

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008790.D
 Acq On : 17 May 2022 22:38
 Operator : KP/MD
 Sample : N2841-04
 Misc : 3.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 07:58:55 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)

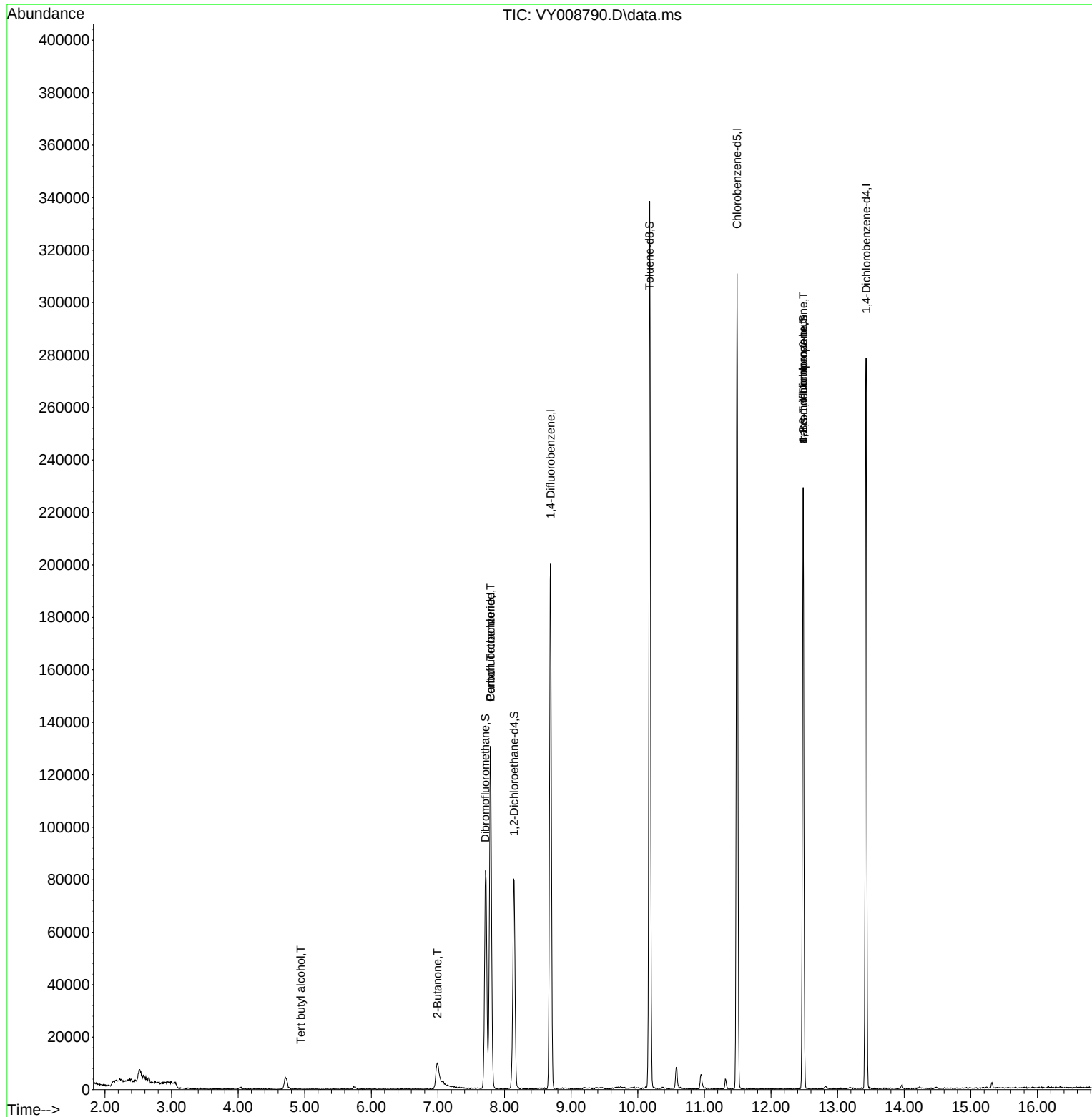
Internal Standards						
1) Pentafluorobenzene	7.789	168	98576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	170084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	161754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	59588	65.159	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.320%	
35) Dibromofluoromethane	7.710	113	57587	57.948	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.900%	
50) Toluene-d8	10.179	98	211625	48.041	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.080%	
62) 4-Bromofluorobenzene	12.483	95	60169	38.994	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	230	Below Cal	#	44
4) Vinyl Chloride	2.253	62	22	Below Cal	#	43
5) Bromomethane	2.662	94	185	Below Cal		83
6) Chloroethane	2.772	64	38	Below Cal	#	43
11) Tert butyl alcohol	4.942	59	152	1.504	ug/l #	77
16) Acetone	3.960	43	478	Below Cal	#	47
17) Carbon Disulfide	4.204	76	19	Below Cal	#	75
18) Methyl Acetate	4.546	43	18	Below Cal	#	56
20) Methylene Chloride	4.710	84	3404	Below Cal	#	87
25) 2-Butanone	6.990	43	828	2.158	ug/l #	54
31) Cyclohexane	7.789	56	2320	Below Cal	#	8
38) Carbon Tetrachloride	7.789	117	9645	5.654	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	34410	43.222	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34410	94.539	ug/l #	7

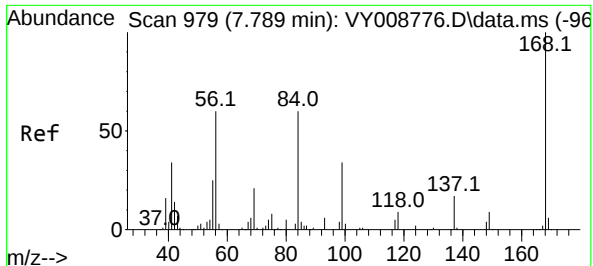
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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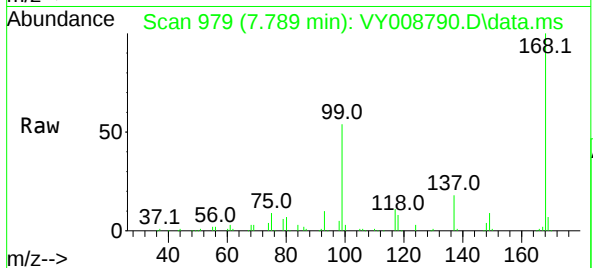
Quant Time: May 18 07:58:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
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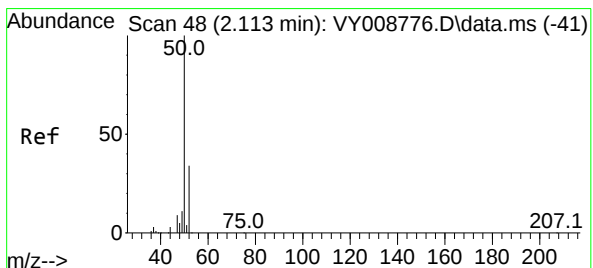
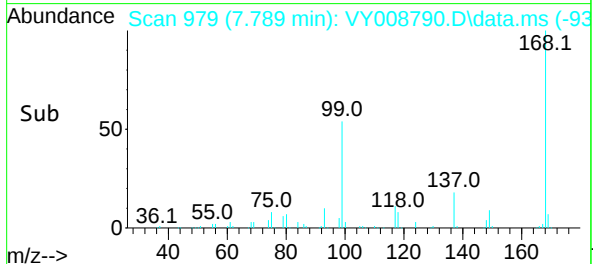
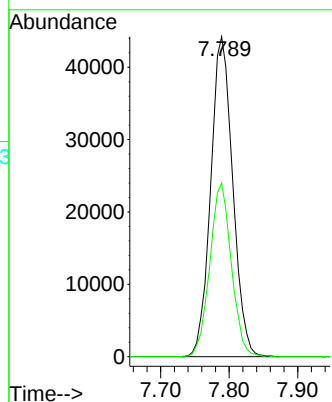


