

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009271.D
 Acq On : 22 Jun 2022 14:01
 Operator : KP/MD
 Sample : N3412-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-7-062022

Quant Time: Jun 23 01:54:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

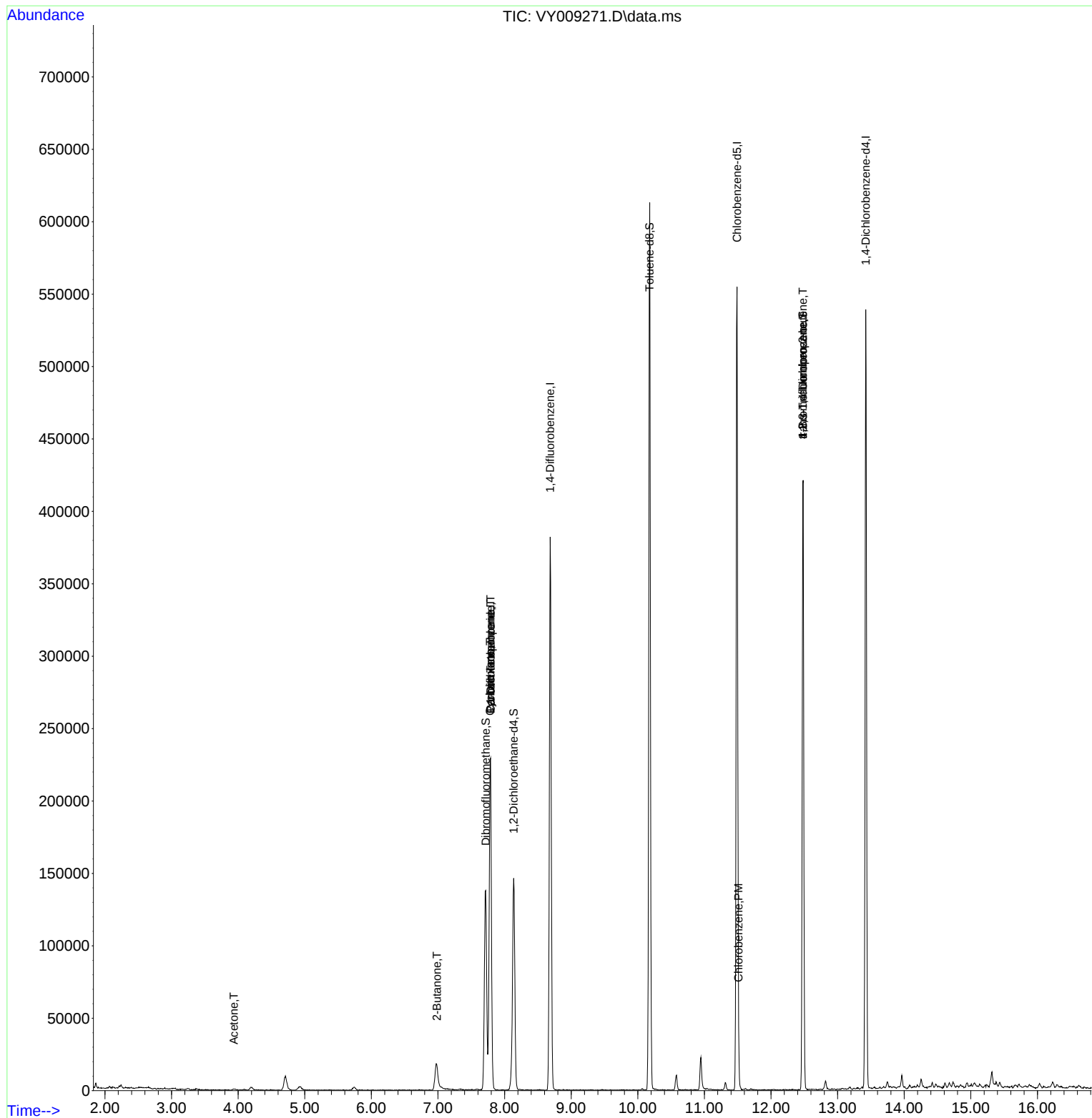
Internal Standards						
1) Pentafluorobenzene	7.789	168	184004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	322743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	299541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137106	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107641	53.27	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.54%			
35) Dibromofluoromethane	7.716	113	99198	47.46	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.92%			
50) Toluene-d8	10.179	98	390221	48.60	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.20%			
62) 4-Bromofluorobenzene	12.477	95	128203	45.44	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.88%			
Target Compounds						
11) Tert butyl alcohol	4.930	59	1557	Below Cal	#	77
16) Acetone	3.936	43	635	1.27	ug/l	# 47
18) Methyl Acetate	4.485	43	67	Below Cal	#	56
20) Methylene Chloride	4.698	84	6725	Below Cal	#	77
25) 2-Butanone	6.984	43	1356	1.68	ug/l	# 54
31) Cyclohexane	7.783	56	4043	1.15	ug/l	# 51
36) 1,1-Dichloropropene	7.789	75	14579	4.58	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	17569	5.31	ug/l	# 15
65) Chlorobenzene	11.514	112	6840	1.01	ug/l	# 92
76) 1,2,3-Trichloropropane	12.477	75	65960	41.03	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	65960	87.01	ug/l	# 7

