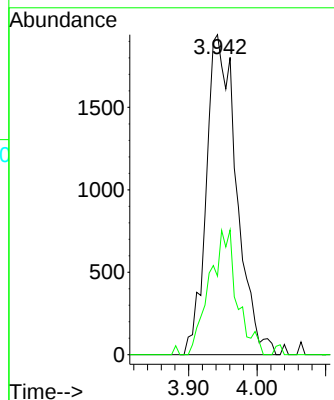


#16
Acetone
Concen: Below Cal
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008784.D
Acq: 17 May 2022 20:18

Instrument :
MSVOA_Y
ClientSampleId :

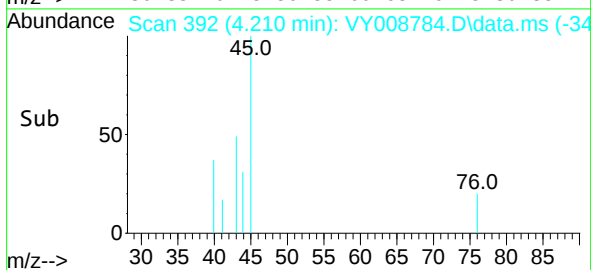
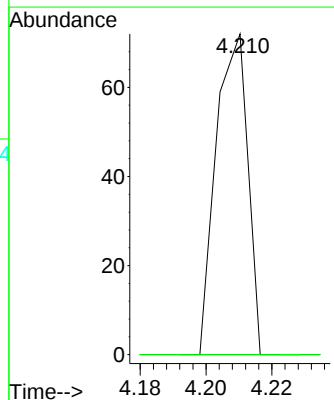
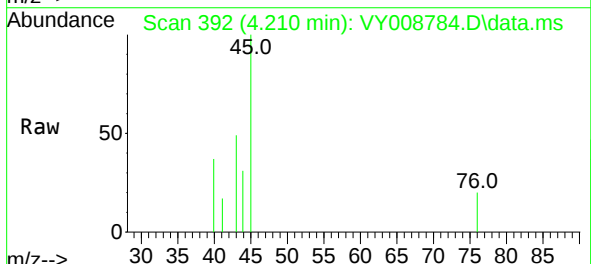


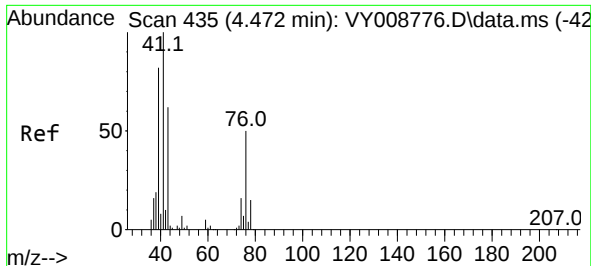
Tgt Ion: 43 Resp: 5926
Ion Ratio Lower Upper
43 100
58 24.6 22.0 33.0



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.210 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY008784.D
Acq: 17 May 2022 20:18

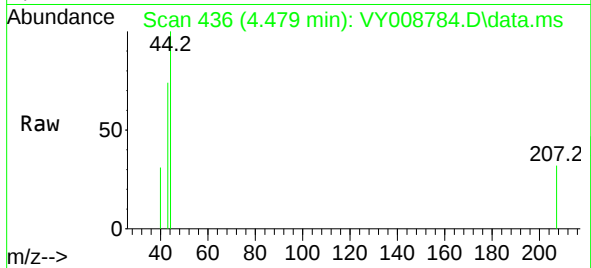
Tgt Ion: 76 Resp: 48
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



