

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007784.D
 Acq On : 08 Mar 2022 16:51
 Operator : SY/MD
 Sample : N1806-09
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 09 00:27:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

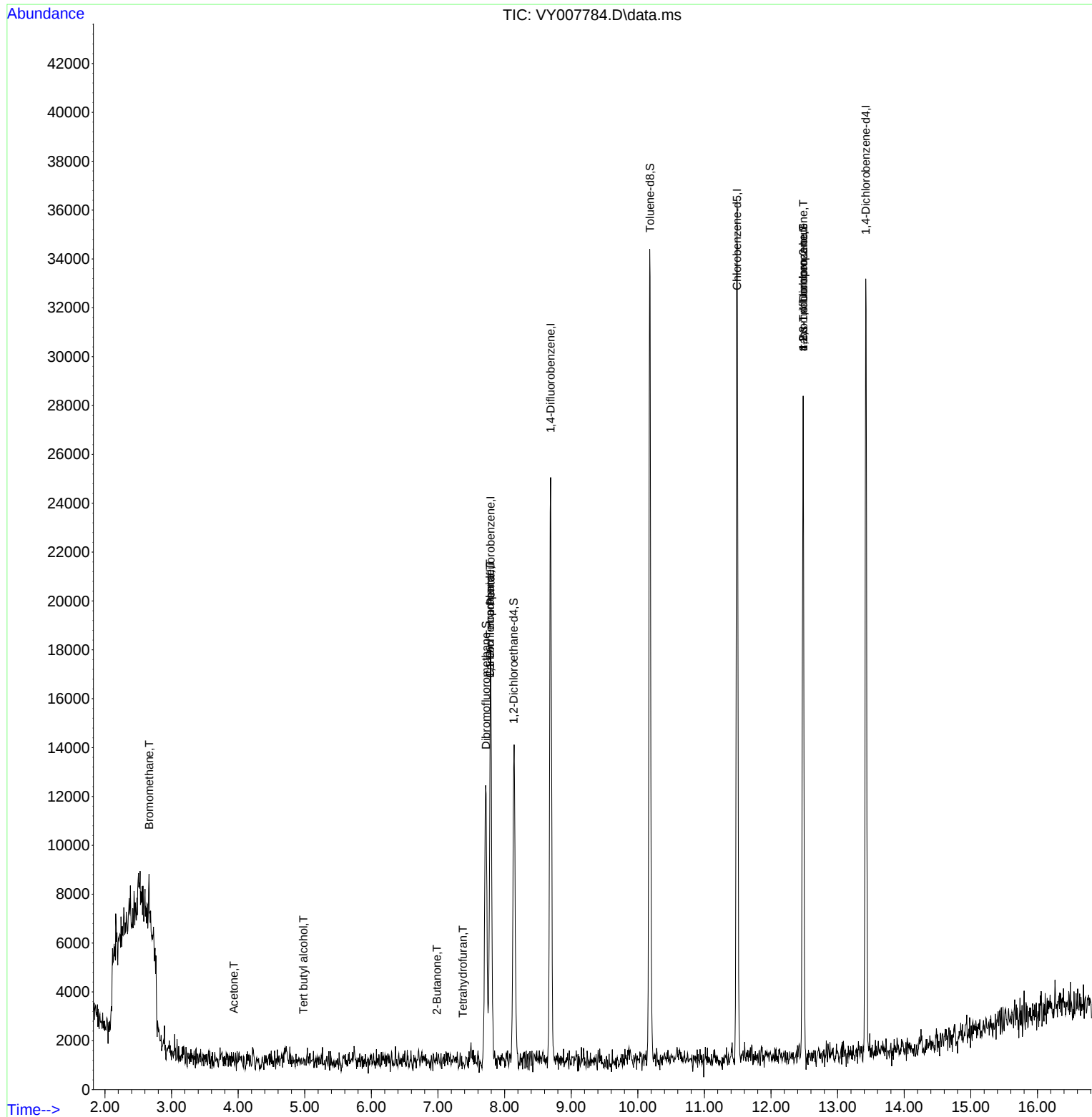
Internal Standards						
1) Pentafluorobenzene	7.789	168	12276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	19886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	19120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	7521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	10351	80.541	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 161.080%	
35) Dibromofluoromethane	7.722	113	7434	58.472	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.940%	
50) Toluene-d8	10.185	98	22684	48.470	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.940%	
62) 4-Bromofluorobenzene	12.483	95	7024	46.561	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.016	85	19	Below Cal	#	43
3) Chloromethane	2.107	50	455	Below Cal	#	85
5) Bromomethane	2.662	94	275	1.848	ug/l #	6
11) Tert butyl alcohol	4.978	59	27	2.427	ug/l #	77
13) Acrolein	3.771	56	23	Below Cal	#	14
16) Acetone	3.936	43	127	4.858	ug/l #	47
17) Carbon Disulfide	4.216	76	49	Below Cal	#	75
18) Methyl Acetate	4.466	43	19	Below Cal	#	56
20) Methylene Chloride	4.704	84	323	Below Cal	#	41
25) 2-Butanone	6.984	43	46	1.049	ug/l #	54
29) Tetrahydrofuran	7.374	42	46	1.533	ug/l #	38
31) Cyclohexane	7.789	56	184	Below Cal	#	3
36) 1,1-Dichloropropene	7.783	75	1232	6.160	ug/l #	44
38) Carbon Tetrachloride	7.783	117	1227	5.751	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	3935	46.850	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3935	95.778	ug/l #	8

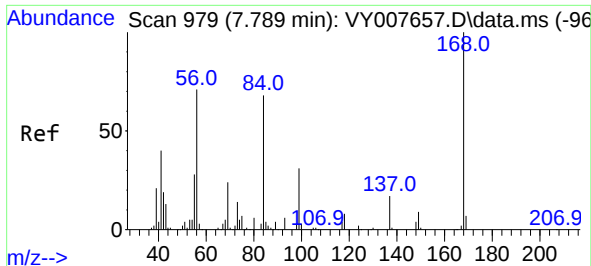
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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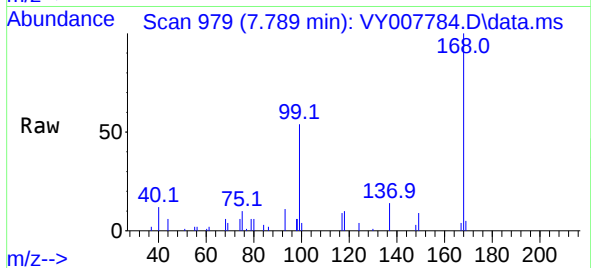
Quant Time: Mar 09 00:27:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration



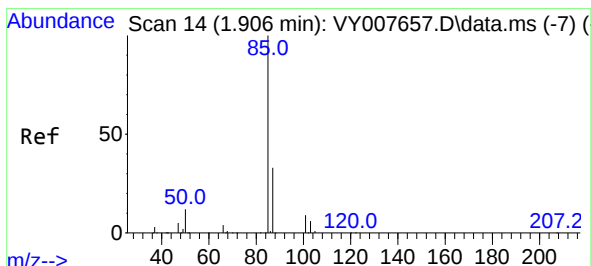
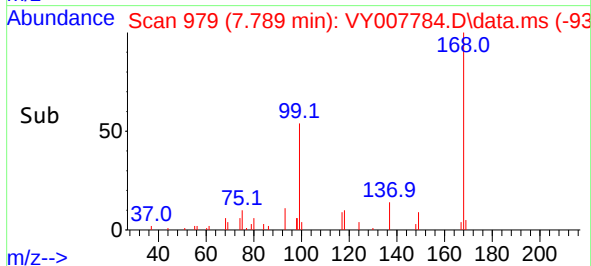
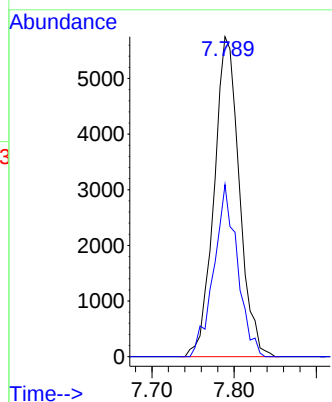