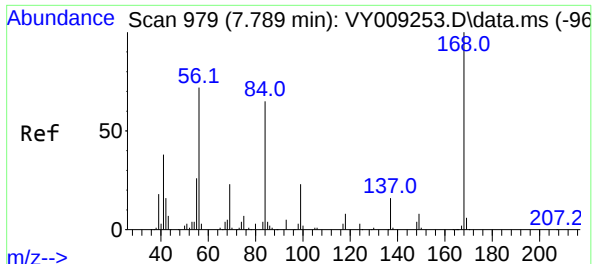
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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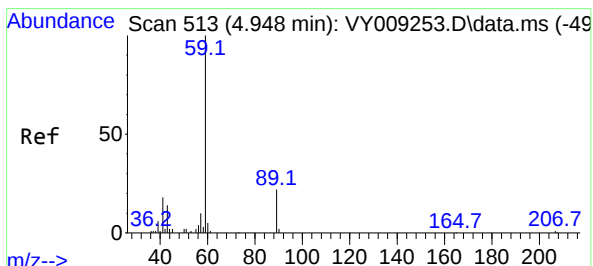
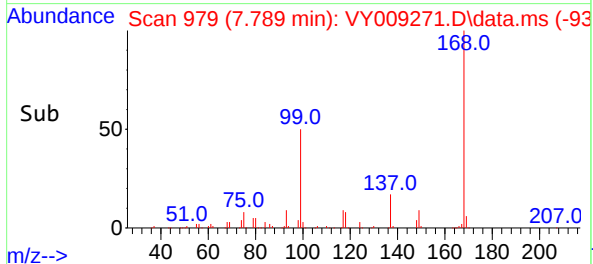
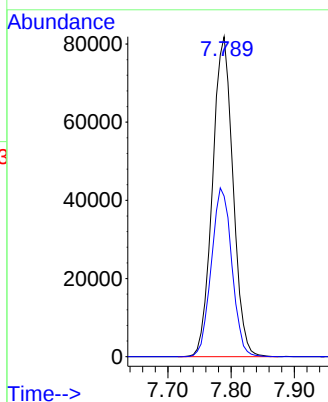
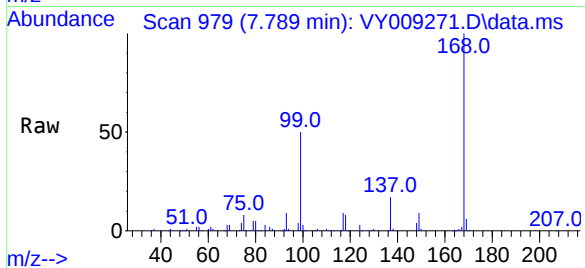




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009271.D
Acq: 22 Jun 2022 14:01

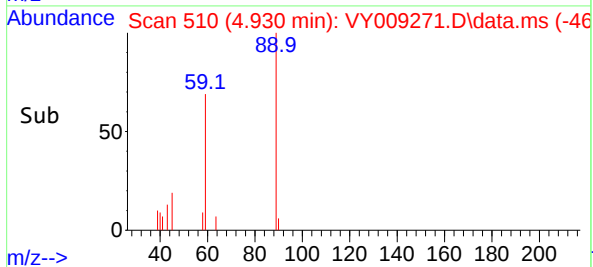
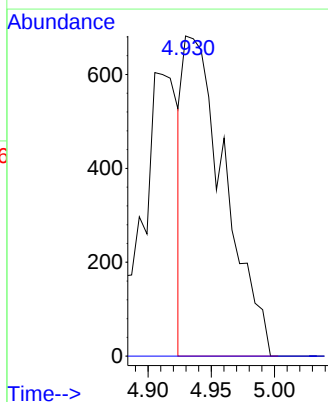
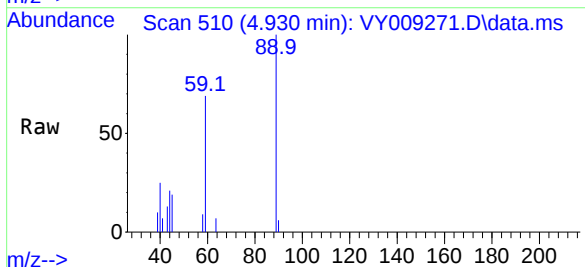
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-062022

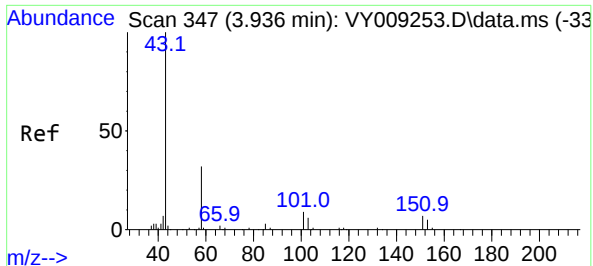
Tgt Ion:168 Resp: 184004
Ion Ratio Lower Upper
168 100
99 50.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY009271.D
Acq: 22 Jun 2022 14:01

Tgt Ion: 59 Resp: 1557
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

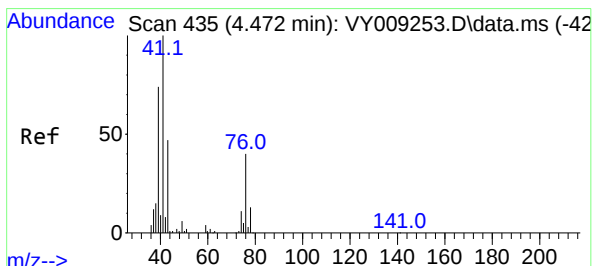
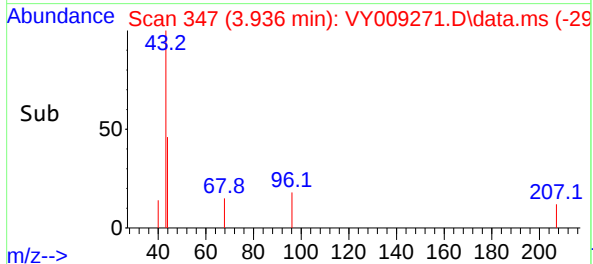
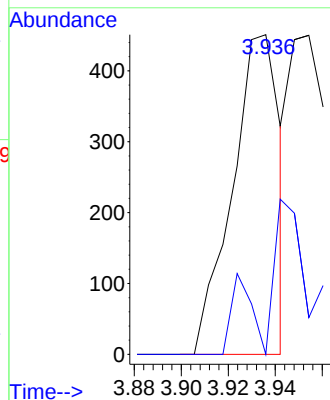
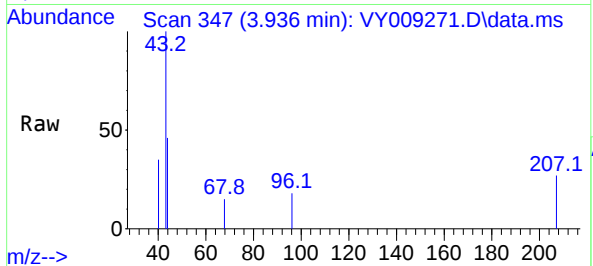