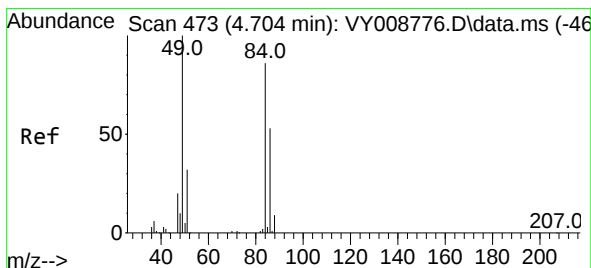
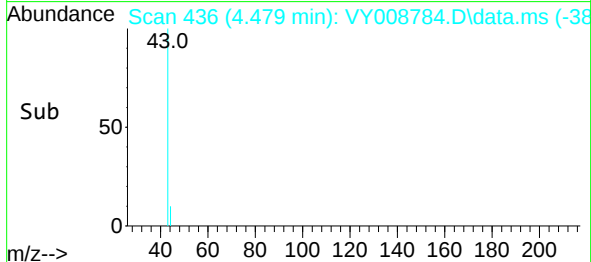
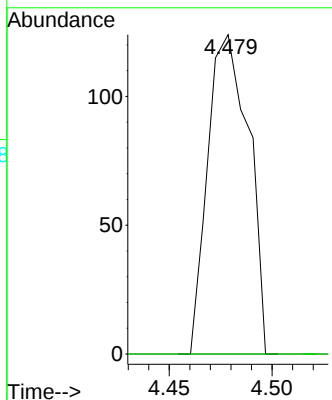


#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY008784.D
Acq: 17 May 2022 20:18

Instrument :
MSVOA_Y
ClientSampleId :

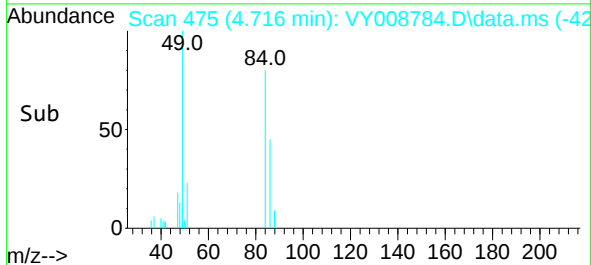
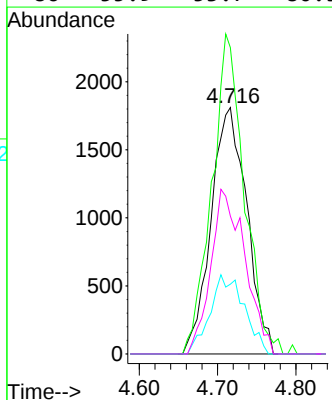
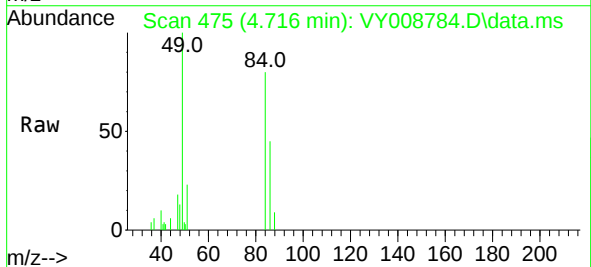


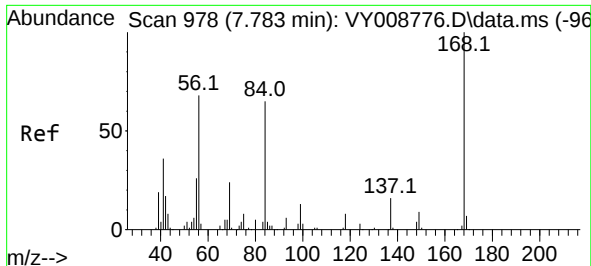
Tgt Ion: 43 Resp: 172
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY008784.D
Acq: 17 May 2022 20:18

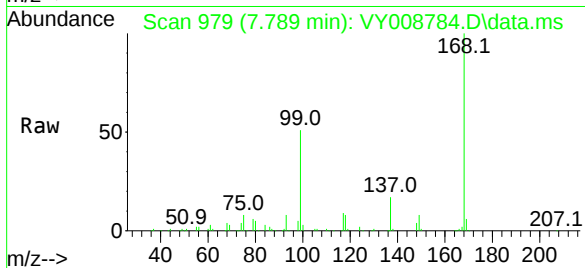
Tgt Ion: 84 Resp: 5733
Ion Ratio Lower Upper
84 100
49 124.4 114.4 171.6
51 28.3 35.3 52.9#
86 55.9 53.7 80.5



