

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
 Data File : VY008002.D
 Acq On : 22 Mar 2022 15:55
 Operator : SY/MD
 Sample : N2027-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-031822

Quant Time: Mar 23 05:08:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

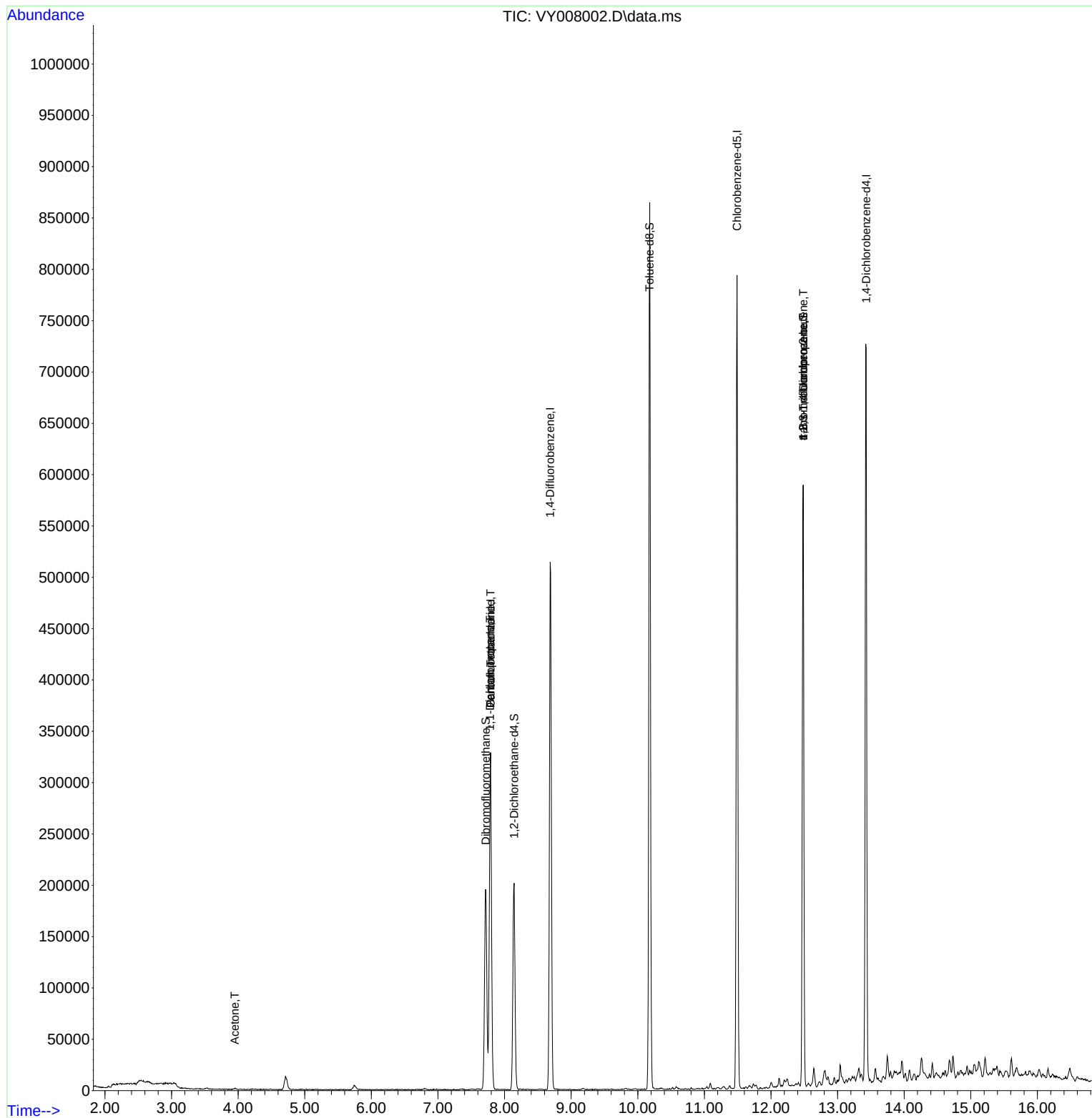
Internal Standards						
1) Pentafluorobenzene	7.789	168	238660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	445874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	412727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	152183	55.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.860%
35) Dibromofluoromethane	7.716	113	140117	44.747	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.500%
50) Toluene-d8	10.179	98	549180	59.157	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.320%
62) 4-Bromofluorobenzene	12.483	95	190748	42.444	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.880%
Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	764	Below Cal		93
4) Vinyl Chloride	2.260	62	169	Below Cal	#	43
5) Bromomethane	2.662	94	430	Below Cal	#	46
16) Acetone	3.948	43	1812	2.510	ug/l	97
18) Methyl Acetate	4.460	43	274	Below Cal	#	56
20) Methylene Chloride	4.710	84	9003	Below Cal	#	73
31) Cyclohexane	7.789	56	5655	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	20660	4.448	ug/l #	51
38) Carbon Tetrachloride	7.789	117	25438	5.126	ug/l #	14
39) Methylcyclohexane	9.179	83	542	Below Cal	#	73
76) 1,2,3-Trichloropropane	12.483	75	101928	40.751	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	101928	85.594	ug/l #	7