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008790.D
Acq: 17 May 2022 22:38

Instrument :
MSVOA_Y
ClientSampleId :

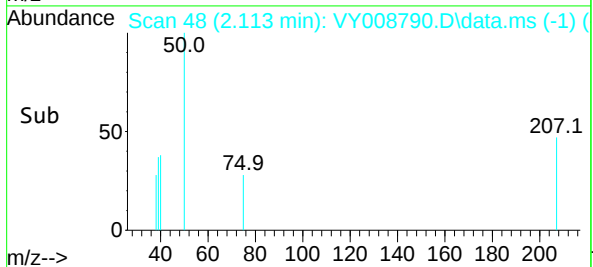
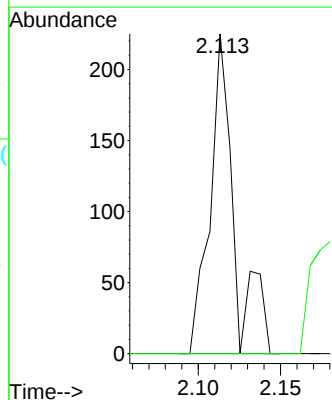
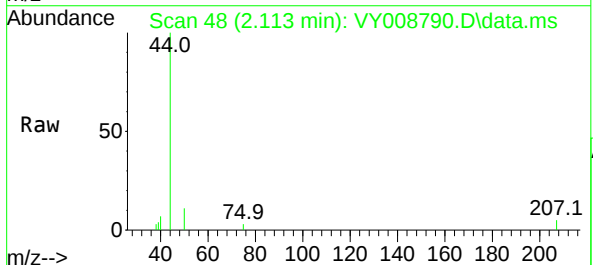


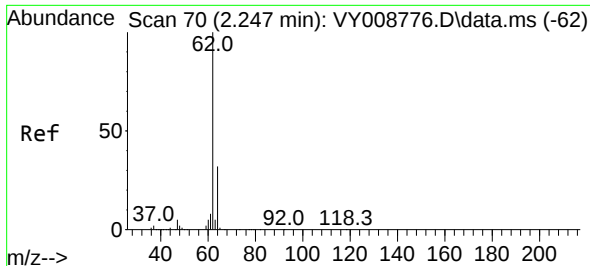
Tgt Ion:168 Resp: 98576
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008790.D
Acq: 17 May 2022 22:38

Tgt Ion: 50 Resp: 230
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

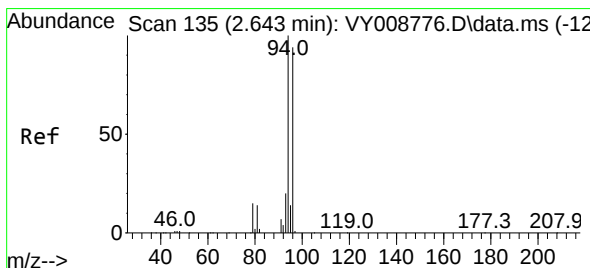
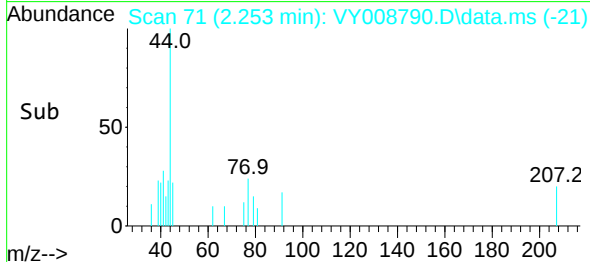
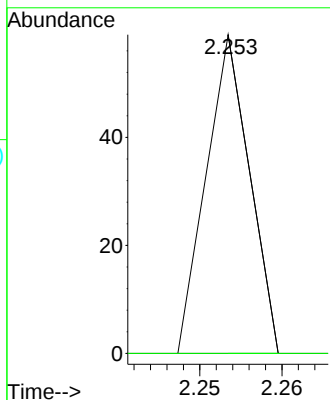
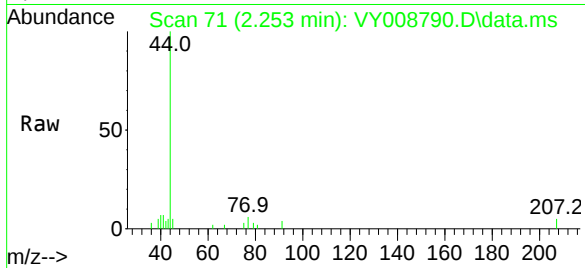




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.253 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VY008790.D
 Acq: 17 May 2022 22:38

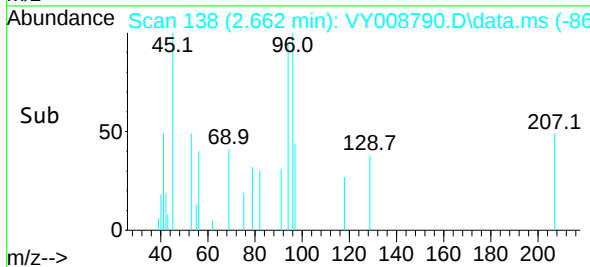
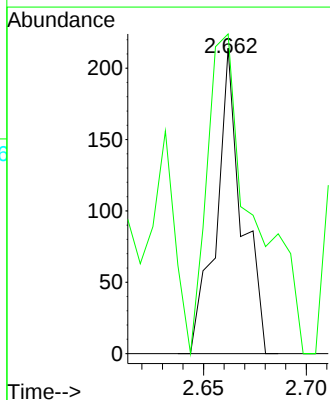
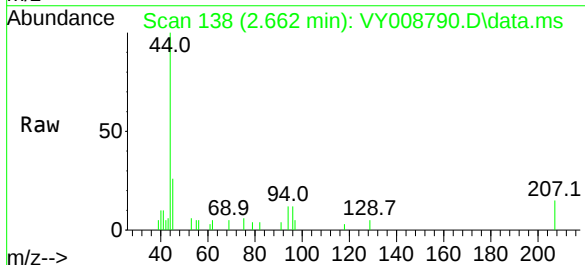
Instrument :
 MSVOA_Y
 ClientSampleId :