#16
Acetone
Concen: 1.27 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009271.D
Acq: 22 Jun 2022 14:01

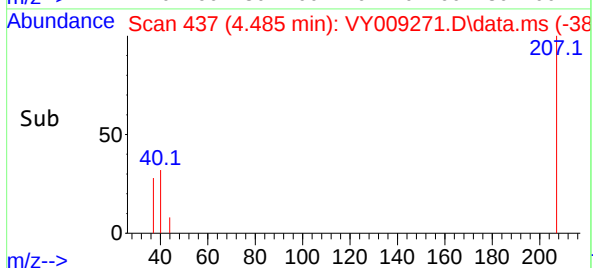
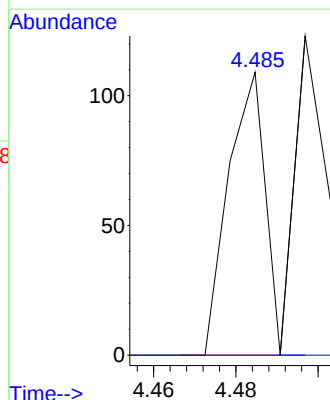
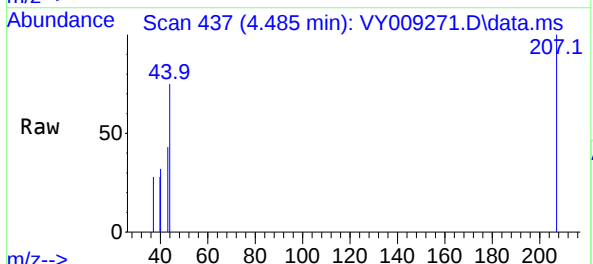
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-062022

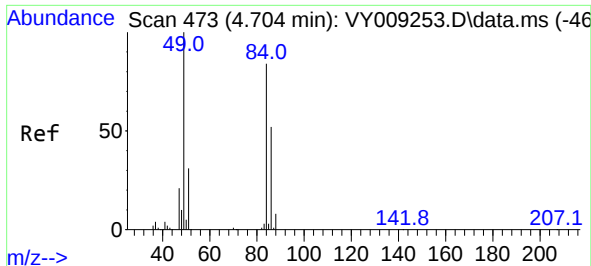
Tgt Ion: 43 Resp: 635
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY009271.D
Acq: 22 Jun 2022 14:01

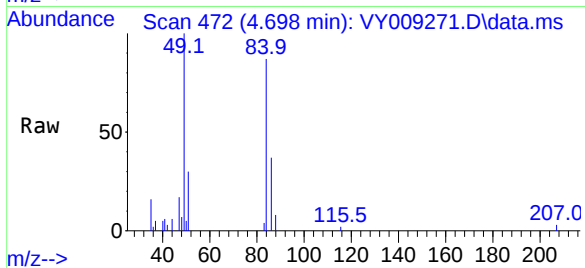
Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





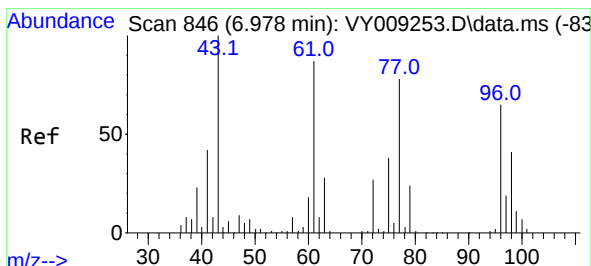
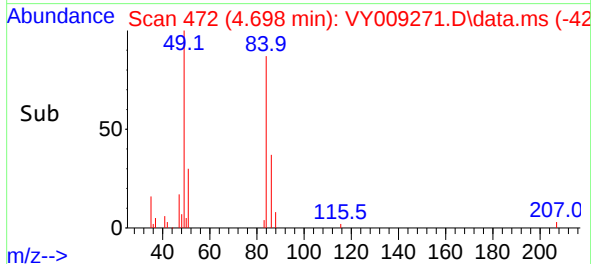
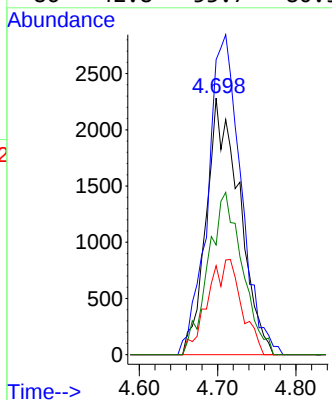
#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009271.D
Acq: 22 Jun 2022 14:01