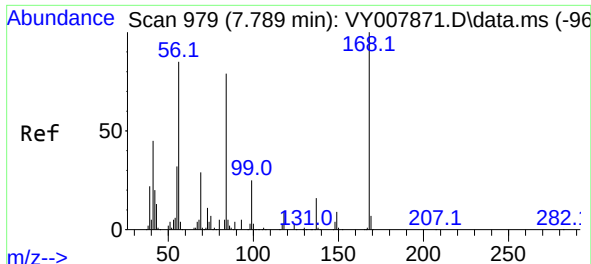
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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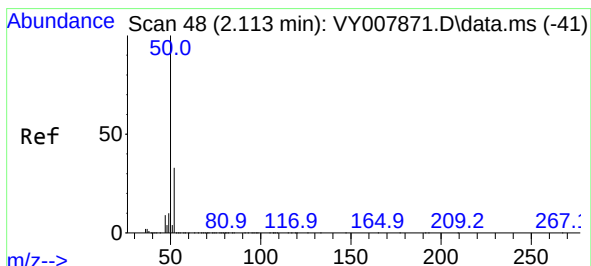
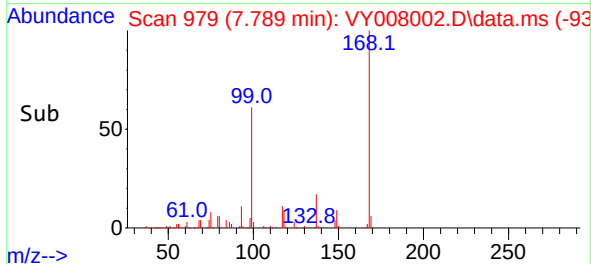
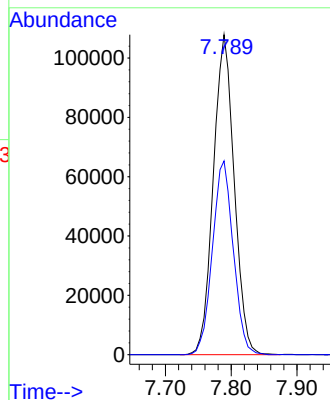
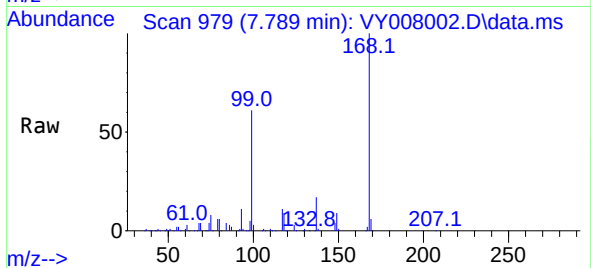




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008002.D
Acq: 22 Mar 2022 15:55