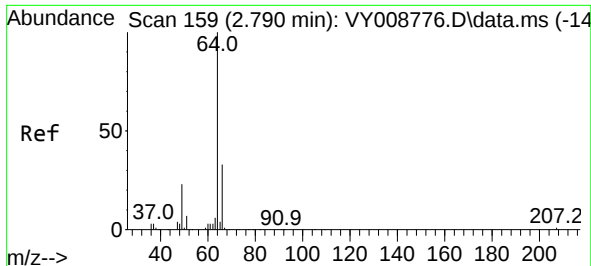
Tgt Ion: 62 Resp: 22
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.662 min Scan# 138
 Delta R.T. 0.019 min
 Lab File: VY008790.D
 Acq: 17 May 2022 22:38

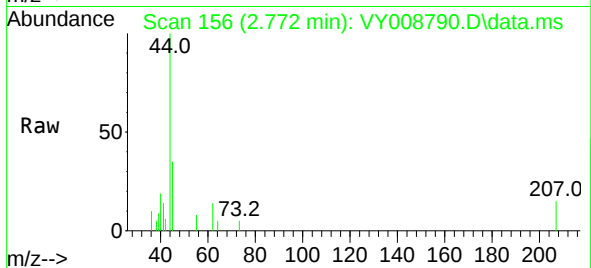
Tgt Ion: 94 Resp: 185
 Ion Ratio Lower Upper
 94 100
 96 75.7 73.5 110.3



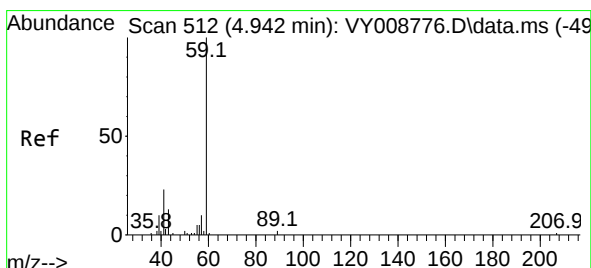
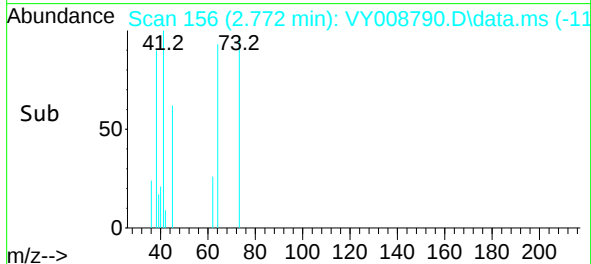
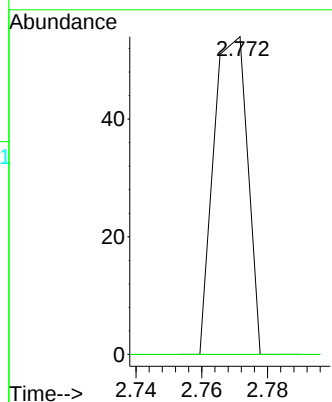


#6
Chloroethane
Concen: Below Cal
RT: 2.772 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY008790.D
Acq: 17 May 2022 22:38

Instrument :
MSVOA_Y
ClientSampleId :

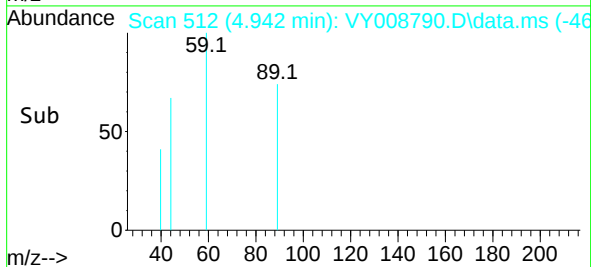
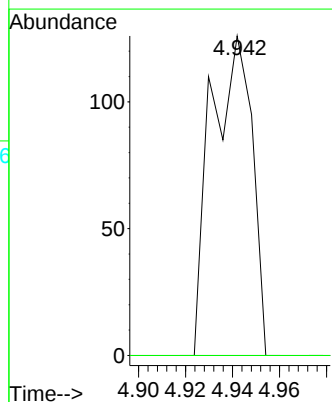
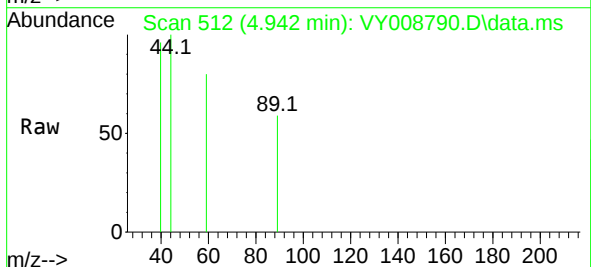


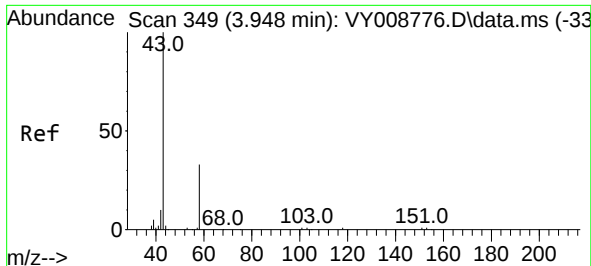
Tgt Ion: 64 Resp: 38
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 1.504 ug/l
RT: 4.942 min Scan# 512
Delta R.T. 0.000 min
Lab File: VY008790.D
Acq: 17 May 2022 22:38