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007784.D
Acq: 08 Mar 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :

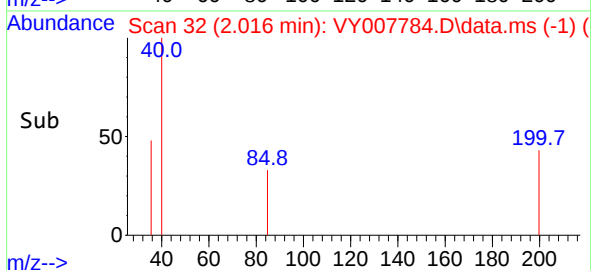
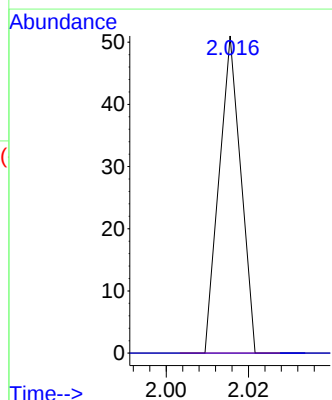
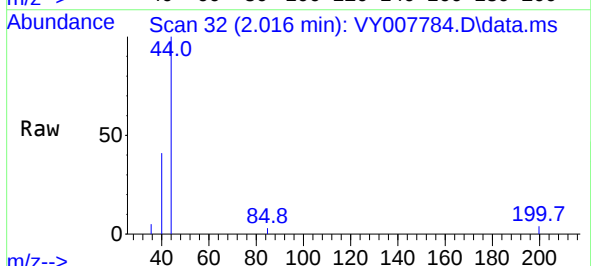


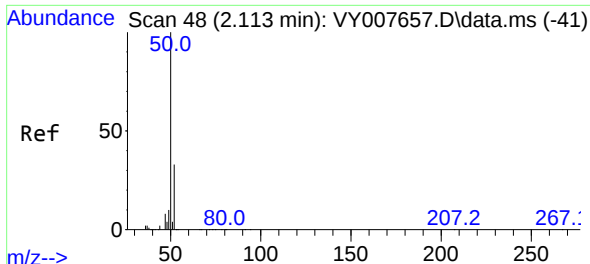
Tgt Ion:168 Resp: 12276
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.016 min Scan# 32
Delta R.T. 0.110 min
Lab File: VY007784.D
Acq: 08 Mar 2022 16:51

Tgt Ion: 85 Resp: 19
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

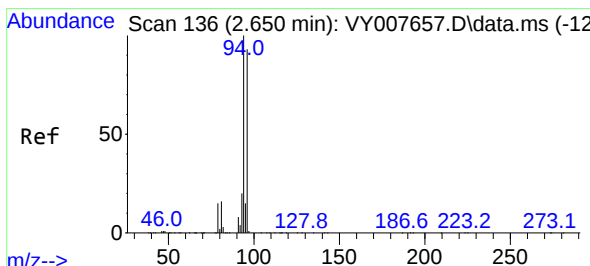
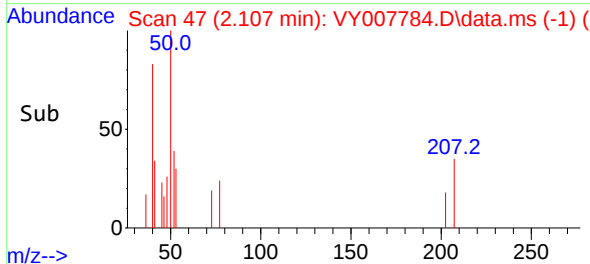
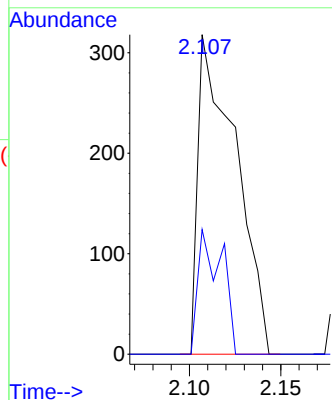
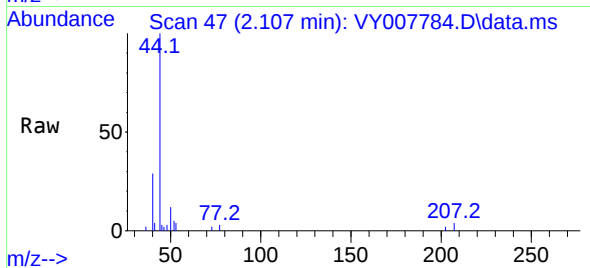




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007784.D
Acq: 08 Mar 2022 16:51

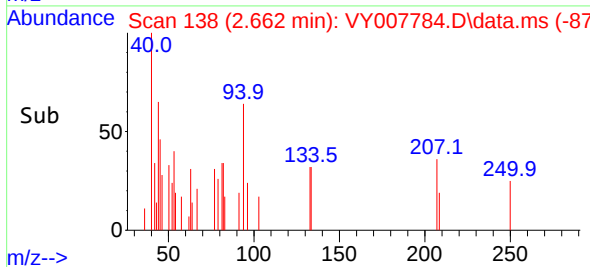
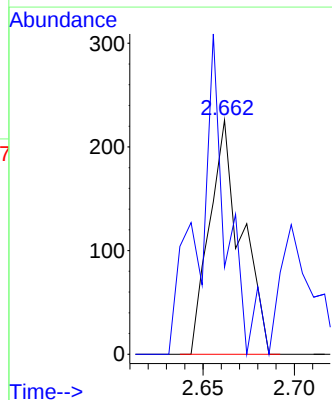
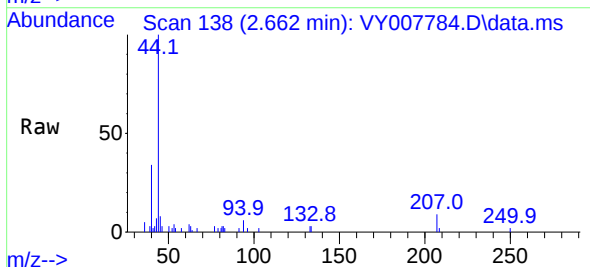
Instrument :
MSVOA_Y
ClientSampleId :

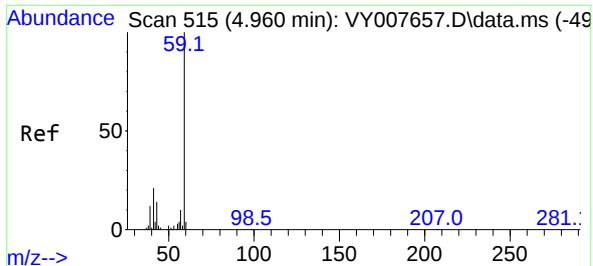
Tgt Ion: 50 Resp: 455
Ion Ratio Lower Upper
50 100
52 39.0 24.6 37.0#