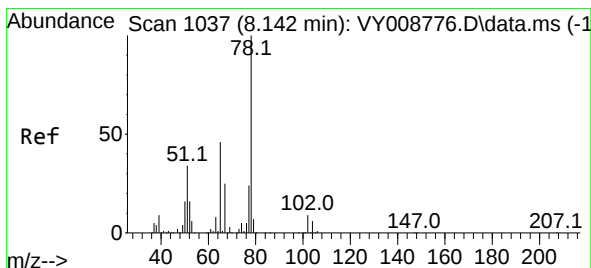
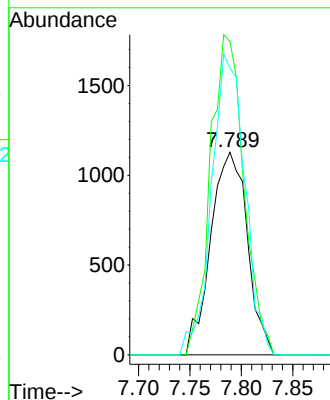
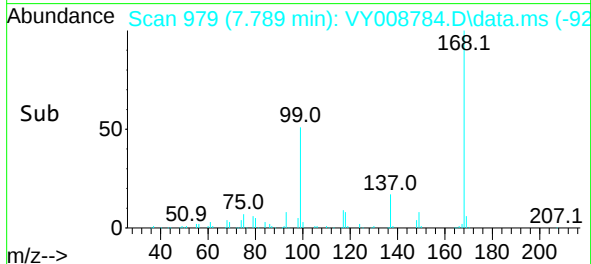


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008784.D
Acq: 17 May 2022 20:18

Instrument :
MSVOA_Y
ClientSampleId :

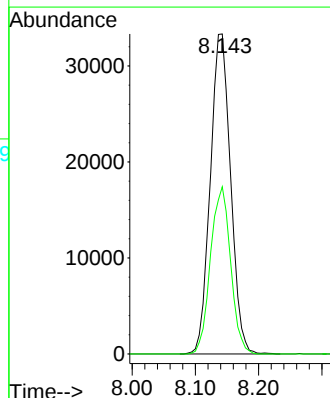
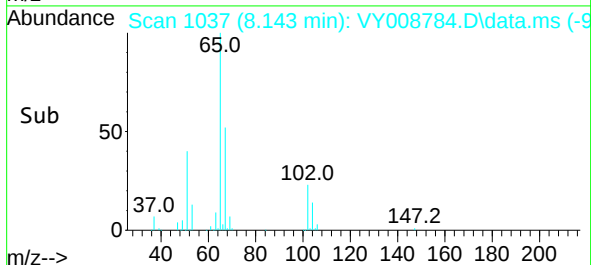
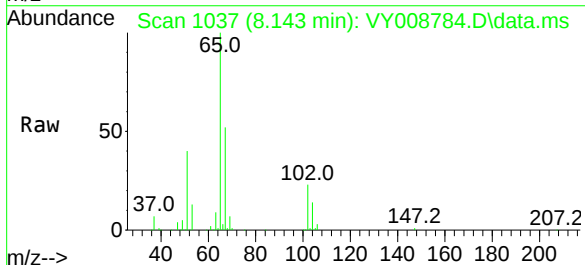


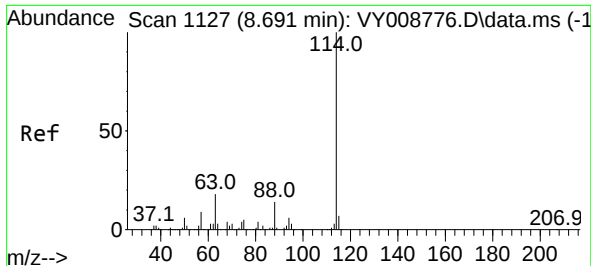
Tgt Ion: 56 Resp: 2793
Ion Ratio Lower Upper
56 100
69 154.7 26.7 40.1#
84 141.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 65.818 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008784.D
Acq: 17 May 2022 20:18

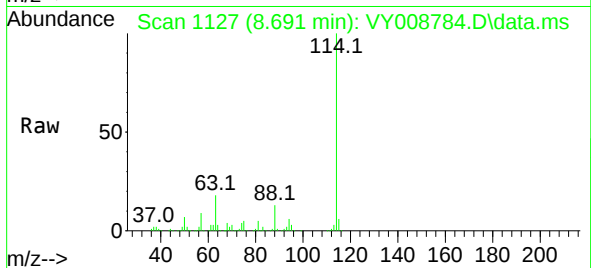
Tgt Ion: 65 Resp: 74380
Ion Ratio Lower Upper
65 100
67 51.6 0.0 99.4