Tgt Ion: 59 Resp: 152
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

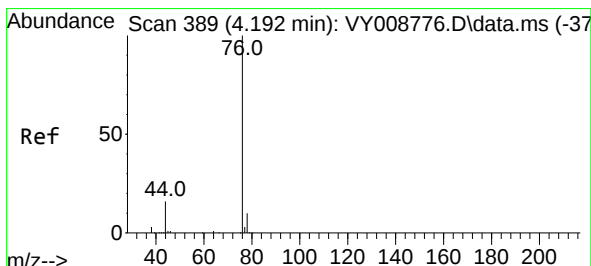
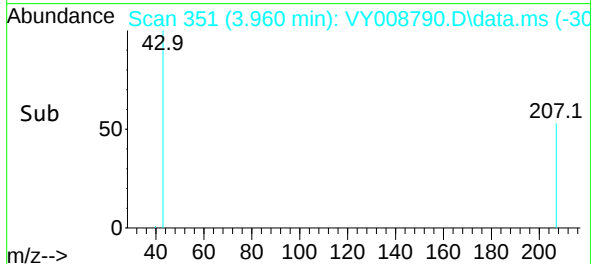
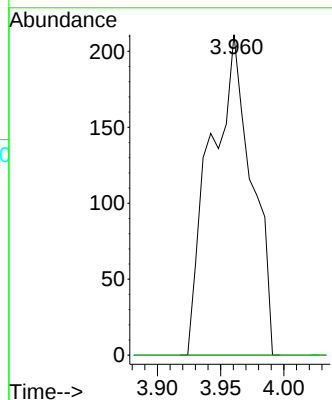
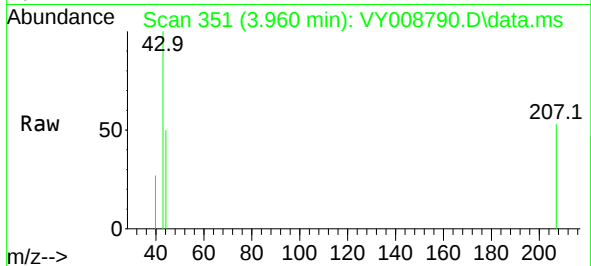




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY008790.D
Acq: 17 May 2022 22:38

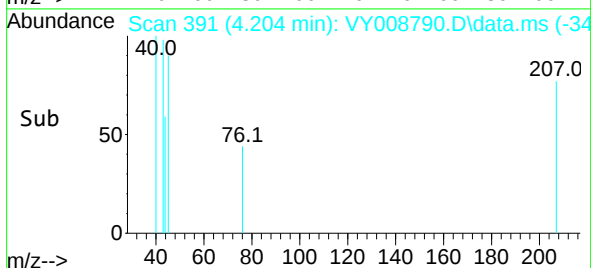
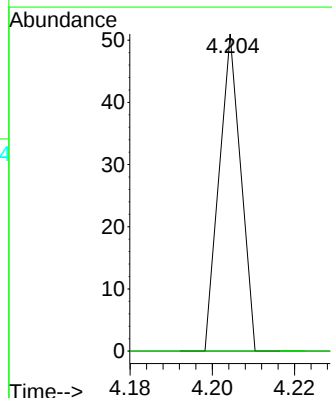
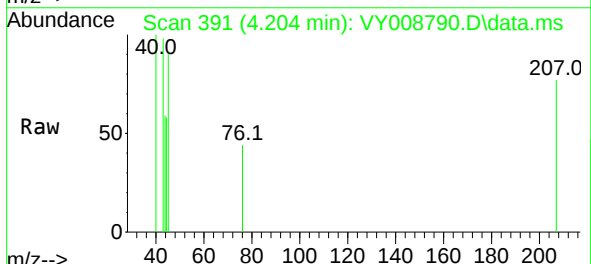
Instrument :
MSVOA_Y
ClientSampleId :

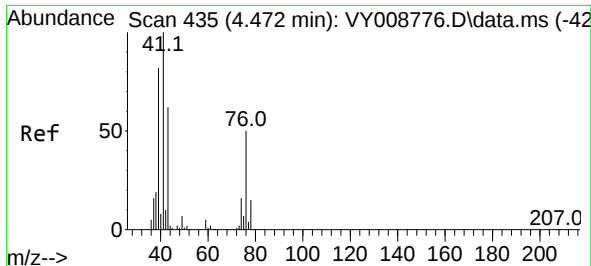
Tgt Ion: 43 Resp: 478
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY008790.D
Acq: 17 May 2022 22:38

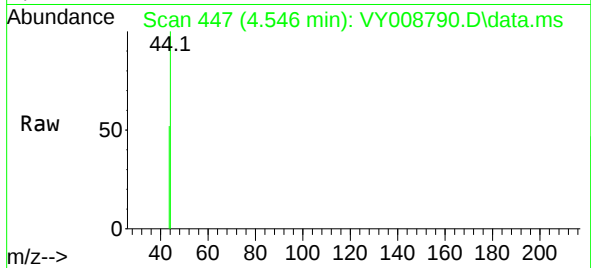
Tgt Ion: 76 Resp: 19
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



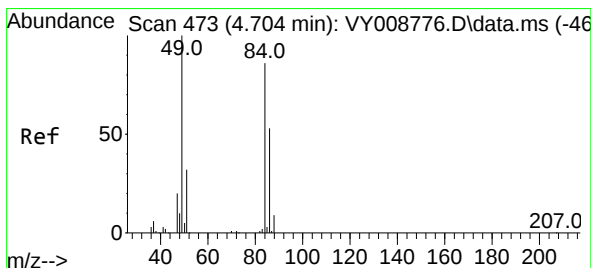
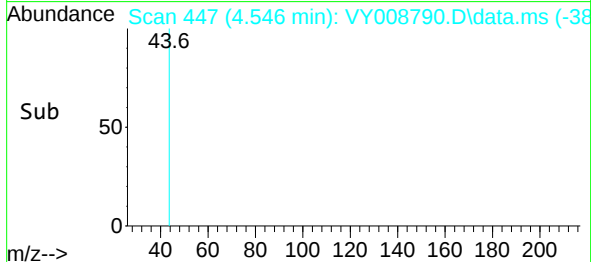
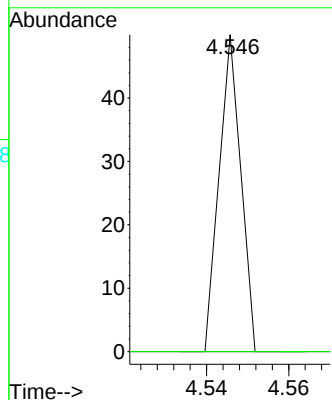


#18
Methyl Acetate
Concen: Below Cal
RT: 4.546 min Scan# 44
Delta R.T. 0.074 min
Lab File: VY008790.D
Acq: 17 May 2022 22:38

Instrument :
MSVOA_Y
ClientSampleId :

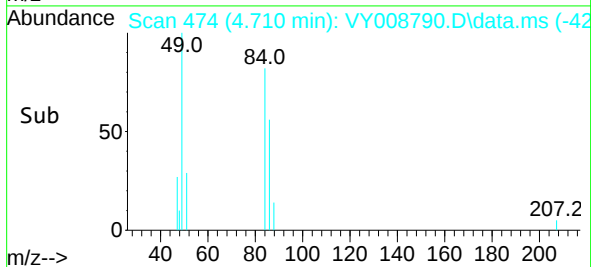
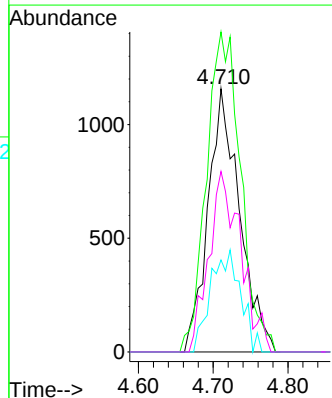
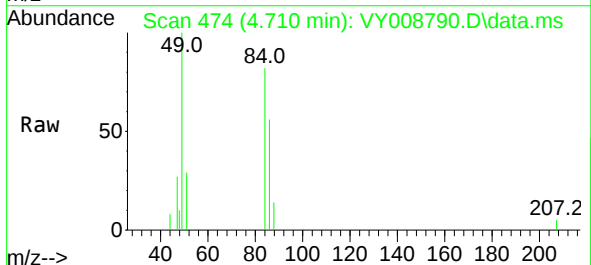