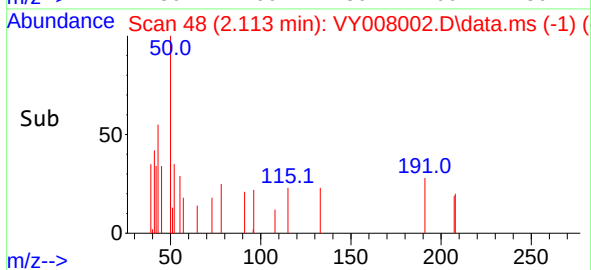
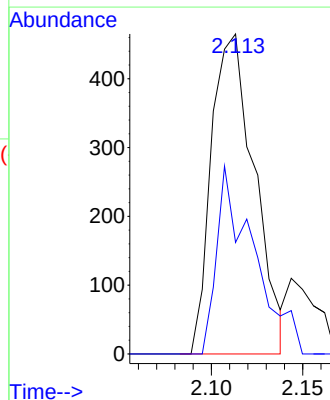
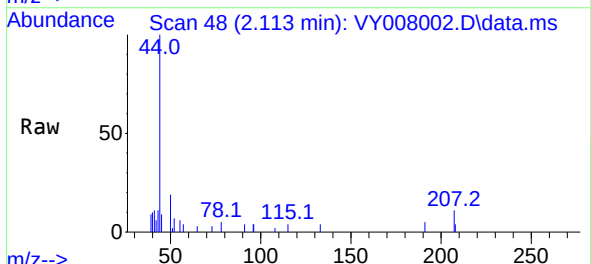
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-031822

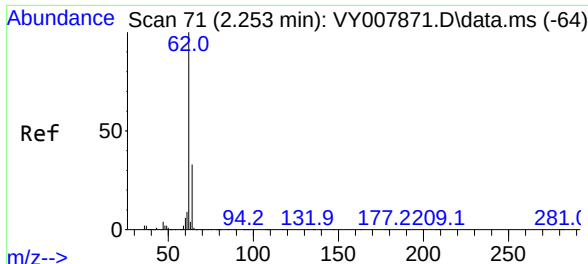
Tgt Ion:168 Resp: 238660
Ion Ratio Lower Upper
168 100
99 60.5 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008002.D
Acq: 22 Mar 2022 15:55

Tgt Ion: 50 Resp: 764
Ion Ratio Lower Upper
50 100
52 34.8 24.6 37.0

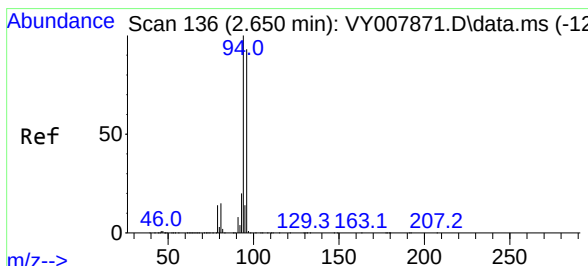
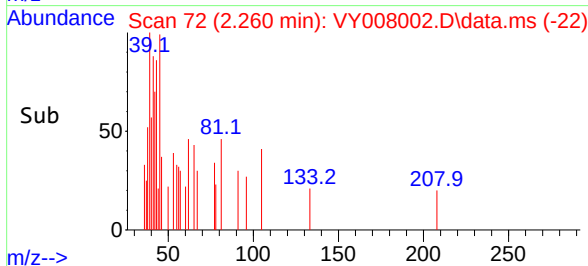
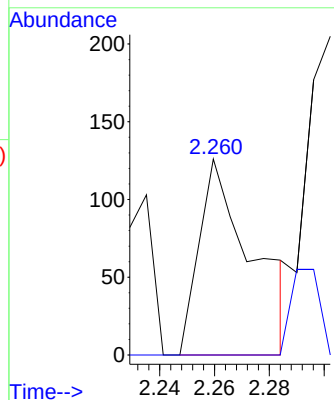
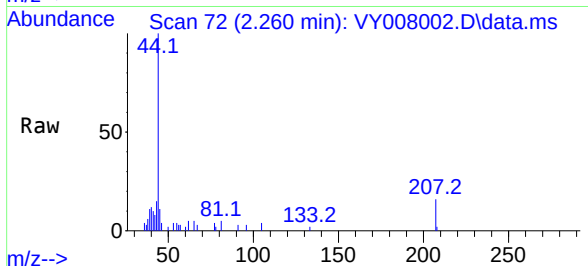




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.260 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VY008002.D
 Acq: 22 Mar 2022 15:55