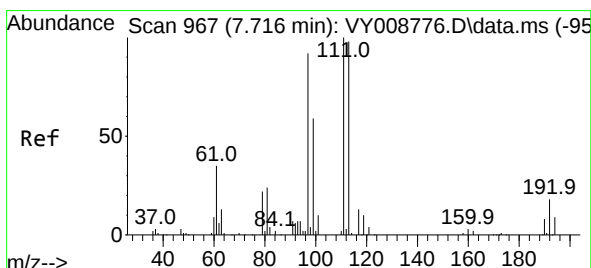
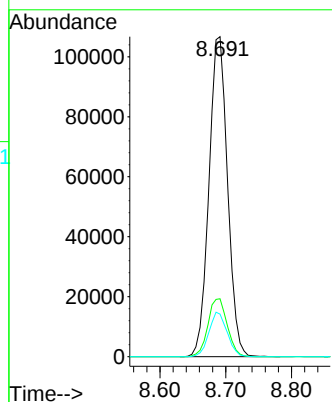
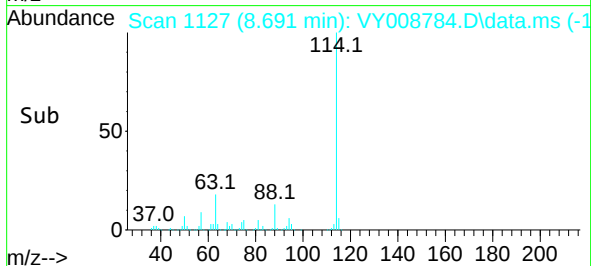


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008784.D
Acq: 17 May 2022 20:18

Instrument :
MSVOA_Y
ClientSampleId :

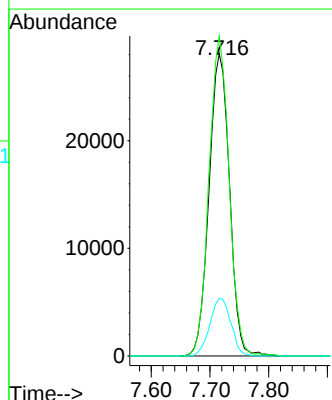
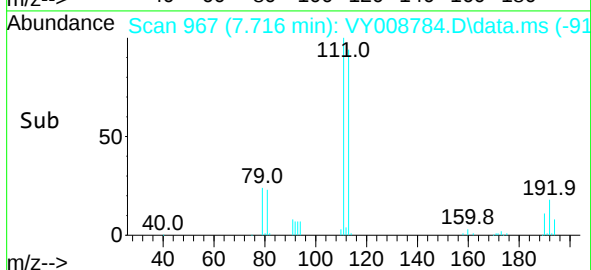
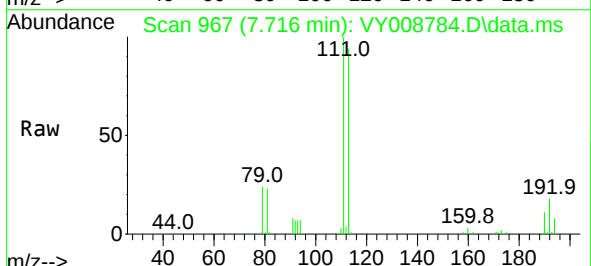


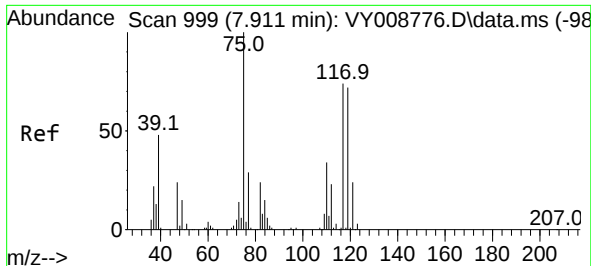
Tgt Ion:114 Resp: 209798
Ion Ratio Lower Upper
114 100
63 18.1 0.0 43.2
88 13.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 55.487 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY008784.D
Acq: 17 May 2022 20:18