Instrument :
MSVOA_Y
ClientSampleId :
NB-7-062022



Tgt Ion: 84 Resp: 6725

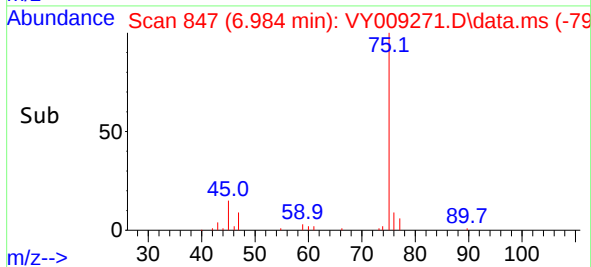
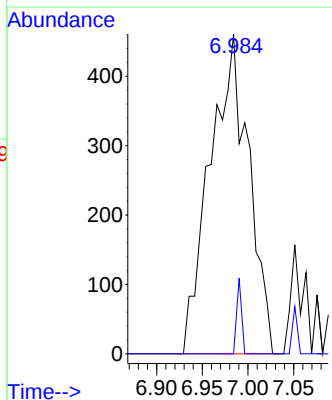
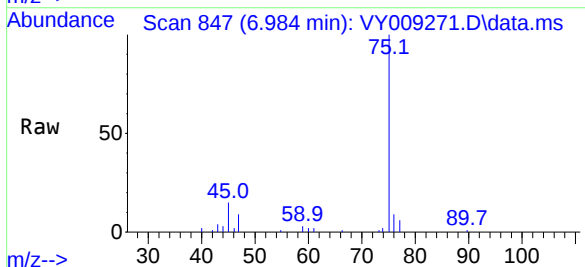
Ion	Ratio	Lower	Upper
84	100		
49	114.9	114.4	171.6
51	34.6	35.3	52.9#
86	42.8	53.7	80.5#

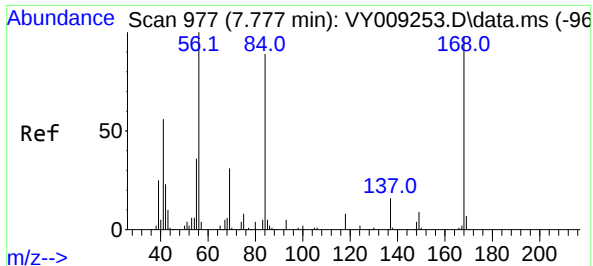


#25
2-Butanone
Concen: 1.68 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009271.D
Acq: 22 Jun 2022 14:01

Tgt Ion: 43 Resp: 1356

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

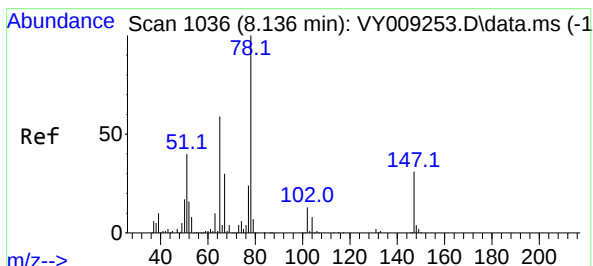
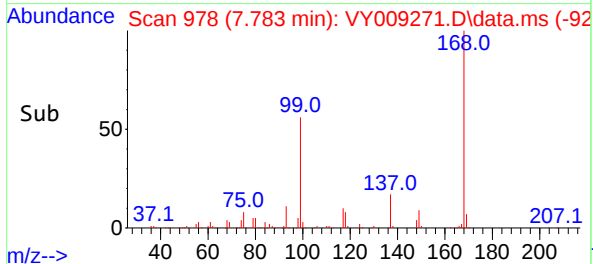
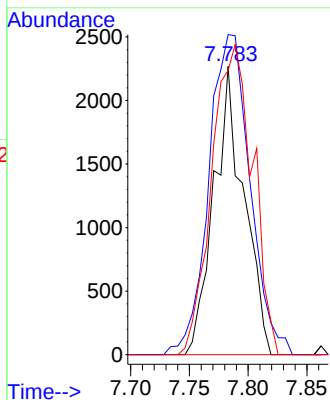
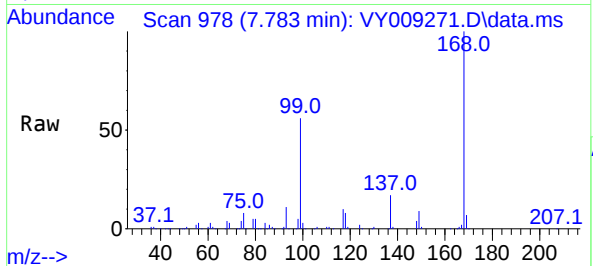




#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009271.D
Acq: 22 Jun 2022 14:01

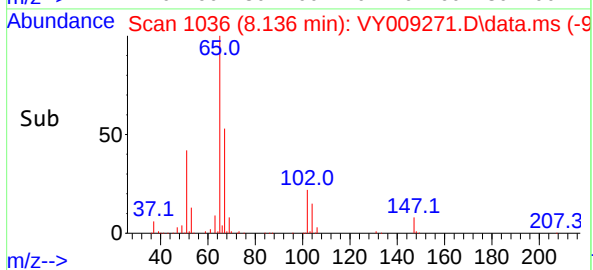
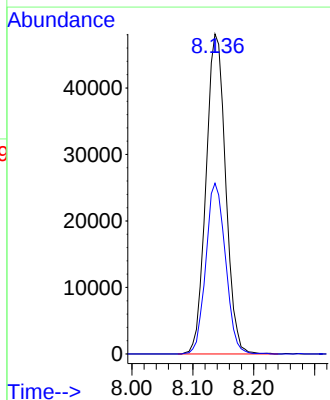
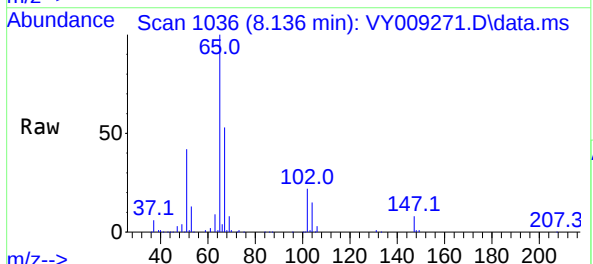
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-062022

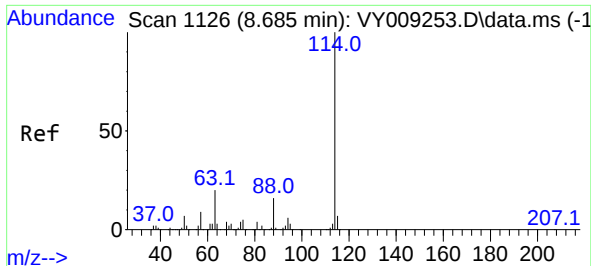
Tgt Ion: 56 Resp: 4043
Ion Ratio Lower Upper
56 100
69 108.0 26.7 40.1#
84 98.6 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 53.27 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009271.D
Acq: 22 Jun 2022 14:01