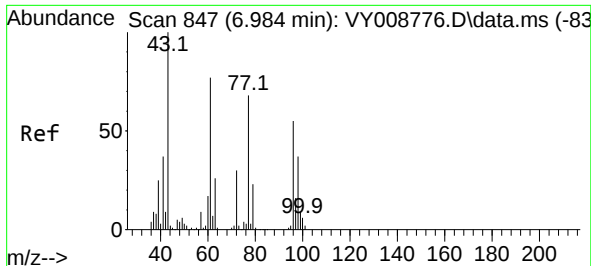
Tgt Ion: 43 Resp: 18
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY008790.D
Acq: 17 May 2022 22:38

Tgt Ion: 84 Resp: 3404
Ion Ratio Lower Upper
84 100
49 121.6 114.4 171.6
51 35.0 35.3 52.9#
86 68.6 53.7 80.5





#25

2-Butanone

Concen: 2.158 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

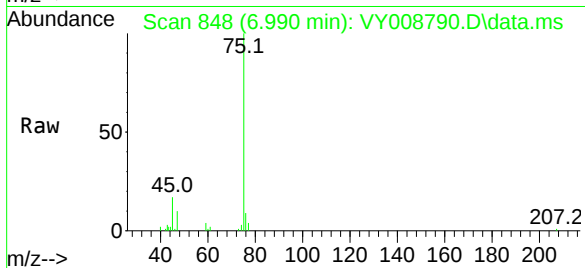
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Acq: 17 May 2022 22:38

Instrument :

MSVOA_Y

ClientSampleId :

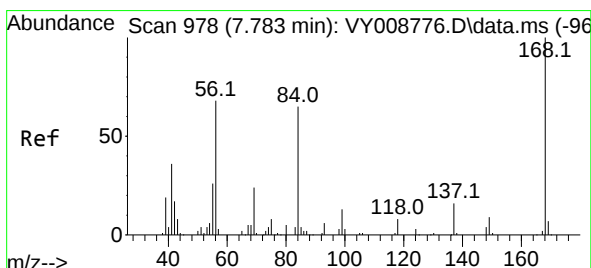
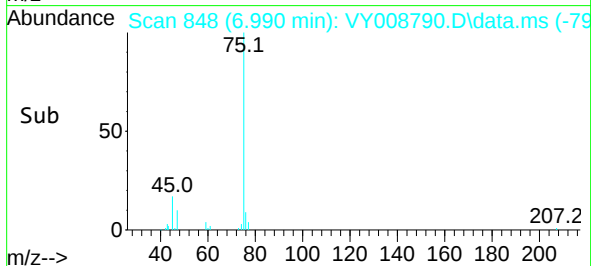
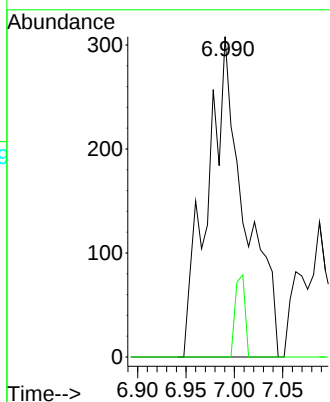


Tgt Ion: 43 Resp: 828

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: Below Cal

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY008790.D

Acq: 17 May 2022 22:38

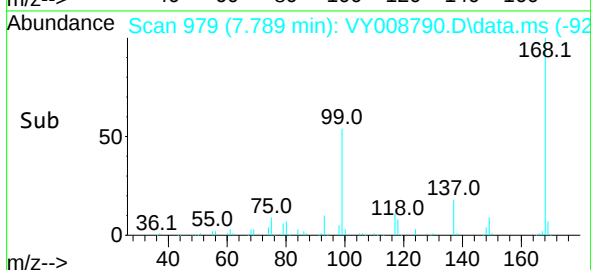
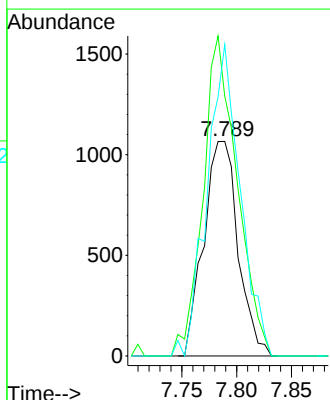
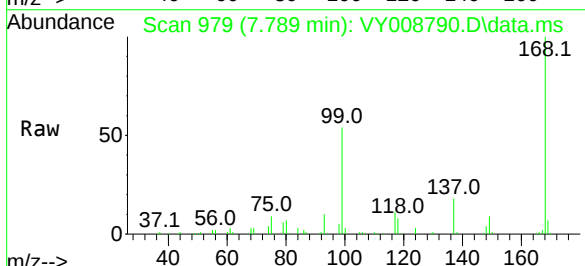
Tgt Ion: 56 Resp: 2320

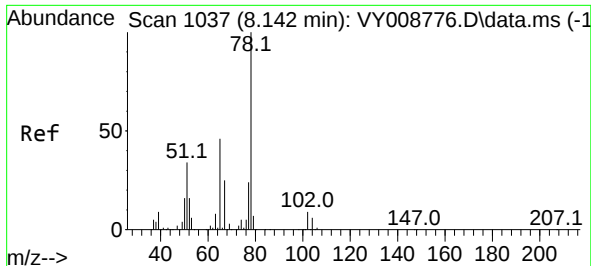
Ion Ratio Lower Upper

56 100

69 121.1 26.7 40.1#

84 145.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 65.159 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY008790.D

Acq: 17 May 2022 22:38

Instrument :