#5
Bromomethane
Concen: 1.848 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY007784.D
Acq: 08 Mar 2022 16:51

Tgt Ion: 94 Resp: 275
Ion Ratio Lower Upper
94 100
96 2.2 73.5 110.3#

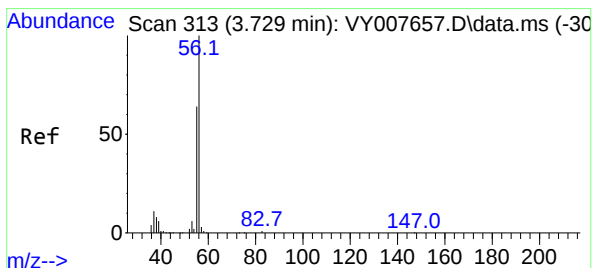
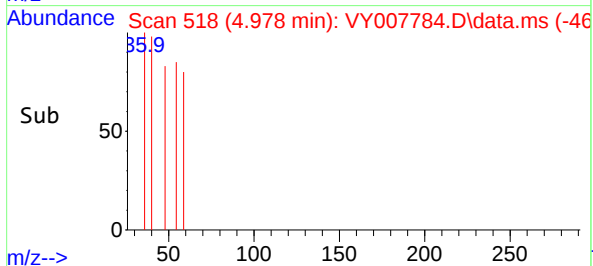
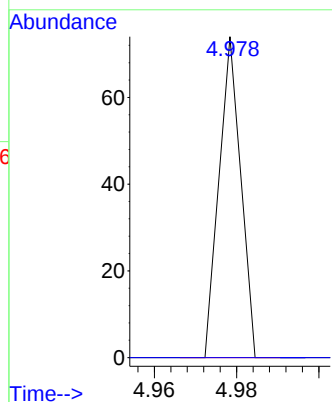
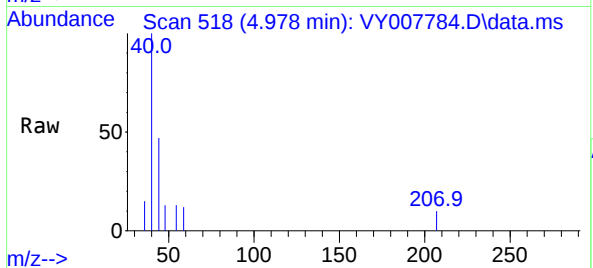




#11
Tert butyl alcohol
Concen: 2.427 ug/l
RT: 4.978 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY007784.D
Acq: 08 Mar 2022 16:51

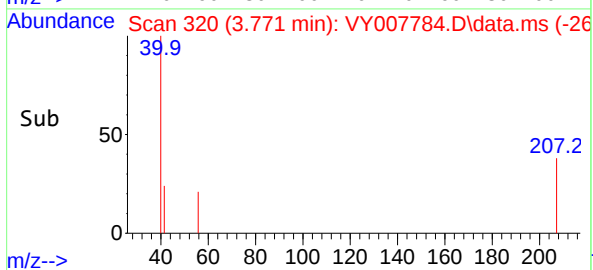
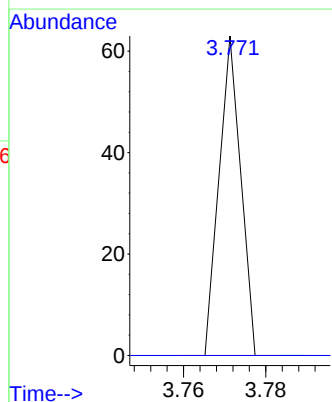
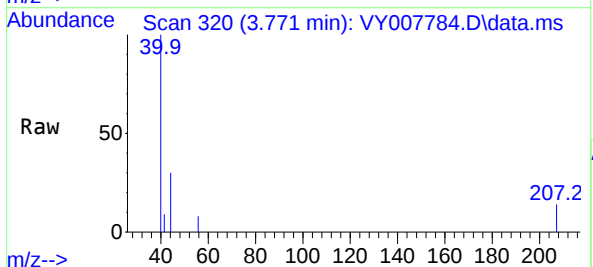
Instrument :
MSVOA_Y
ClientSampleId :

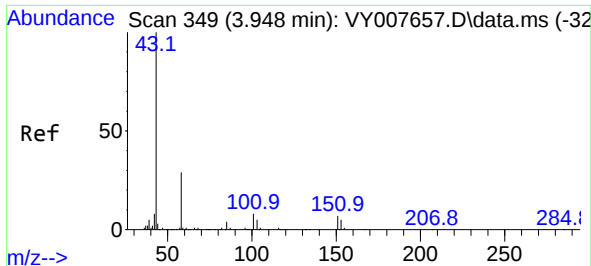
Tgt Ion: 59 Resp: 27
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#13
Acrolein
Concen: Below Cal
RT: 3.771 min Scan# 320
Delta R.T. 0.042 min
Lab File: VY007784.D
Acq: 08 Mar 2022 16:51

Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

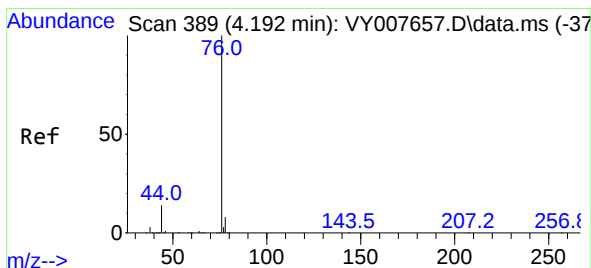
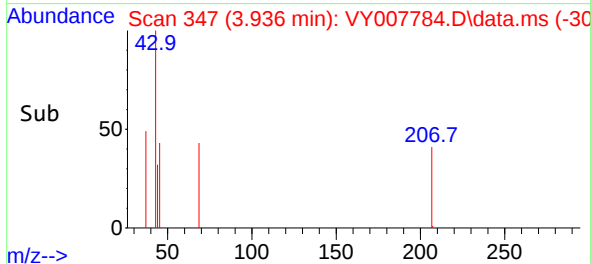
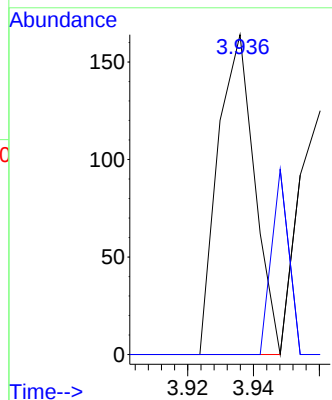
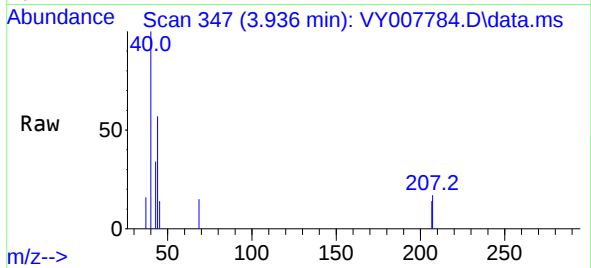




#16
Acetone
Concen: 4.858 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY007784.D
Acq: 08 Mar 2022 16:51