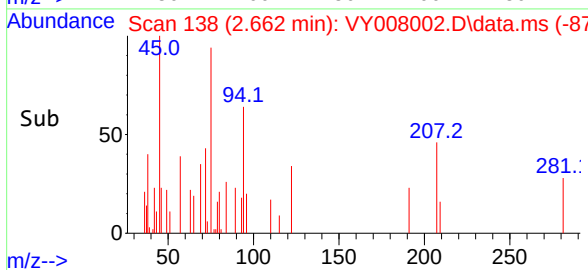
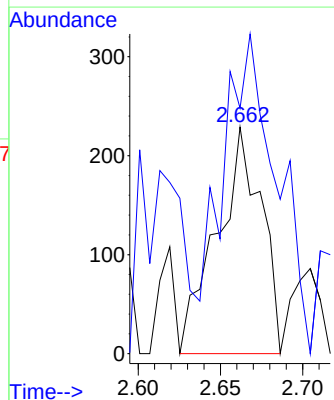
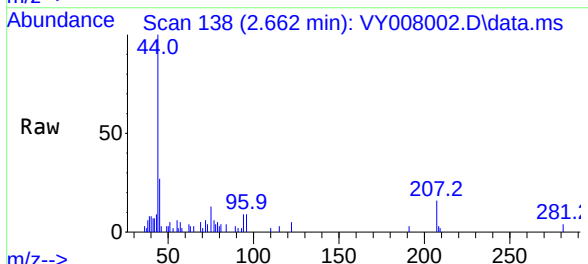
Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-031822

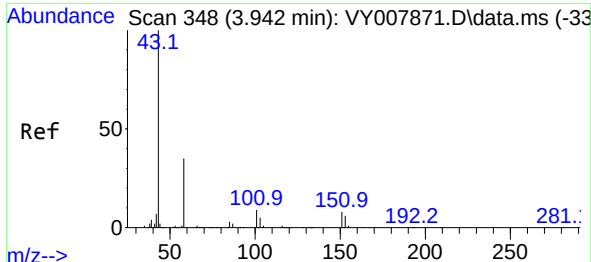
Tgt Ion: 62 Resp: 169
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.662 min Scan# 138
 Delta R.T. 0.012 min
 Lab File: VY008002.D
 Acq: 22 Mar 2022 15:55

Tgt Ion: 94 Resp: 430
 Ion Ratio Lower Upper
 94 100
 96 40.2 73.5 110.3#





#16

Acetone

Concen: 2.510 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY008002.D

Acq: 22 Mar 2022 15:55

Instrument :

MSVOA_Y

ClientSampleId :

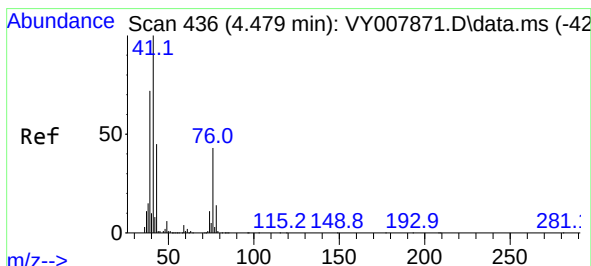
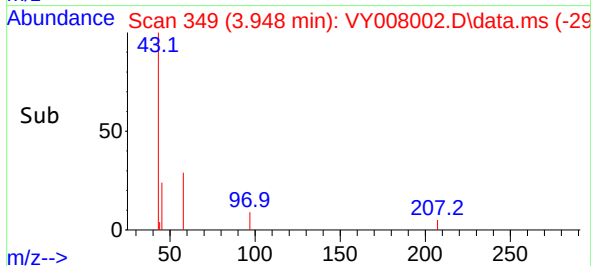
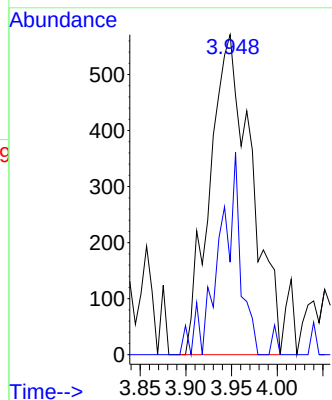
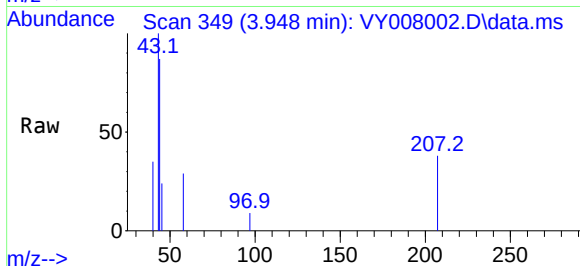
NB-08-031822

Tgt Ion: 43 Resp: 1812

Ion Ratio Lower Upper

43 100

58 28.9 22.0 33.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.460 min Scan# 433