Tgt Ion:113 Resp: 68016
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 19.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.045 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

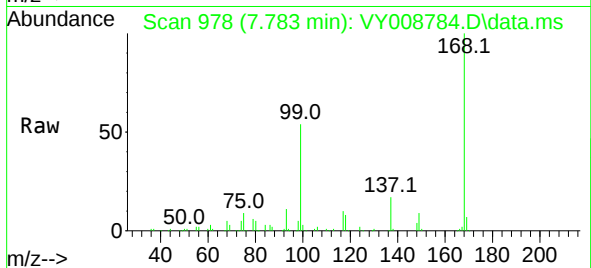
Lab File: VY008784.D

Acq: 17 May 2022 20:18

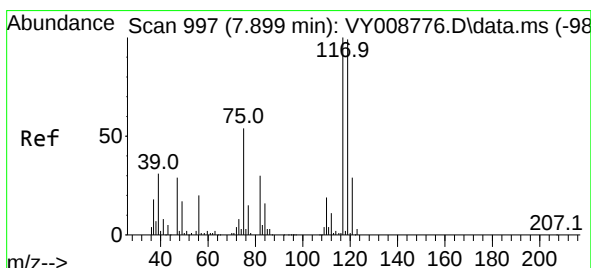
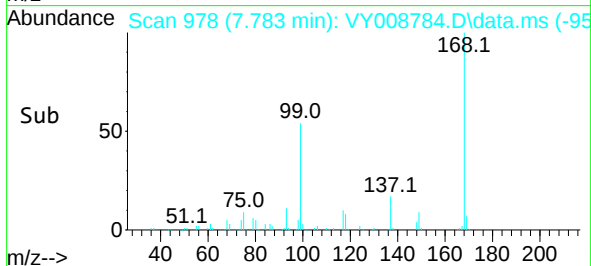
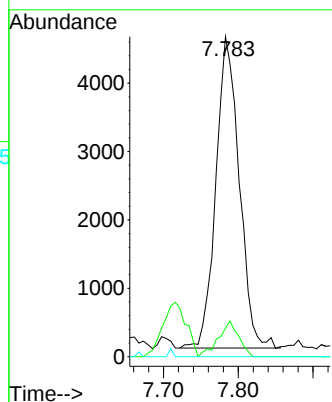
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	9905
Ion Ratio	Lower	Upper	
75	100		
110	9.7	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.630 ug/l

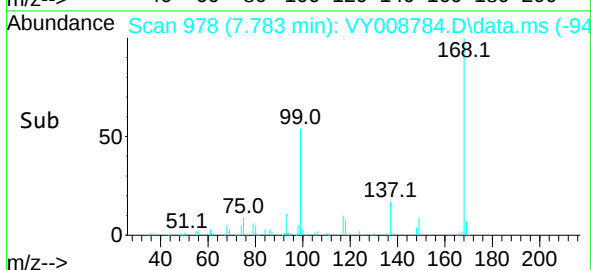
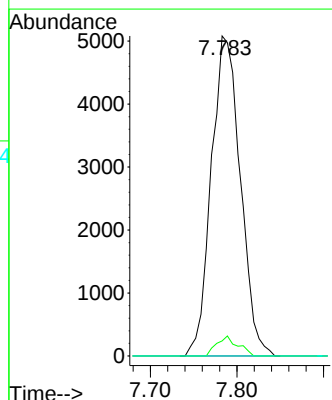
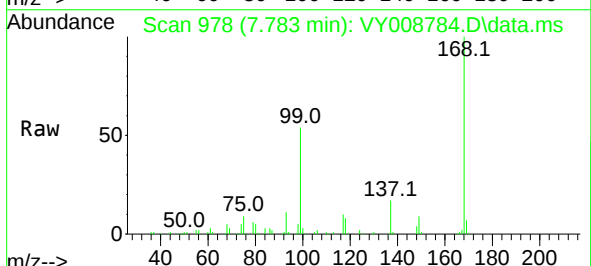
RT: 7.783 min Scan# 978