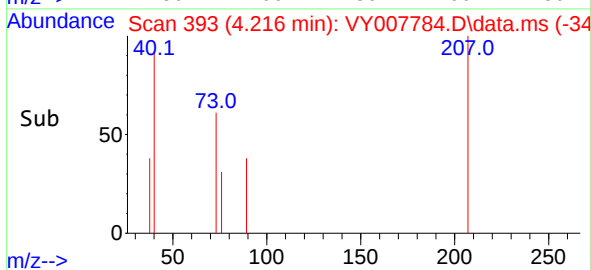
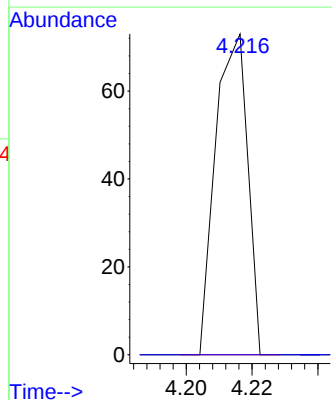
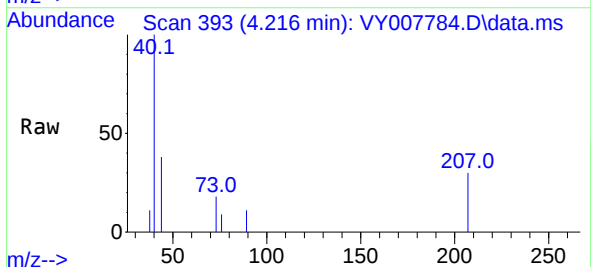
Instrument :
MSVOA_Y
ClientSampleId :

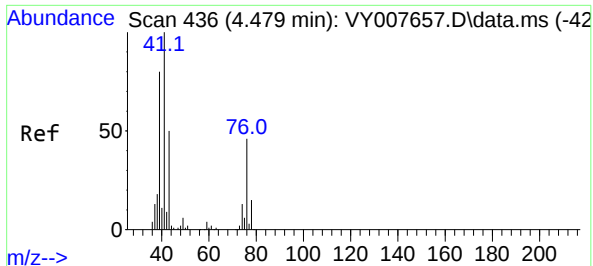
Tgt Ion: 43 Resp: 127
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.216 min Scan# 393
Delta R.T. 0.024 min
Lab File: VY007784.D
Acq: 08 Mar 2022 16:51

Tgt Ion: 76 Resp: 49
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

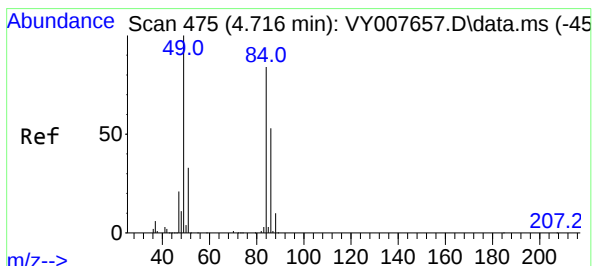
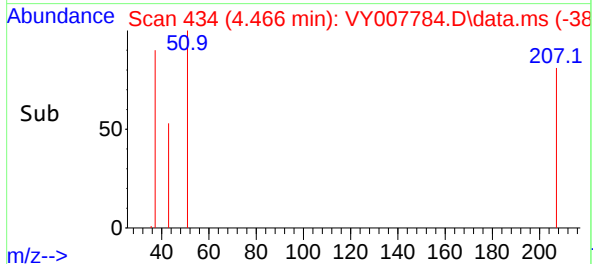
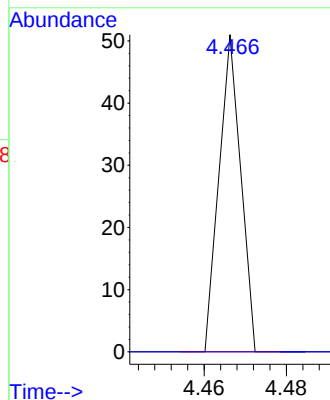
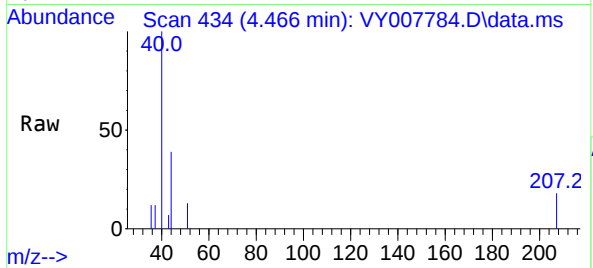




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY007784.D
Acq: 08 Mar 2022 16:51

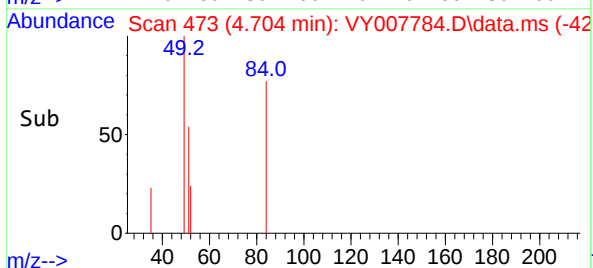
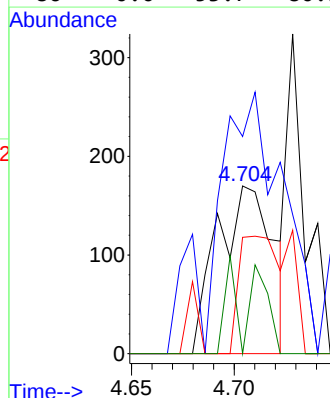
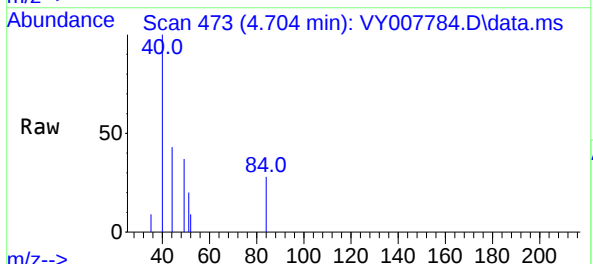
Instrument :
MSVOA_Y
ClientSampleId :

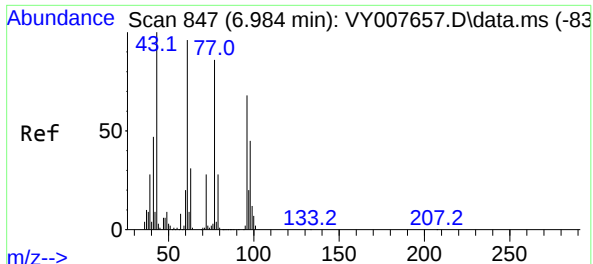
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY007784.D
Acq: 08 Mar 2022 16:51

Tgt Ion: 84 Resp: 323
Ion Ratio Lower Upper
84 100
49 77.1 114.4 171.6#
51 69.4 35.3 52.9#
86 0.0 53.7 80.5#