Delta R.T. -0.012 min

Lab File: VY008002.D

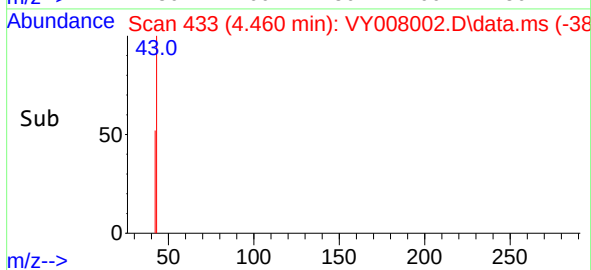
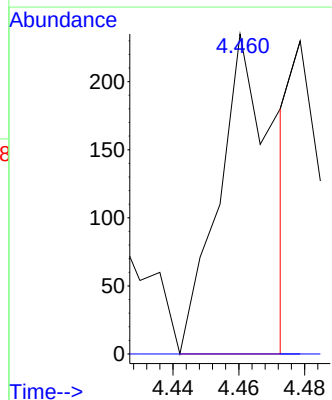
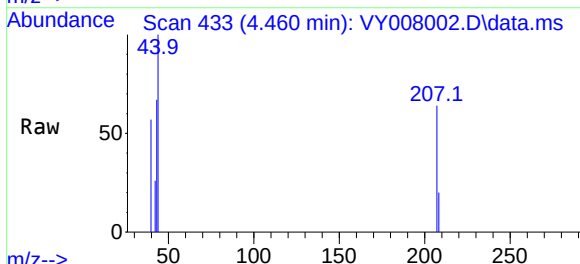
Acq: 22 Mar 2022 15:55

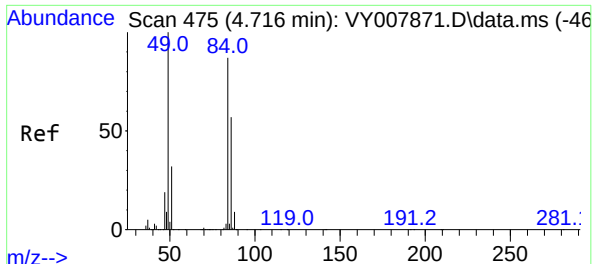
Tgt Ion: 43 Resp: 274

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



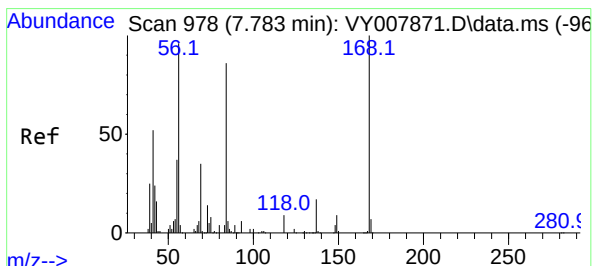
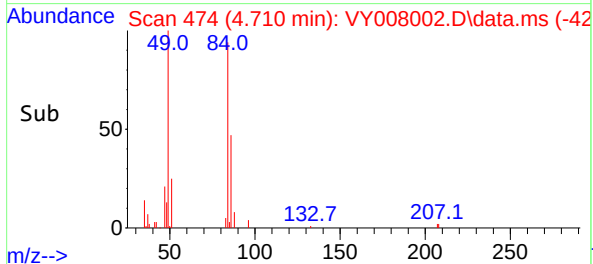
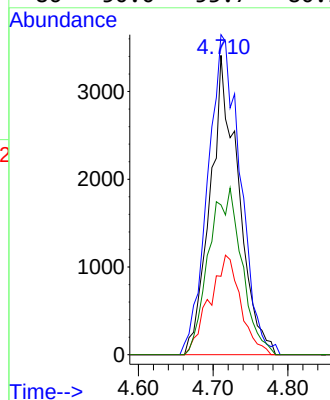
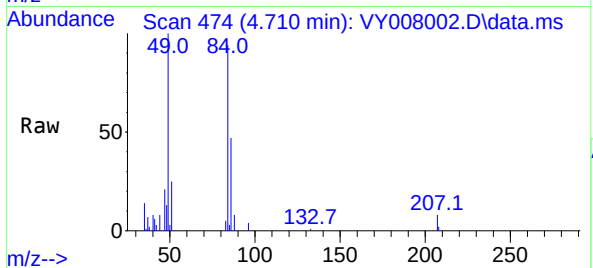