Tgt Ion: 65 Resp: 107641
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009271.D

Acq: 22 Jun 2022 14:01

Instrument :

MSVOA_Y

ClientSampleId :

NB-7-062022

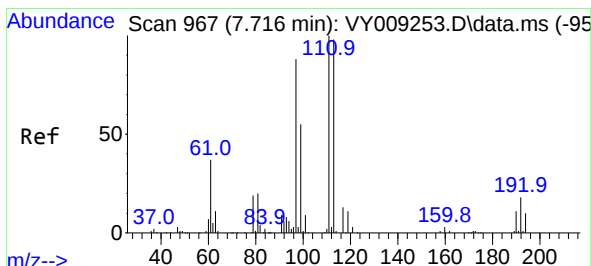
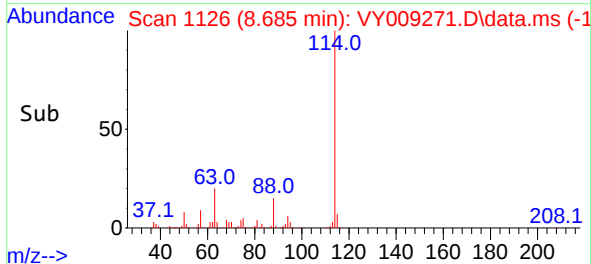
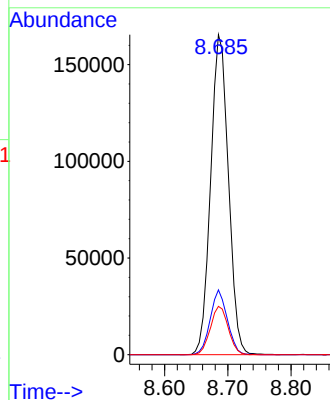
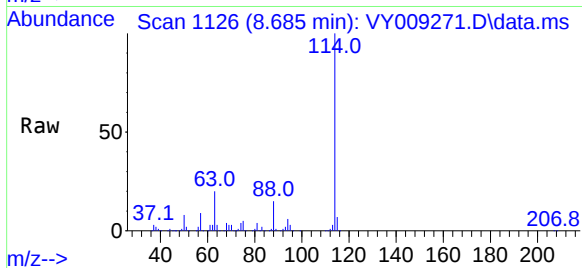
Tgt Ion:114 Resp: 322743

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.46 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009271.D

Acq: 22 Jun 2022 14:01

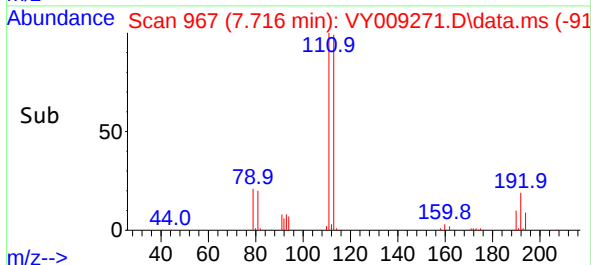
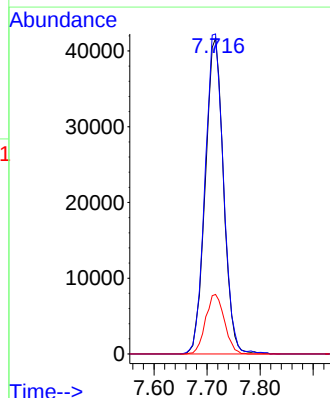
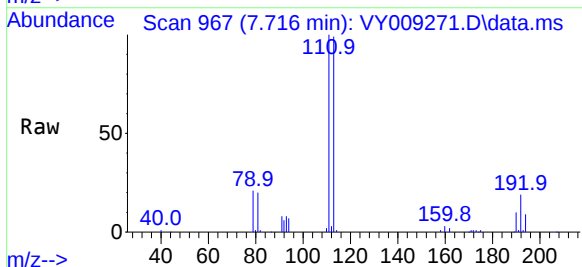
Tgt Ion:113 Resp: 99198

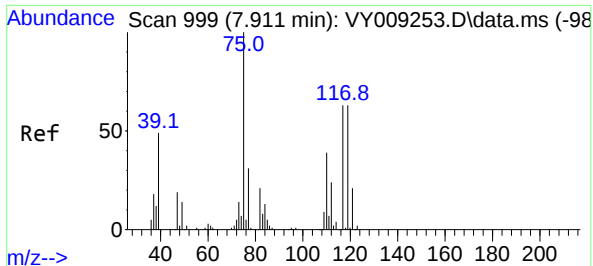
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 19.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.58 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY009271.D

Acq: 22 Jun 2022 14:01

Instrument :

MSVOA_Y

ClientSampleId :