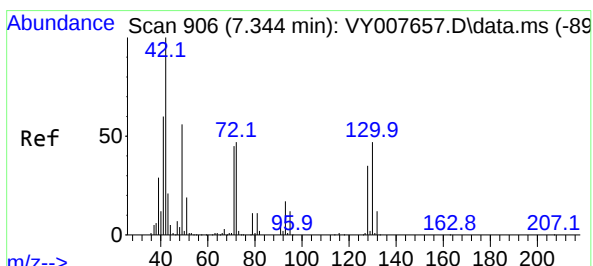
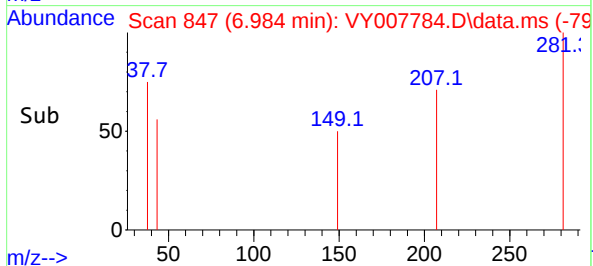
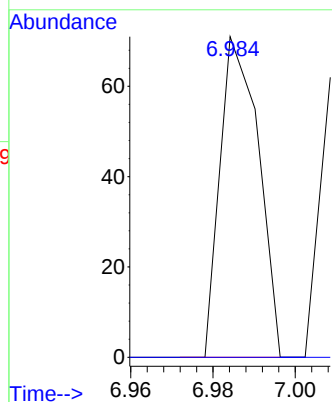
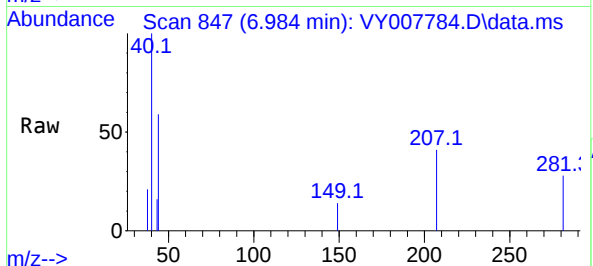




#25
2-Butanone
Concen: 1.049 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007784.D
Acq: 08 Mar 2022 16:51

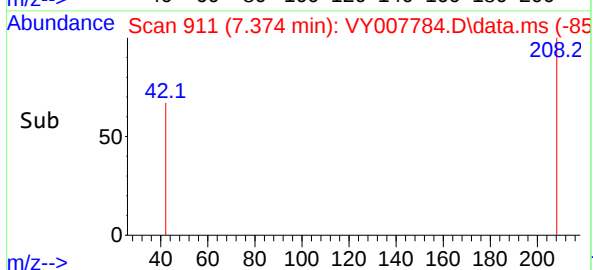
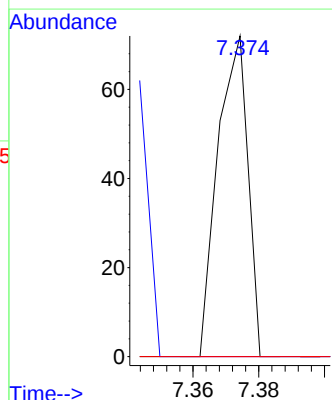
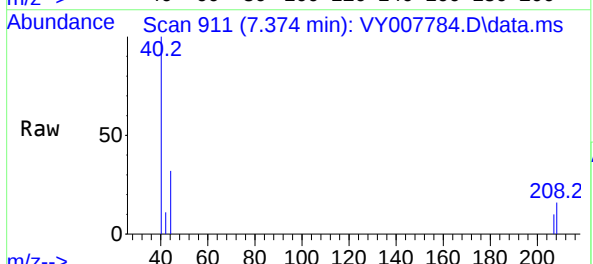
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MSVOA_Y
ClientSampleId :

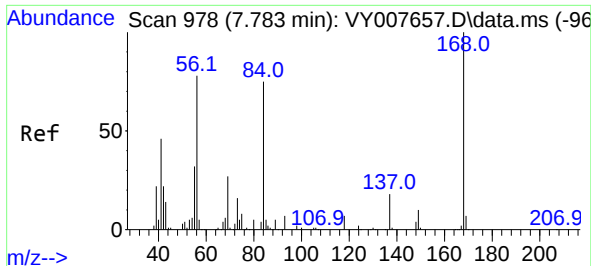
Tgt Ion: 43 Resp: 46
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#29
Tetrahydrofuran
Concen: 1.533 ug/l
RT: 7.374 min Scan# 911
Delta R.T. 0.030 min
Lab File: VY007784.D
Acq: 08 Mar 2022 16:51

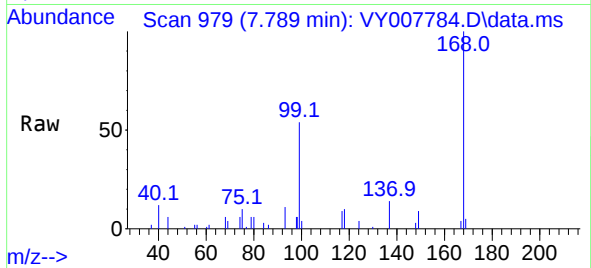
Tgt Ion: 42 Resp: 46
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 0.0 29.0 43.4#



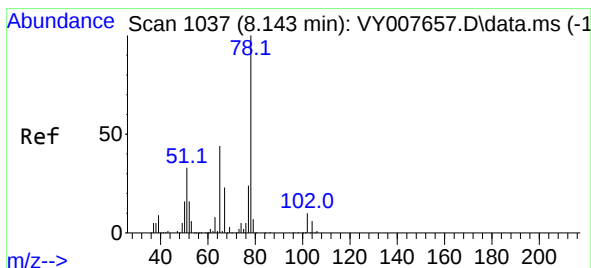
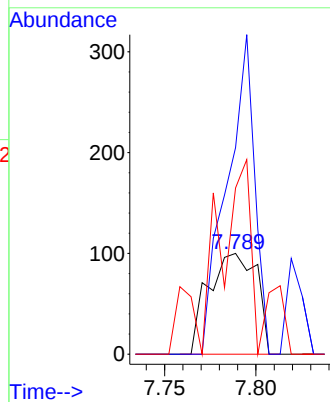
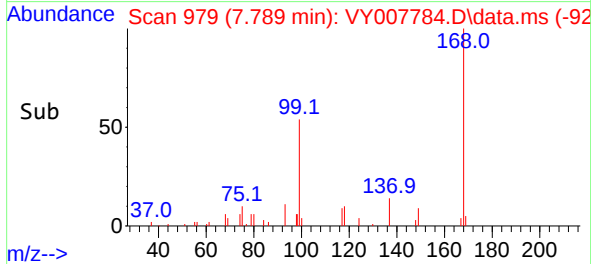


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007784.D
Acq: 08 Mar 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :

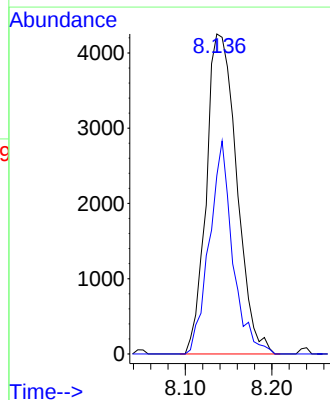
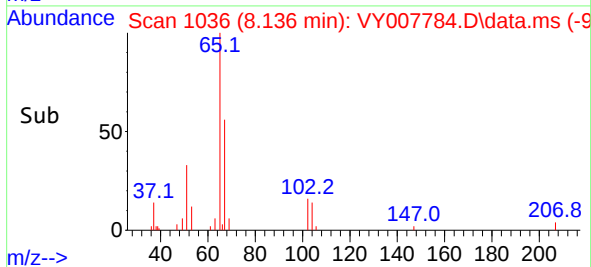
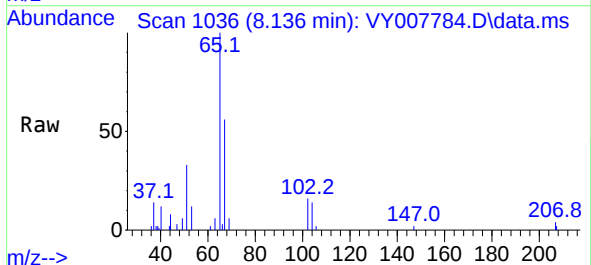