MSVOA_Y

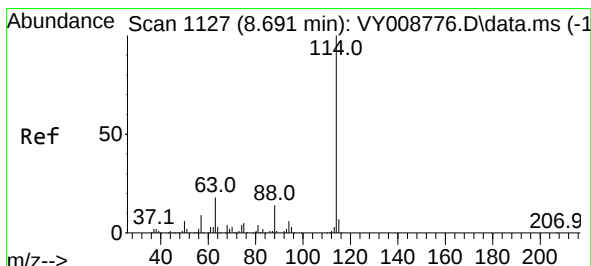
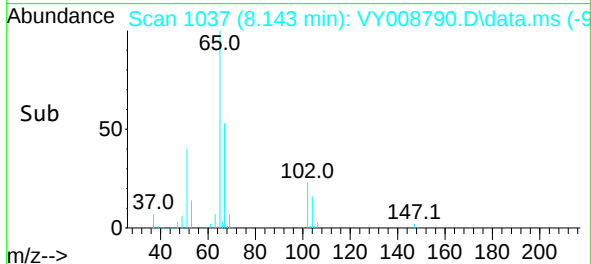
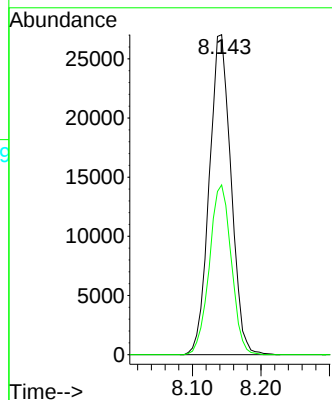
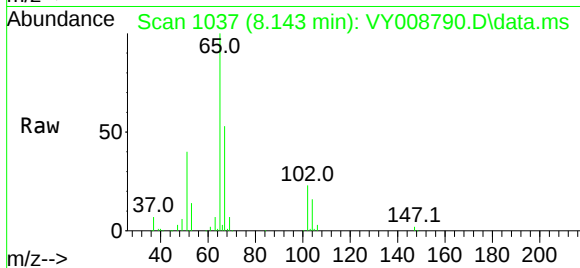
ClientSampleId :

Tgt Ion: 65 Resp: 59588

Ion Ratio Lower Upper

65 100

67 53.5 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: VY008790.D

Acq: 17 May 2022 22:38

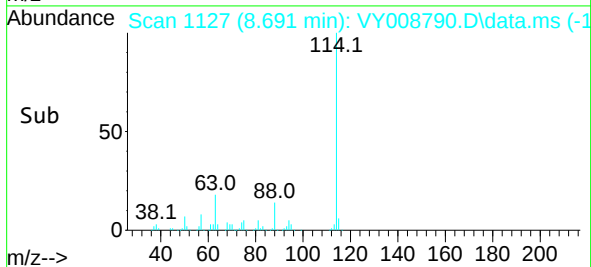
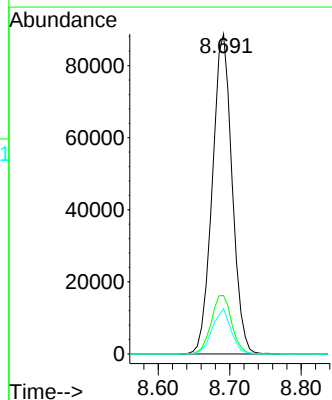
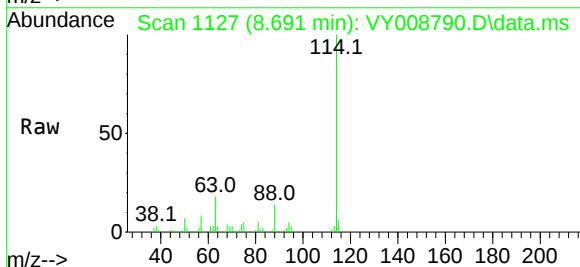
Tgt Ion: 114 Resp: 170084

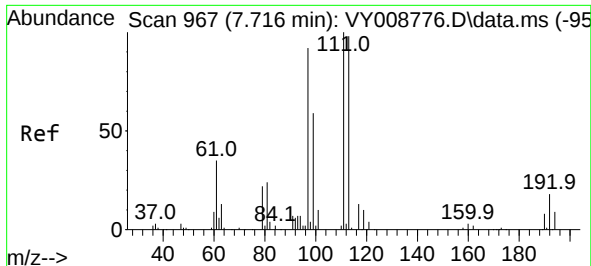
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

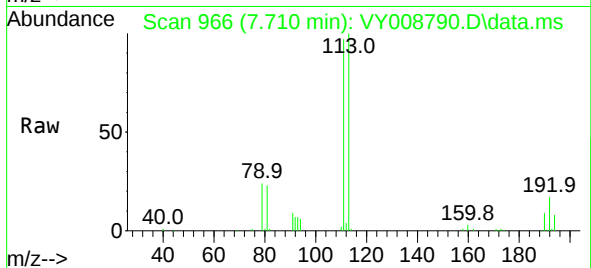
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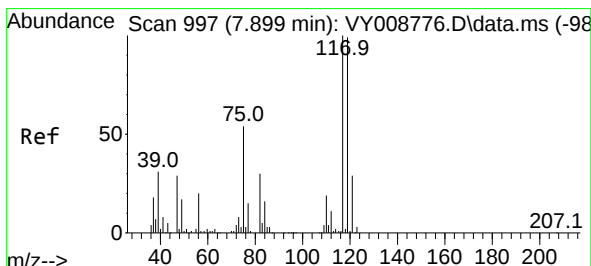
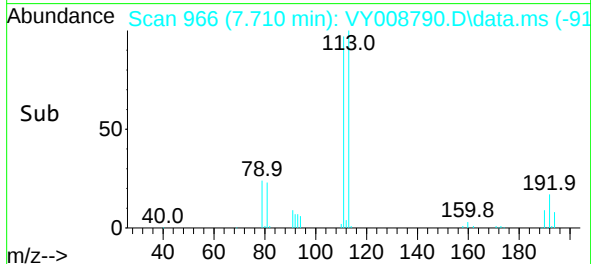
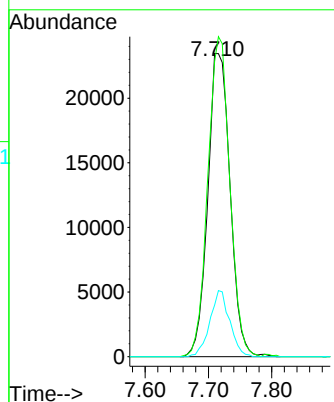


#35
 Dibromofluoromethane
 Concen: 57.948 ug/l
 RT: 7.710 min Scan# 910
 Delta R.T. -0.006 min
 Lab File: VY008790.D
 Acq: 17 May 2022 22:38

Instrument :
 MSVOA_Y
 ClientSampleId :