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008002.D
Acq: 22 Mar 2022 15:55

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-031822

Tgt Ion: 84 Resp: 9003

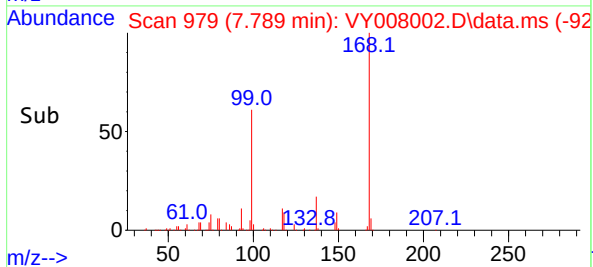
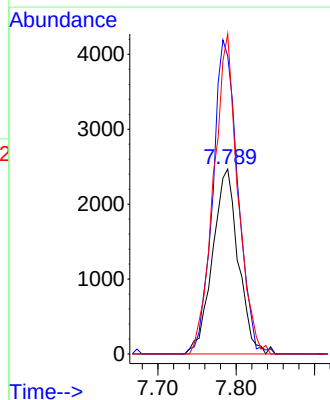
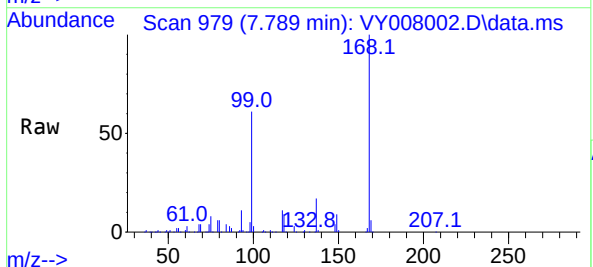
Ion	Ratio	Lower	Upper
84	100		
49	106.9	114.4	171.6#
51	26.2	35.3	52.9#
86	50.0	53.7	80.5#

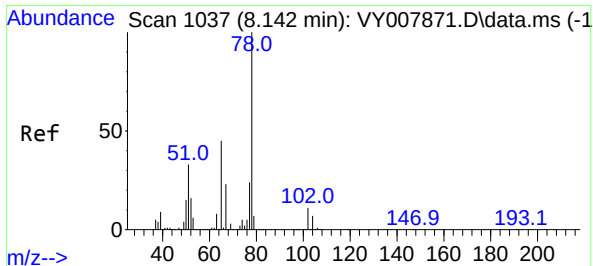


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008002.D
Acq: 22 Mar 2022 15:55

Tgt Ion: 56 Resp: 5655

Ion	Ratio	Lower	Upper
56	100		
69	161.1	26.7	40.1#
84	173.0	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.926 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY008002.D

Acq: 22 Mar 2022 15:55

Instrument :

MSVOA_Y

ClientSampleId :

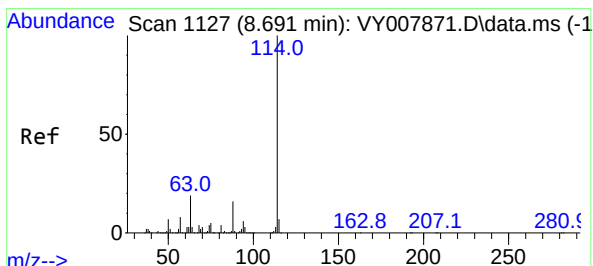
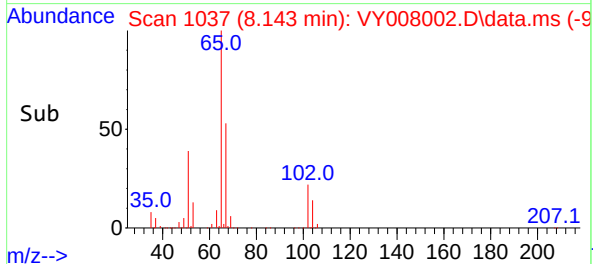
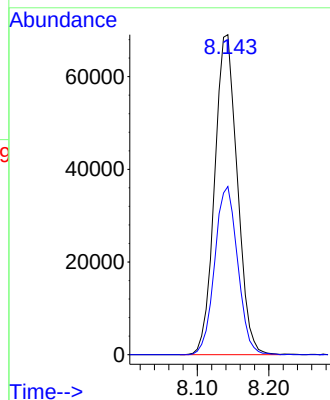
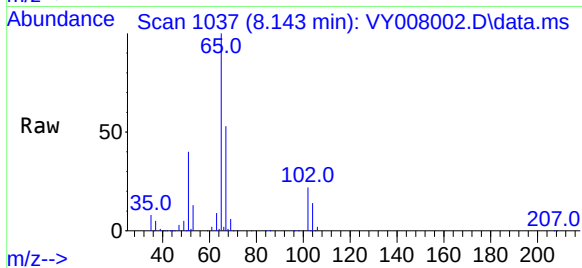
NB-08-031822