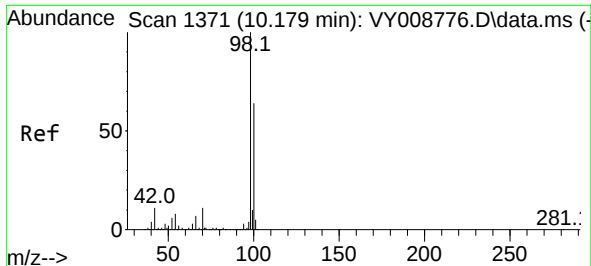
Delta R.T. -0.116 min

Lab File: VY008784.D

Acq: 17 May 2022 20:18

Tgt Ion:	117	Resp:	11845
Ion Ratio	Lower	Upper	
117	100		
119	4.7	77.9	116.9#
121	0.0	24.8	37.2#

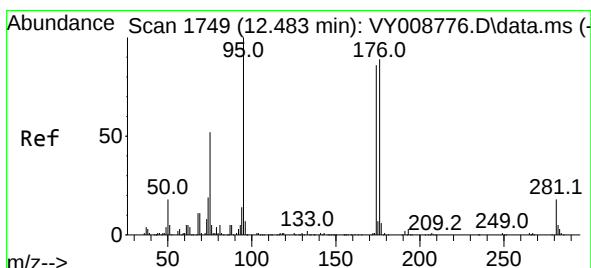
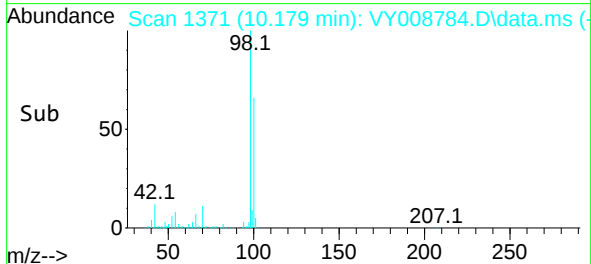
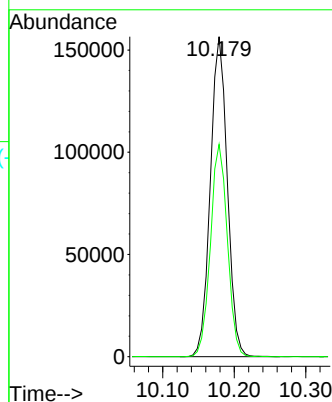
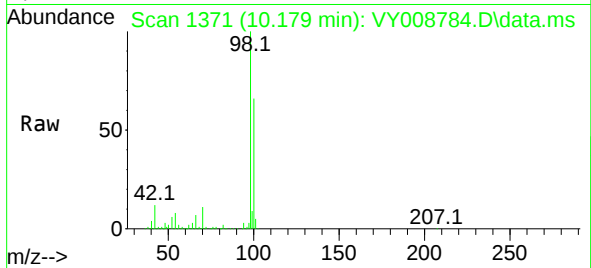




#50
Toluene-d8
Concen: 47.498 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008784.D
Acq: 17 May 2022 20:18

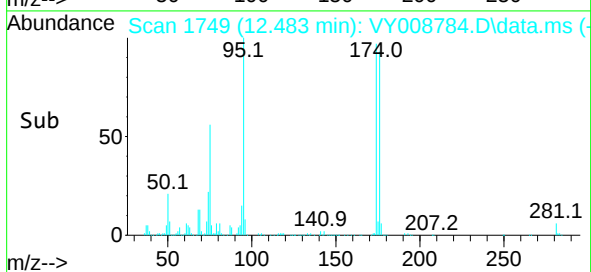
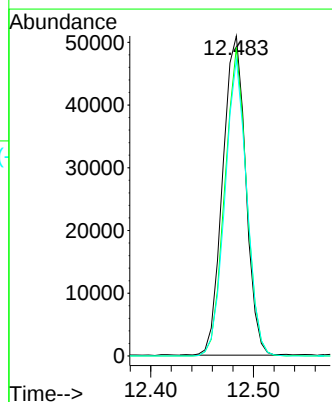
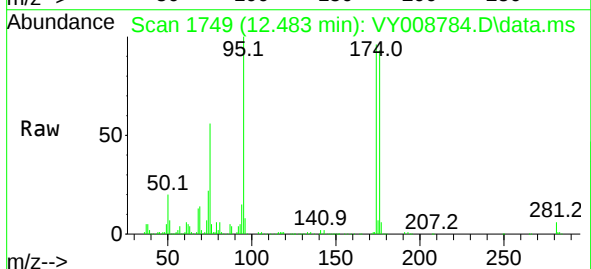
Instrument :
MSVOA_Y
ClientSampleId :