NB-7-062022

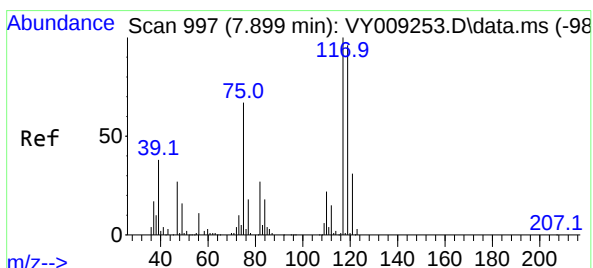
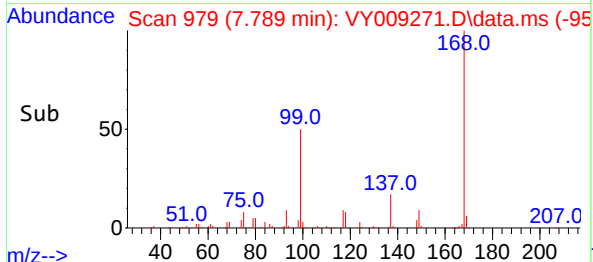
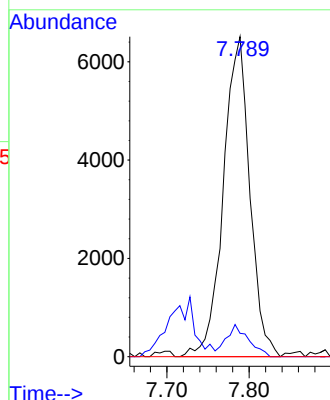
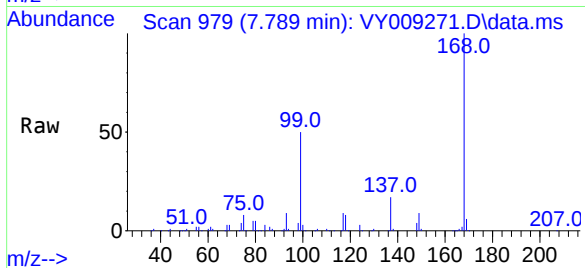
Tgt Ion: 75 Resp: 14579

Ion Ratio Lower Upper

75 100

110 8.4 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.31 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY009271.D

Acq: 22 Jun 2022 14:01

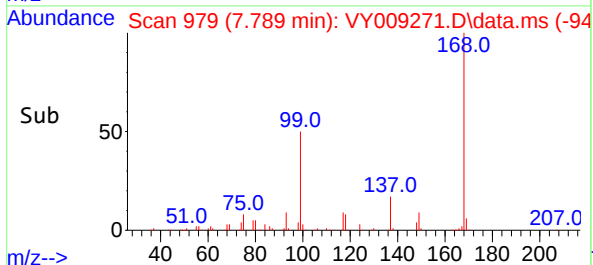
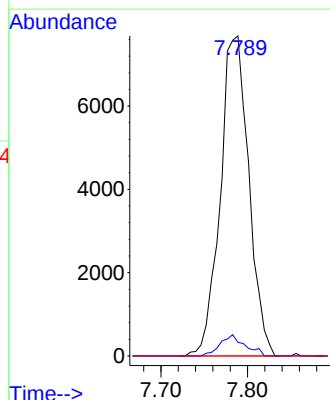
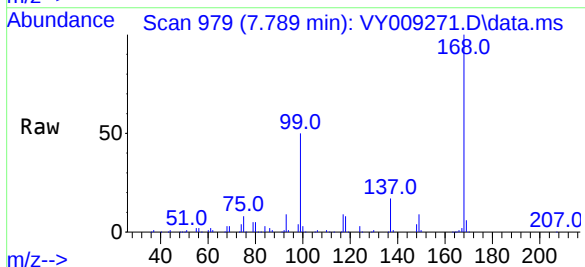
Tgt Ion: 117 Resp: 17569

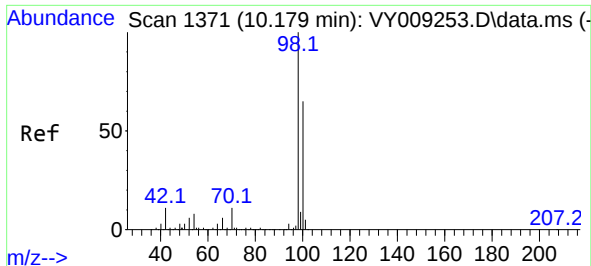
Ion Ratio Lower Upper

117 100

119 4.3 77.9 116.9#

121 0.0 24.8 37.2#

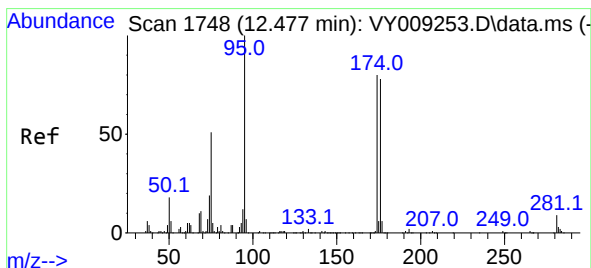
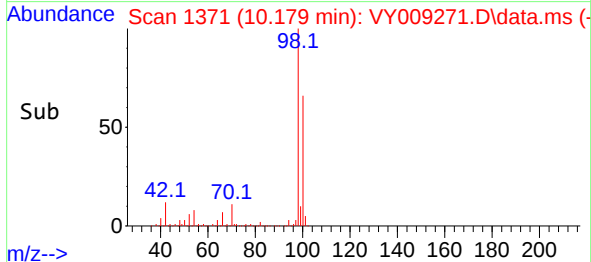
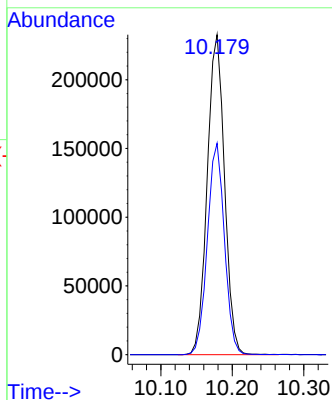
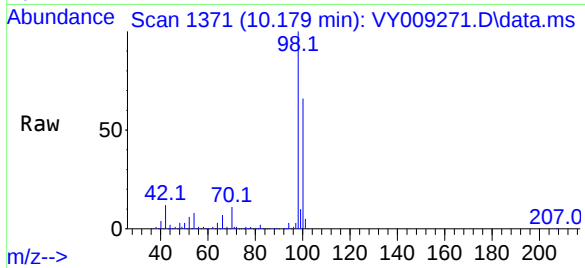




#50
Toluene-d8
Concen: 48.60 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009271.D
Acq: 22 Jun 2022 14:01