Tgt Ion: 65 Resp: 152183

Ion Ratio Lower Upper

65 100

67 53.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008002.D

Acq: 22 Mar 2022 15:55

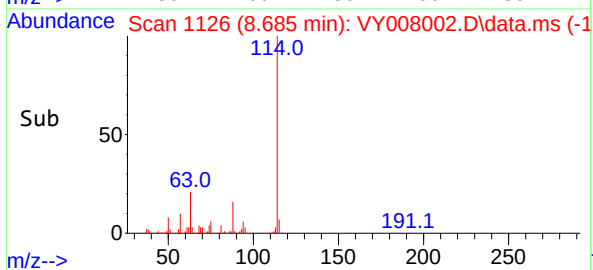
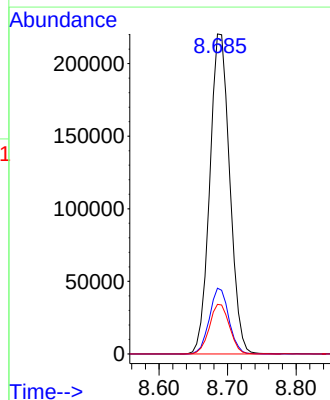
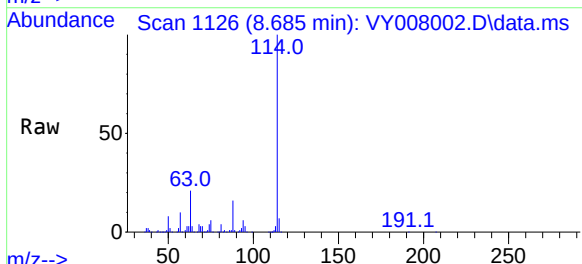
Tgt Ion: 114 Resp: 445874

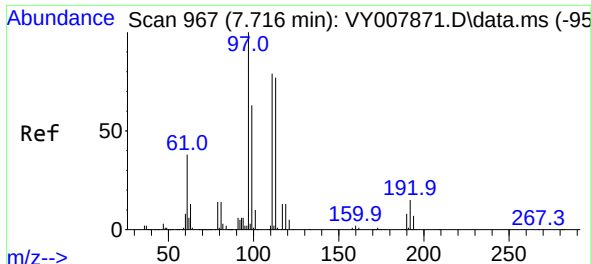
Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

88 15.5 0.0 31.8

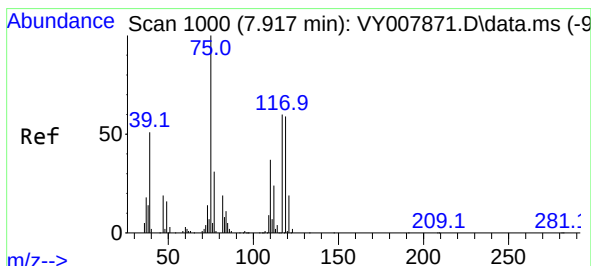
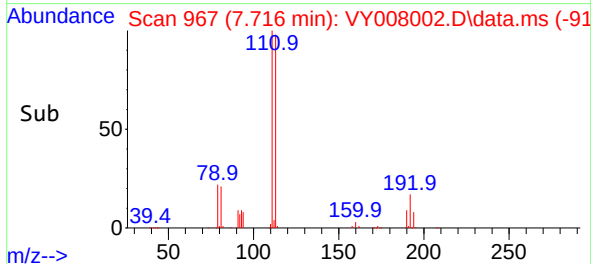
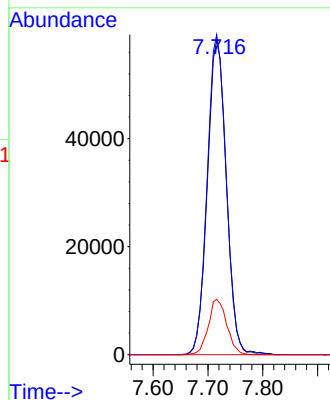
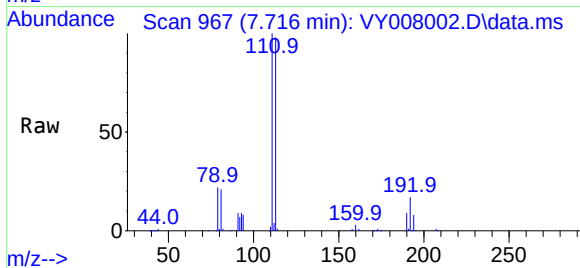