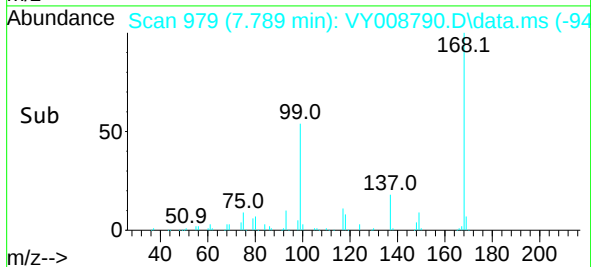
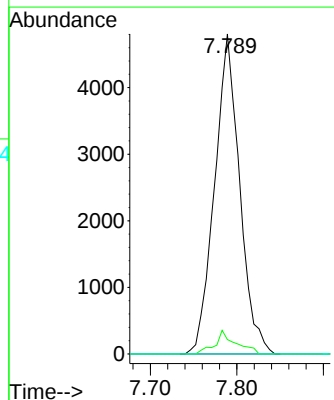
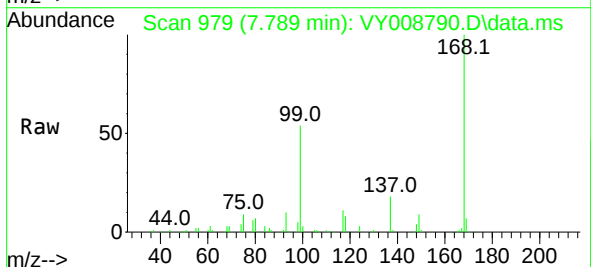


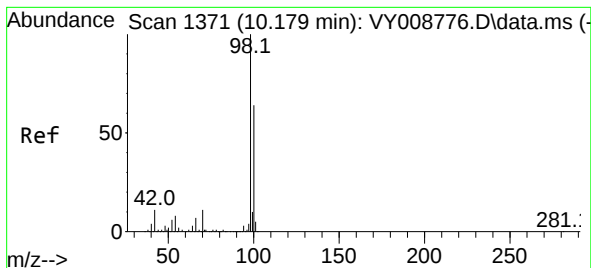
Tgt Ion:	113	Resp:	57587
Ion Ratio	Lower	Upper	
113	100		
111	103.5	82.6	124.0
192	19.3	17.6	26.4



#38
 Carbon Tetrachloride
 Concen: 5.654 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY008790.D
 Acq: 17 May 2022 22:38

Tgt Ion:	117	Resp:	9645
Ion Ratio	Lower	Upper	
117	100		
119	4.5	77.9	116.9#
121	0.0	24.8	37.2#

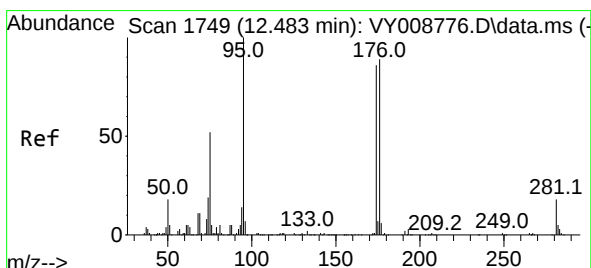
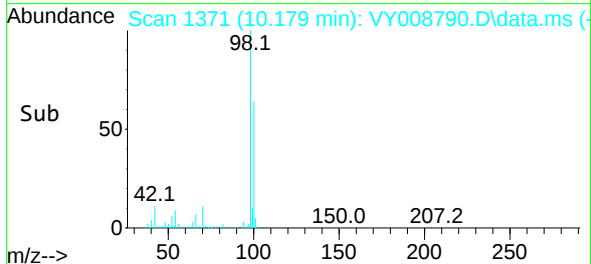
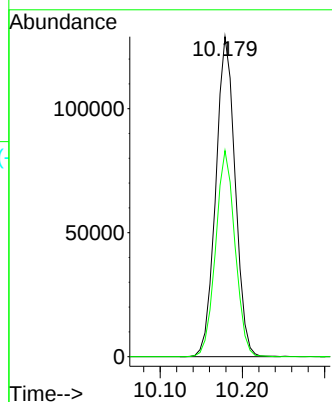
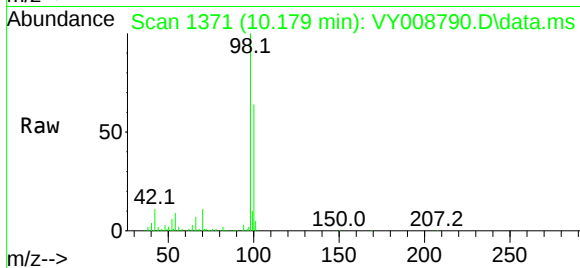




#50
Toluene-d8
Concen: 48.041 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008790.D
Acq: 17 May 2022 22:38

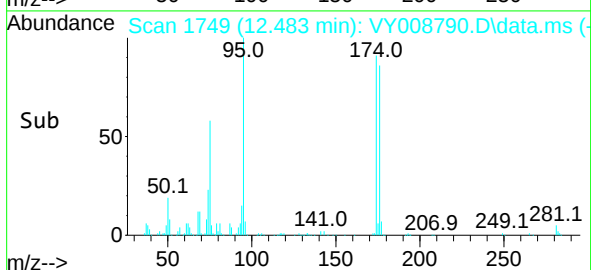
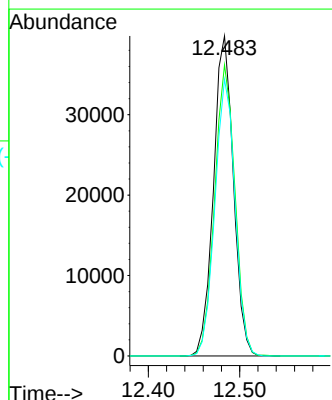
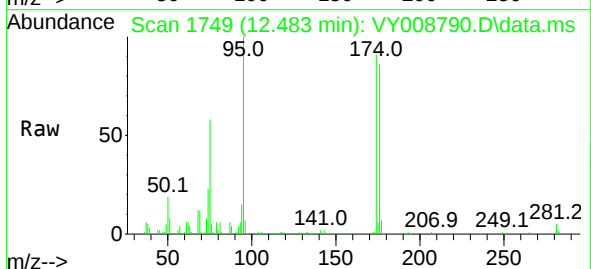
Instrument :
MSVOA_Y
ClientSampleId :

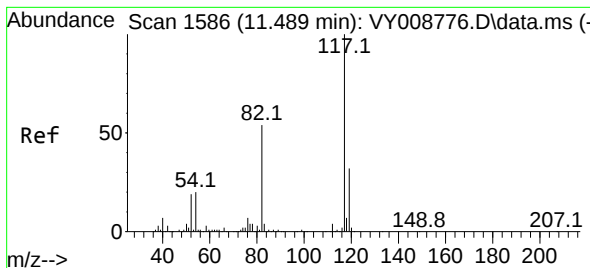
Tgt Ion: 98 Resp: 211625
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.994 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008790.D
Acq: 17 May 2022 22:38

Tgt Ion: 95 Resp: 60169
Ion Ratio Lower Upper
95 100
174 92.7 0.0 177.0
176 87.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