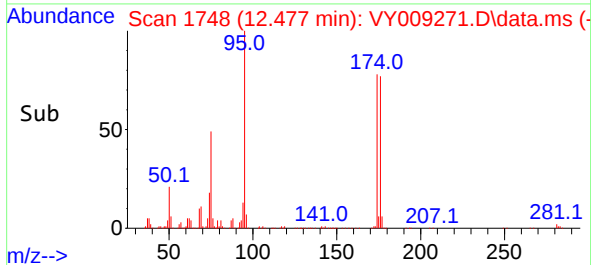
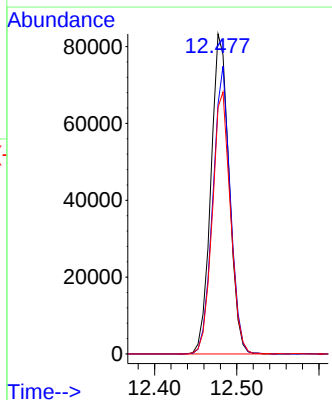
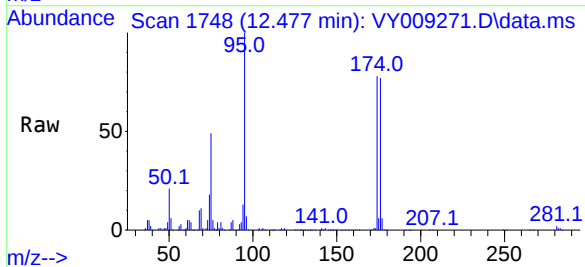
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-062022

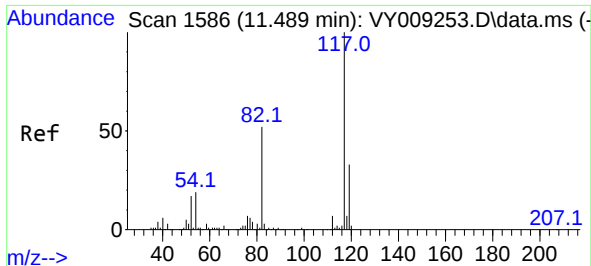
Tgt Ion: 98 Resp: 390221
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.44 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009271.D
Acq: 22 Jun 2022 14:01

Tgt Ion: 95 Resp: 128203
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 81.3 0.0 175.8

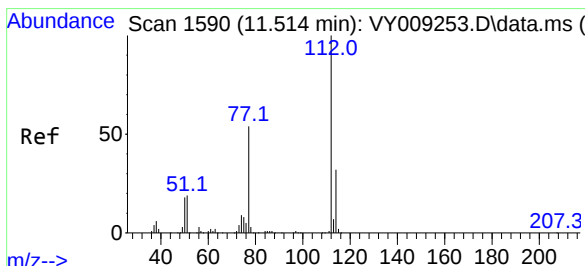
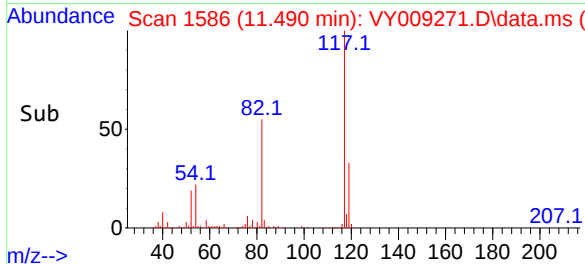
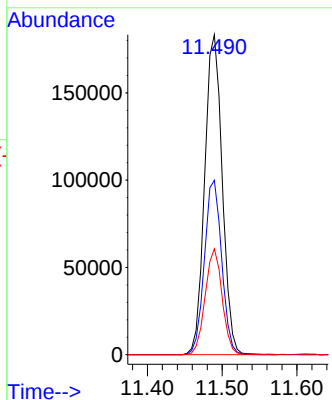
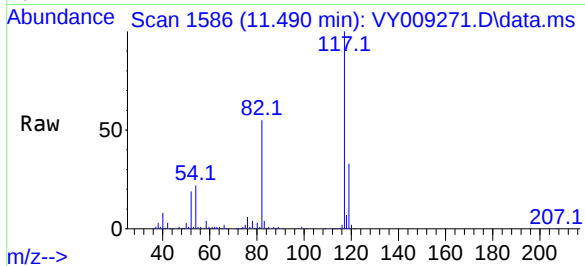




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009271.D
Acq: 22 Jun 2022 14:01

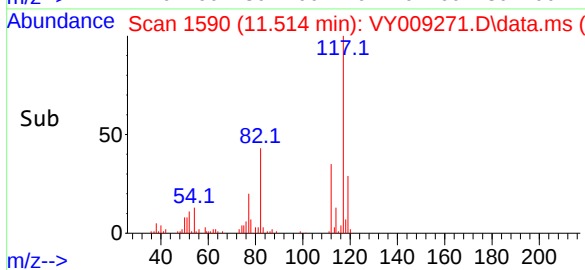
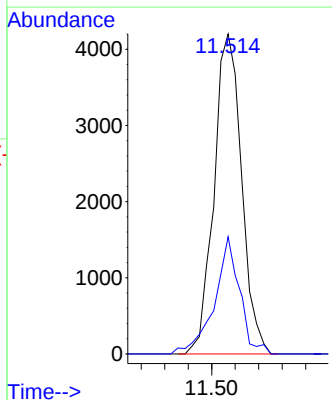
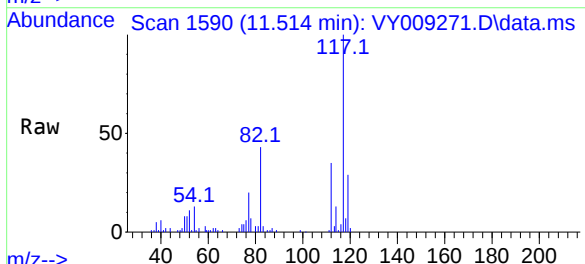
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-062022