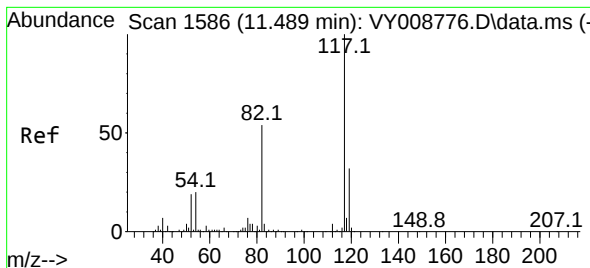
Tgt Ion: 98 Resp: 257879
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.282 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008784.D
Acq: 17 May 2022 20:18

Tgt Ion: 95 Resp: 78999
Ion Ratio Lower Upper
95 100
174 91.1 0.0 177.0
176 88.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

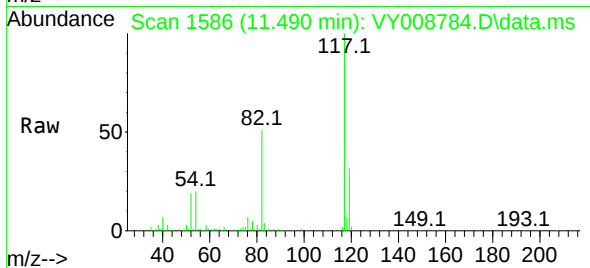
Lab File: VY008784.D

Acq: 17 May 2022 20:18

Instrument :

MSVOA_Y

ClientSampleId :



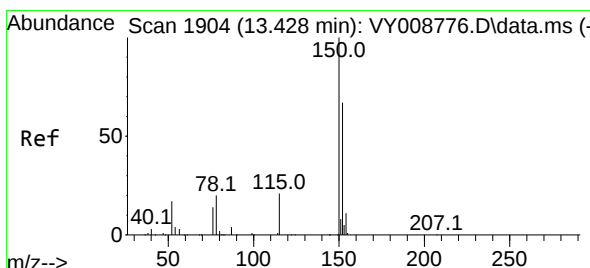
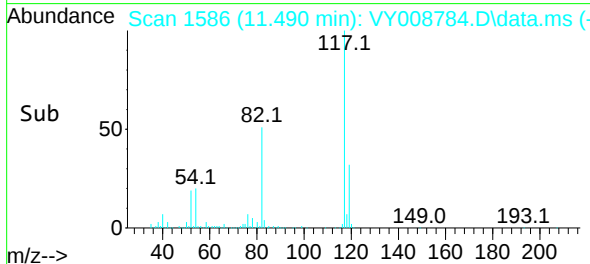
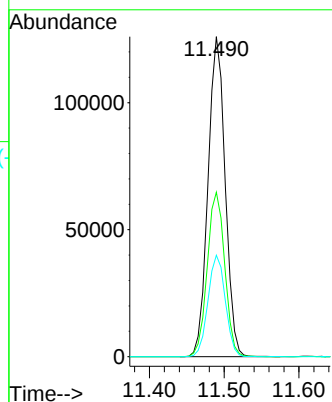
Tgt Ion:117 Resp: 200550