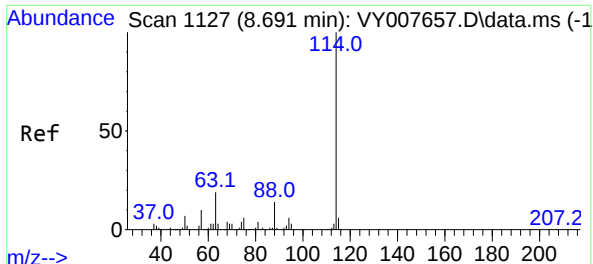
Tgt Ion: 56 Resp: 184
Ion Ratio Lower Upper
56 100
69 205.0 26.7 40.1#
84 98.0 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 80.541 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY007784.D
Acq: 08 Mar 2022 16:51

Tgt Ion: 65 Resp: 10351
Ion Ratio Lower Upper
65 100
67 51.4 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: VY007784.D

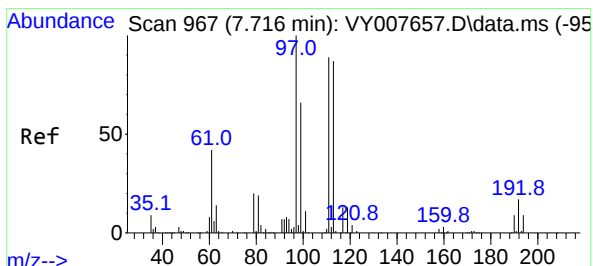
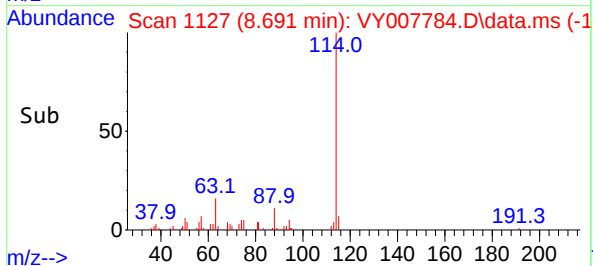
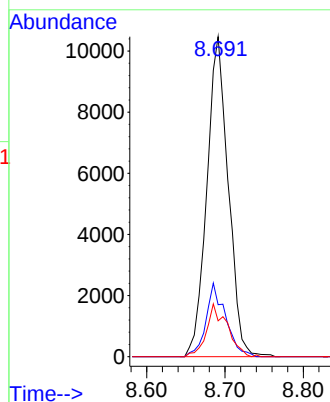
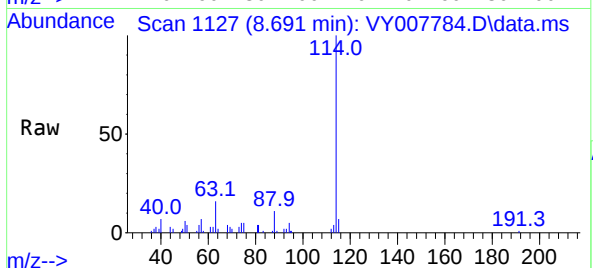
Acq: 08 Mar 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	19886
Ion	Ratio	Lower	Upper
114	100		
63	16.2	0.0	43.2
88	11.2	0.0	31.8



#35

Dibromofluoromethane

Concen: 58.472 ug/l

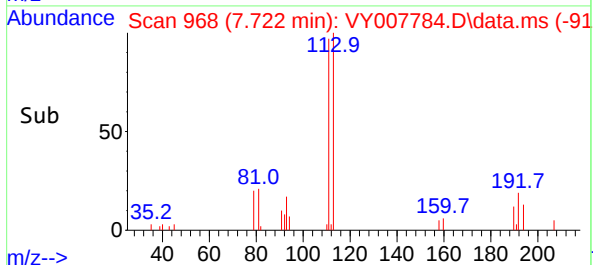
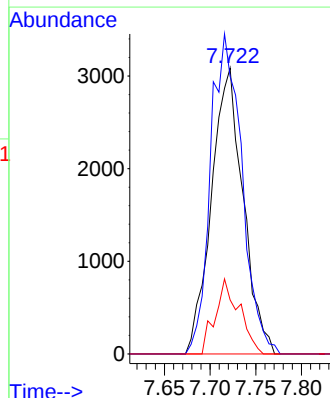
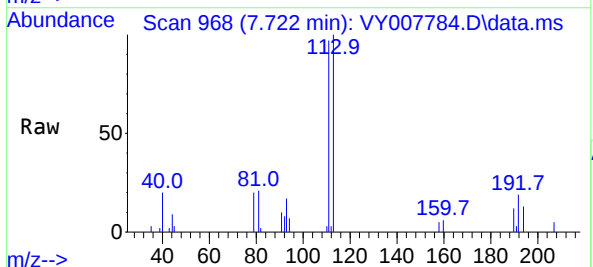
RT: 7.722 min Scan# 968

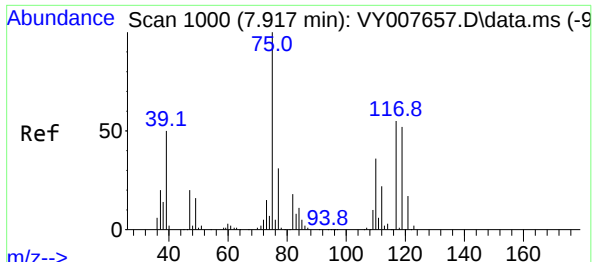
Delta R.T. 0.006 min

Lab File: VY007784.D

Acq: 08 Mar 2022 16:51

Tgt Ion:	113	Resp:	7434
Ion	Ratio	Lower	Upper
113	100		
111	110.4	82.6	124.0
192	20.0	17.6	26.4





#36

1,1-Dichloropropene

Concen: 6.160 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

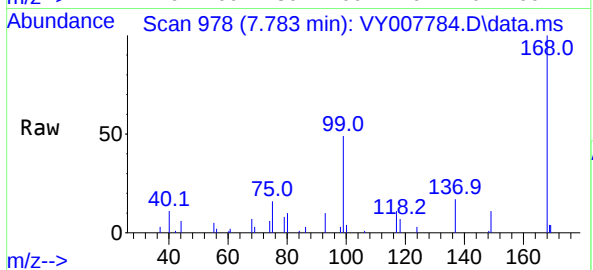
Lab File: VY007784.D

Acq: 08 Mar 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :