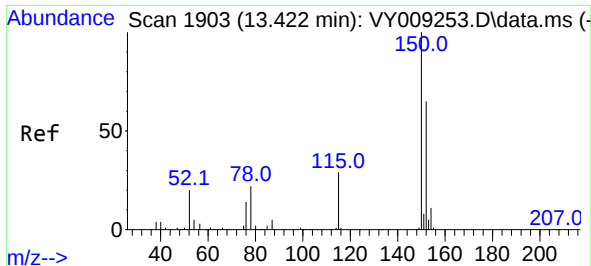
Tgt Ion:117 Resp: 299541
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 33.1 25.4 38.0



#65
Chlorobenzene
Concen: 1.01 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY009271.D
Acq: 22 Jun 2022 14:01

Tgt Ion:112 Resp: 6840
Ion Ratio Lower Upper
112 100
114 36.6 25.8 38.6

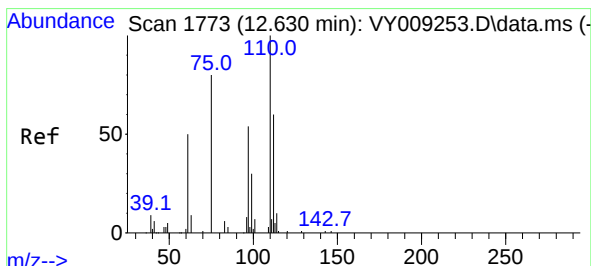
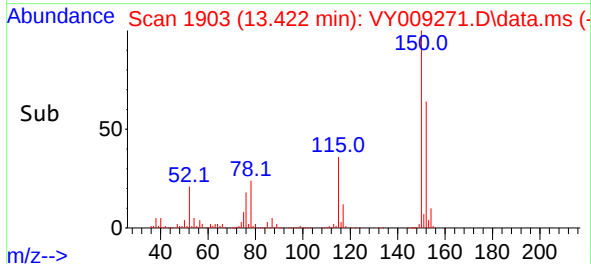
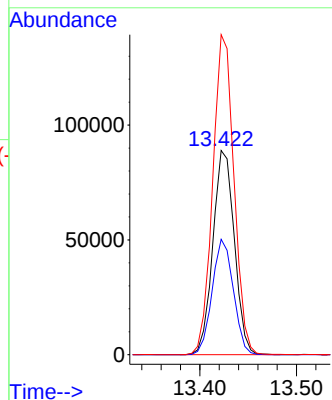
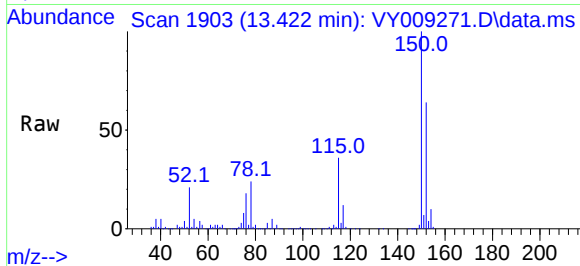




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009271.D
Acq: 22 Jun 2022 14:01

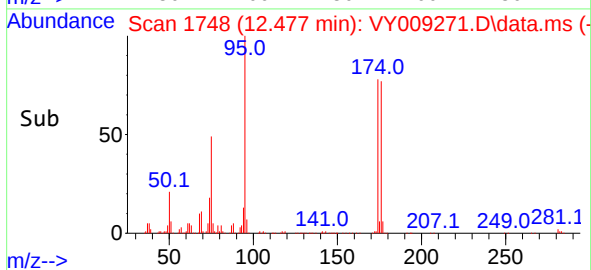
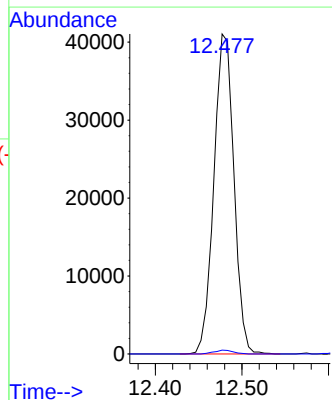
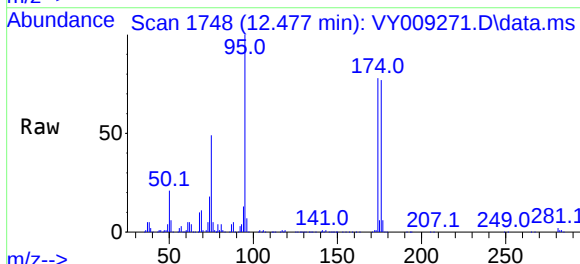
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-062022

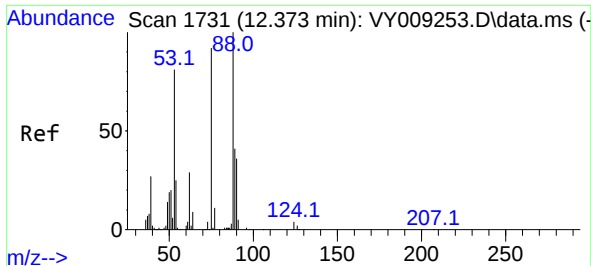
Tgt Ion:152 Resp: 137106
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 155.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 41.03 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009271.D
Acq: 22 Jun 2022 14:01

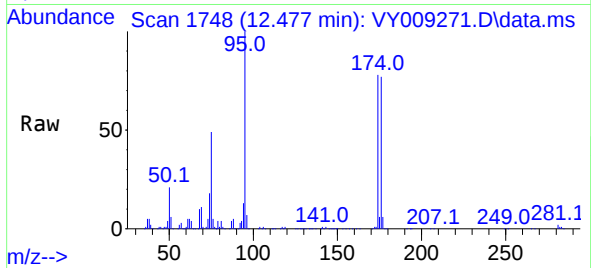
Tgt Ion: 75 Resp: 65960
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 87.01 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY009271.D
Acq: 22 Jun 2022 14:01

Instrument :
MSVOA_Y
ClientSampleId :
NB-7-062022



Tgt Ion: 75 Resp: 65960
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