Ion Ratio Lower Upper

117 100

82 51.4 43.0 64.4

119 31.7 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: VY008784.D

Acq: 17 May 2022 20:18

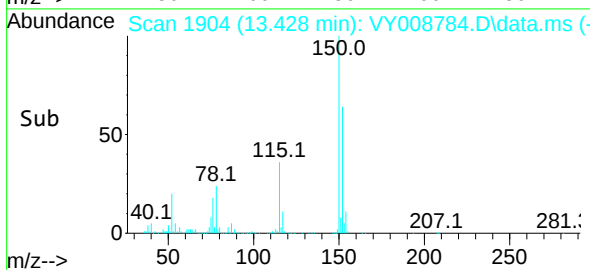
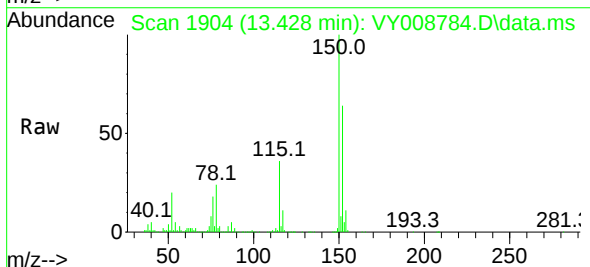
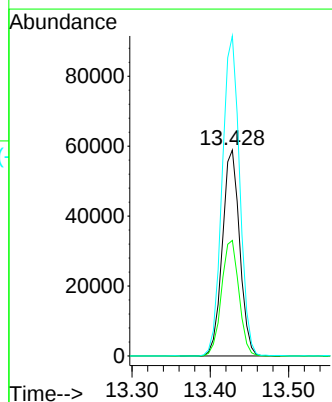
Tgt Ion:152 Resp: 90448

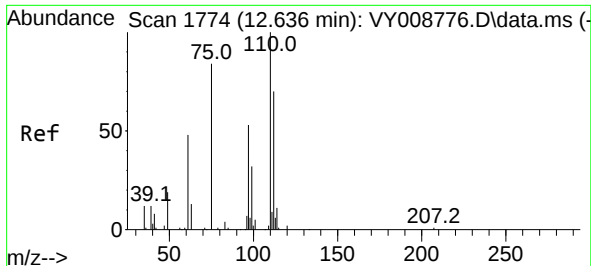
Ion Ratio Lower Upper

152 100

115 56.6 28.2 84.7

150 157.3 0.0 347.6

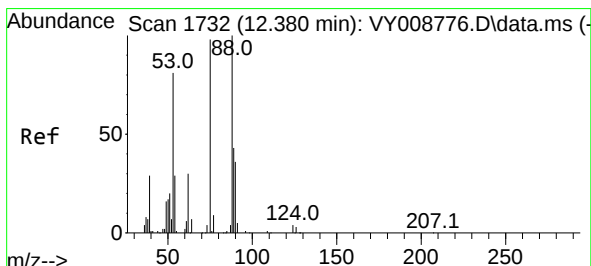
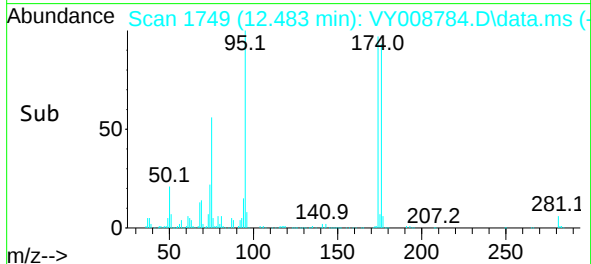
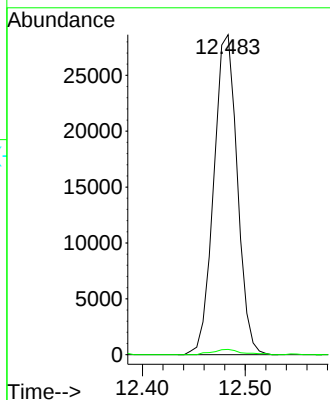
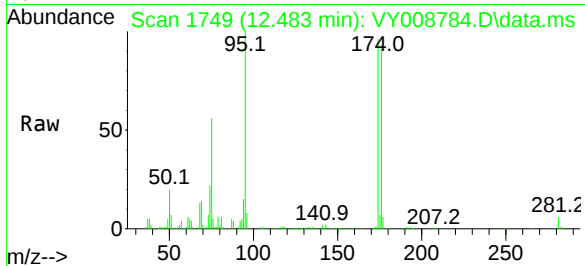




#76
1,2,3-Trichloropropane
Concen: 43.485 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008784.D
Acq: 17 May 2022 20:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 45433
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.114 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008784.D
Acq: 17 May 2022 20:18

Tgt Ion: 75 Resp: 45433
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 0.0 37.0 55.4#