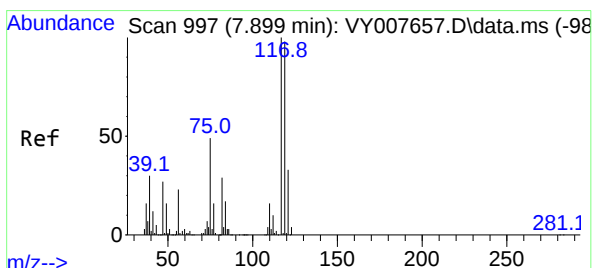
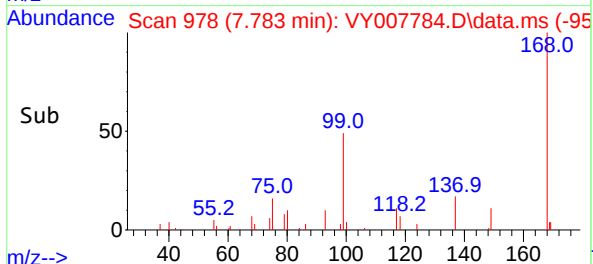
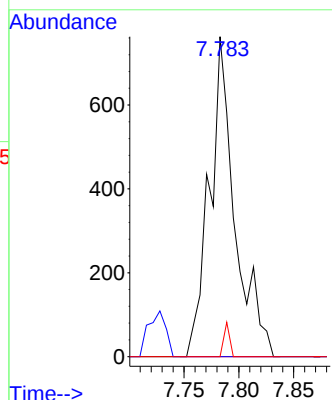
Tgt Ion: 75 Resp: 1232

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 2.4 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.751 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY007784.D

Acq: 08 Mar 2022 16:51

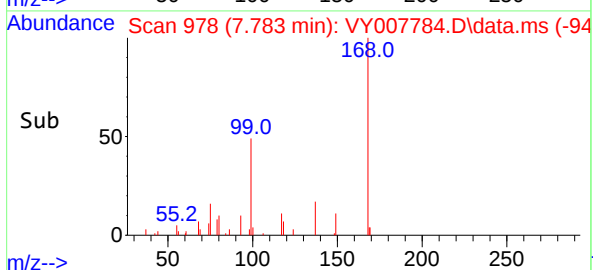
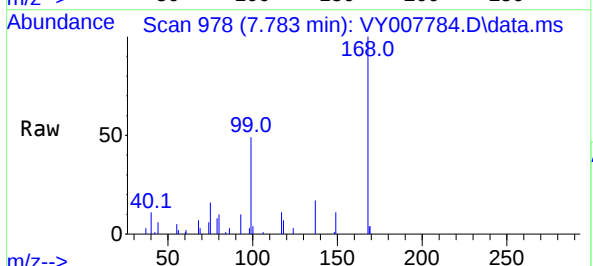
Tgt Ion: 117 Resp: 1227

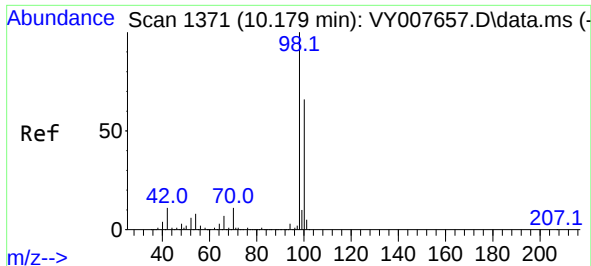
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

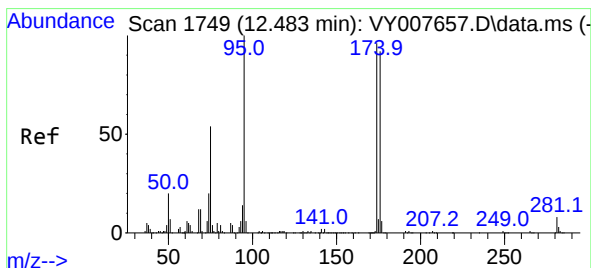
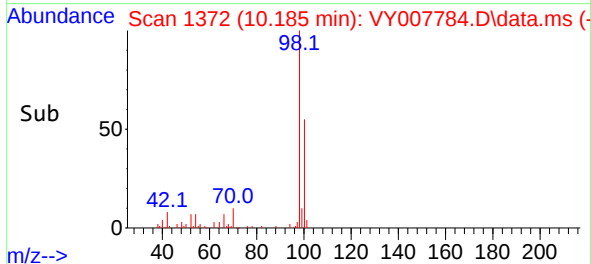
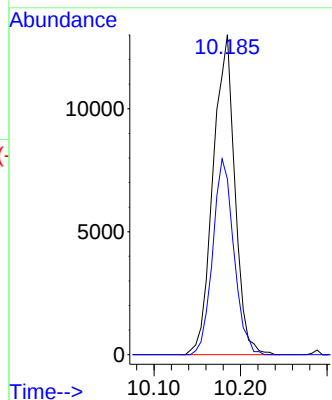
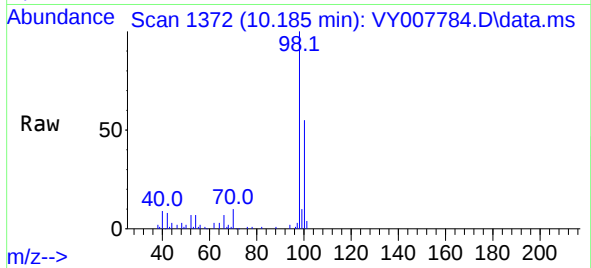




#50
Toluene-d8
Concen: 48.470 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007784.D
Acq: 08 Mar 2022 16:51

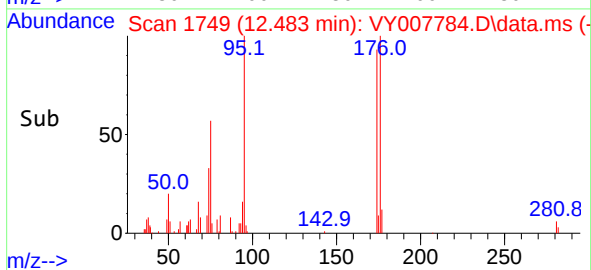
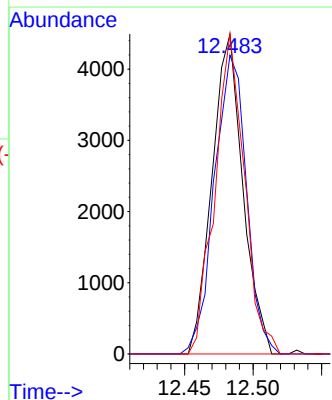
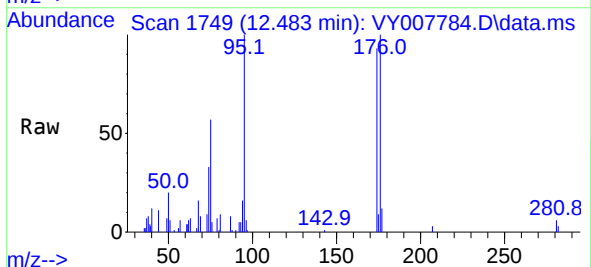
Instrument :
MSVOA_Y
ClientSampleId :

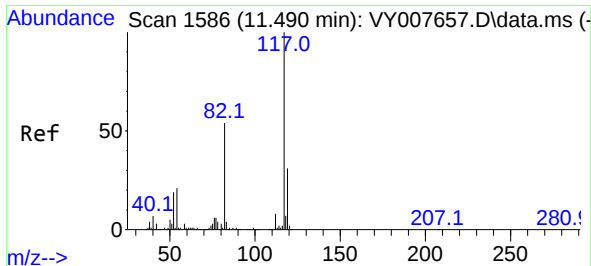
Tgt Ion: 98 Resp: 22684
Ion Ratio Lower Upper
98 100
100 59.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.561 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007784.D
Acq: 08 Mar 2022 16:51