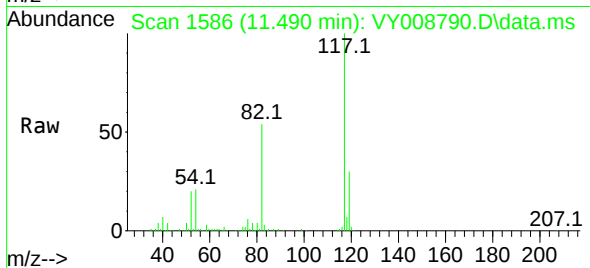
Lab File: VY008790.D

Acq: 17 May 2022 22:38

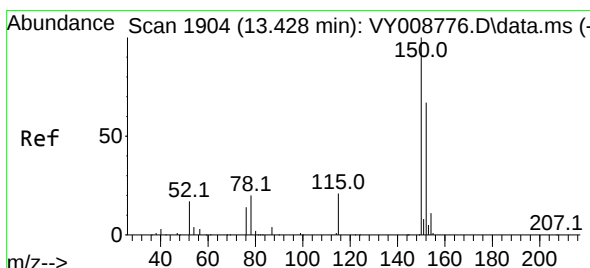
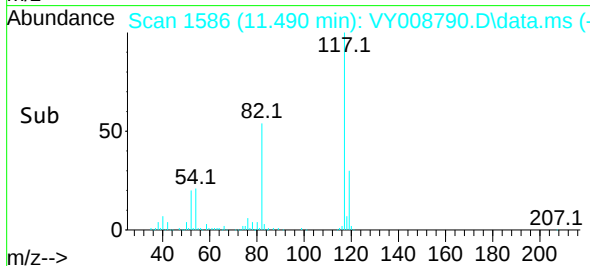
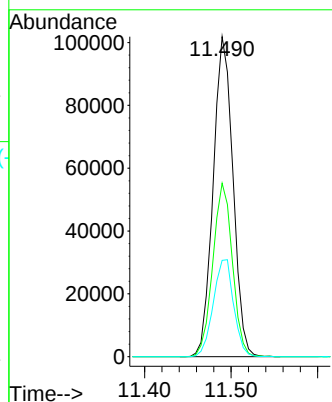
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	117	Resp:	161754
Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.0	64.4
119	30.1	25.4	38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

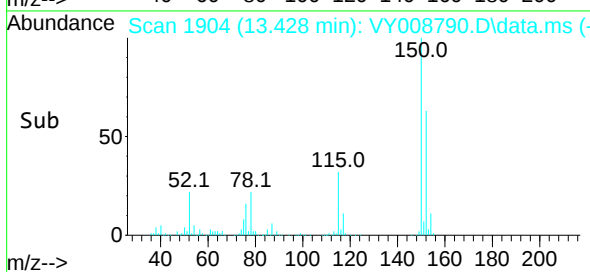
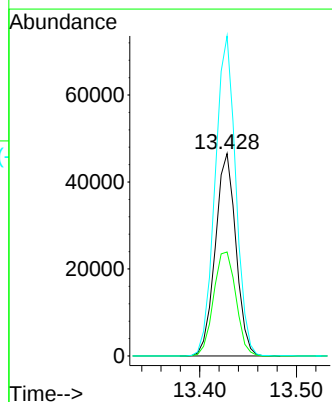
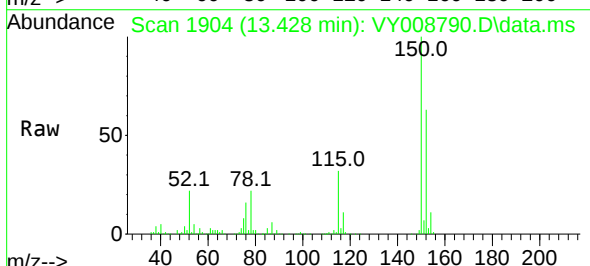
RT: 13.428 min Scan# 1904

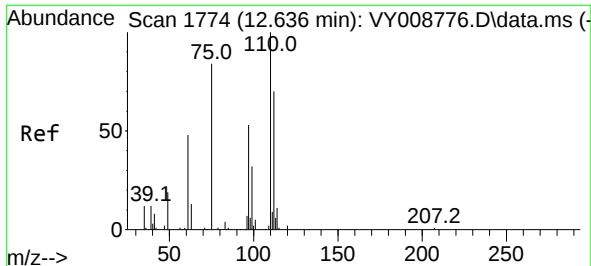
Delta R.T. 0.000 min

Lab File: VY008790.D

Acq: 17 May 2022 22:38

Tgt Ion:	152	Resp:	68920
Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.2	84.7
150	158.1	0.0	347.6

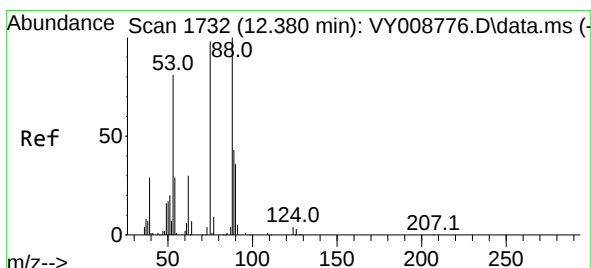
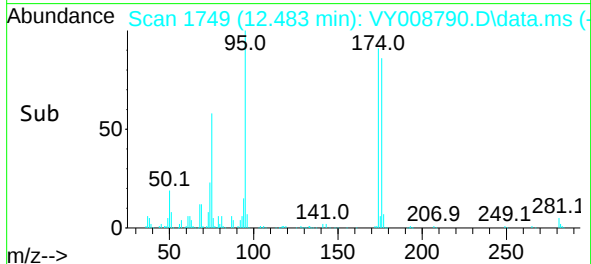
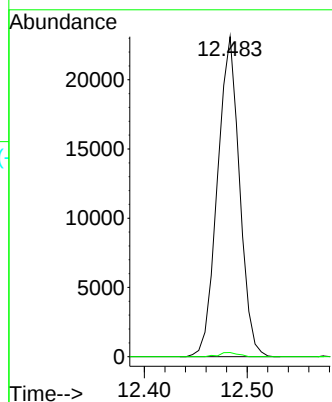
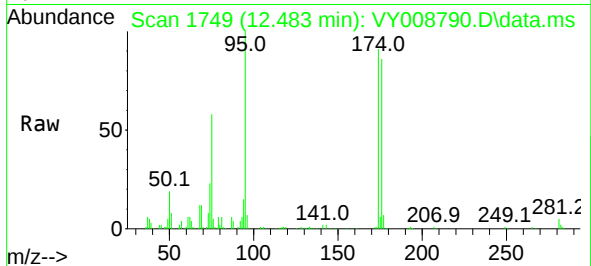




#76
1,2,3-Trichloropropane
Concen: 43.222 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008790.D
Acq: 17 May 2022 22:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 34410
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.539 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008790.D
Acq: 17 May 2022 22:38

Tgt Ion: 75 Resp: 34410
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