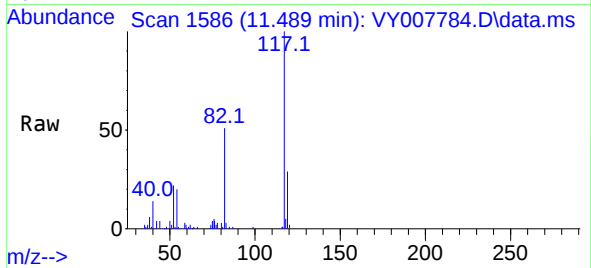
Tgt Ion: 95 Resp: 7024
Ion Ratio Lower Upper
95 100
174 97.1 0.0 177.0
176 96.1 0.0 175.8



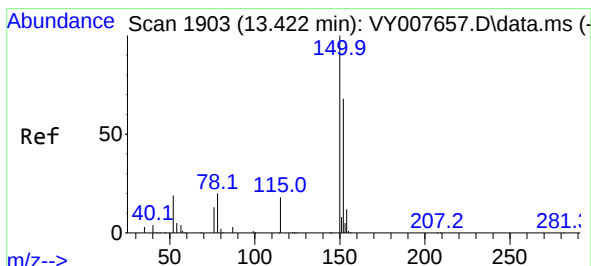
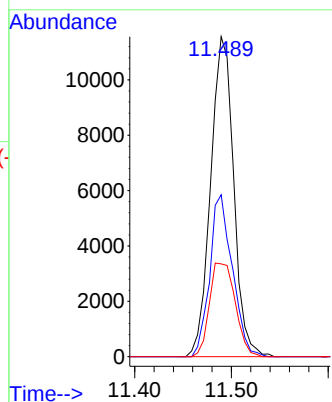
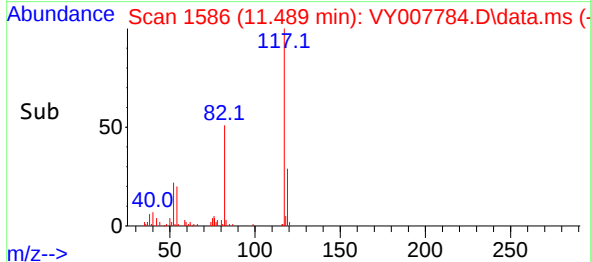


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007784.D
Acq: 08 Mar 2022 16:51

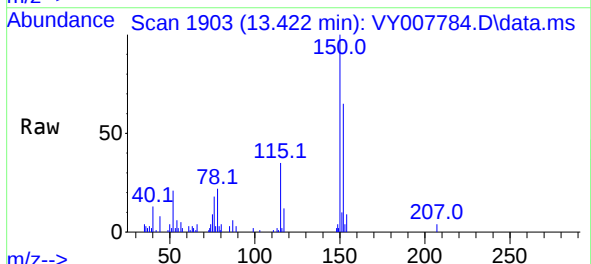
Instrument :
MSVOA_Y
ClientSampleId :



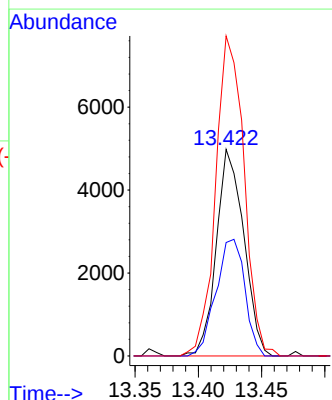
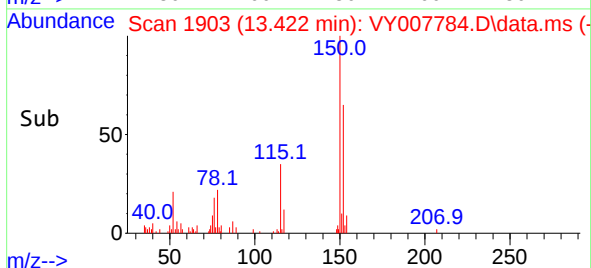
Tgt Ion:117 Resp: 19120
Ion Ratio Lower Upper
117 100
82 50.6 43.0 64.4
119 29.0 25.4 38.0

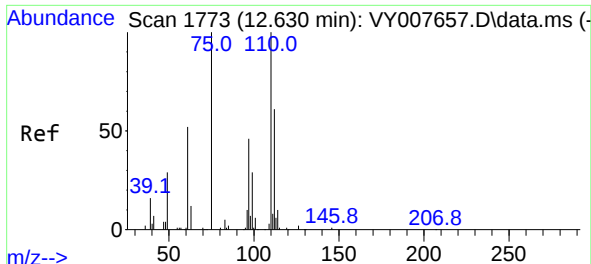


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007784.D
Acq: 08 Mar 2022 16:51



Tgt Ion:152 Resp: 7521
Ion Ratio Lower Upper
152 100
115 59.4 28.2 84.7
150 159.9 0.0 347.6

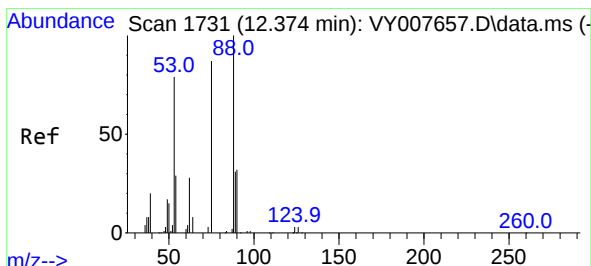
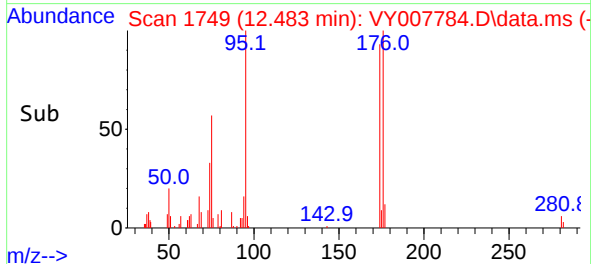
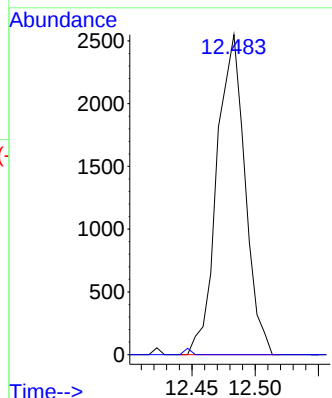
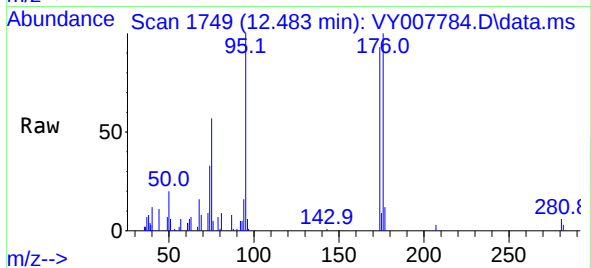




#76
1,2,3-Trichloropropane
Concen: 46.850 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007784.D
Acq: 08 Mar 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 3935
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 95.778 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007784.D
Acq: 08 Mar 2022 16:51

Tgt Ion: 75 Resp: 3935
Ion Ratio Lower Upper
75 100
53 0.6 85.3 127.9#
89 0.0 37.0 55.4#