#35
Dibromofluoromethane
Concen: 44.747 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY008002.D
Acq: 22 Mar 2022 15:55

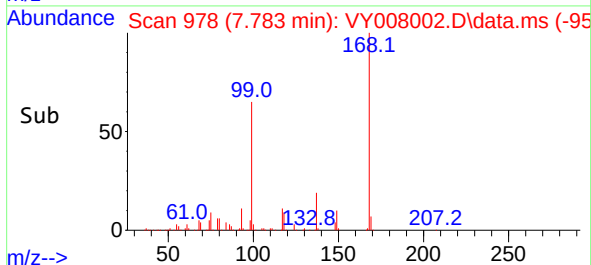
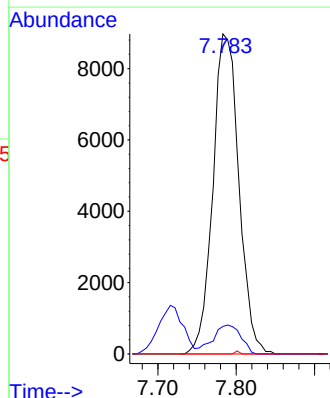
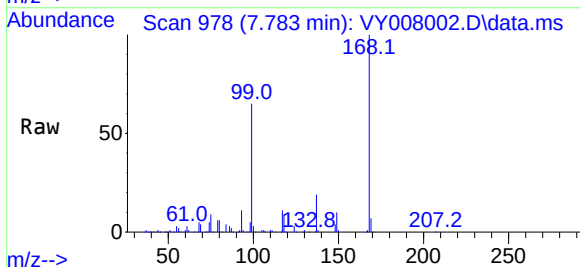
Instrument :
MSVOA_Y
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NB-08-031822

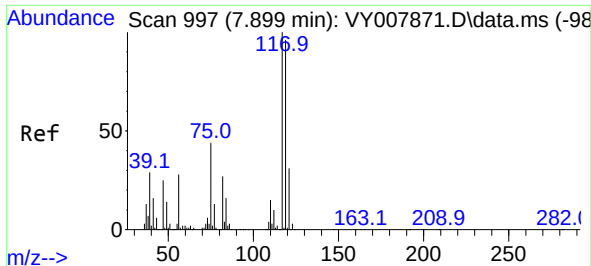
Tgt Ion:113 Resp: 140117
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 17.1 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.448 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008002.D
Acq: 22 Mar 2022 15:55

Tgt Ion: 75 Resp: 20660
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.2 24.4 36.6#

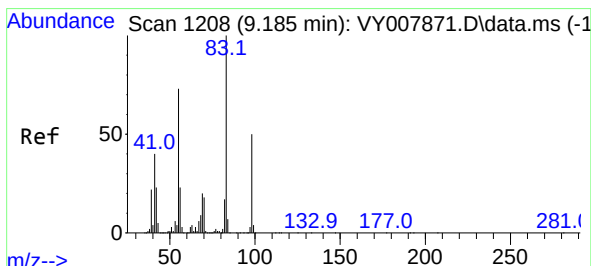
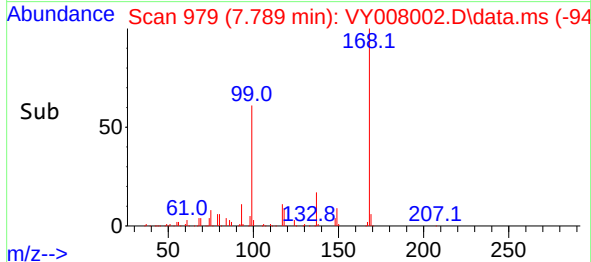
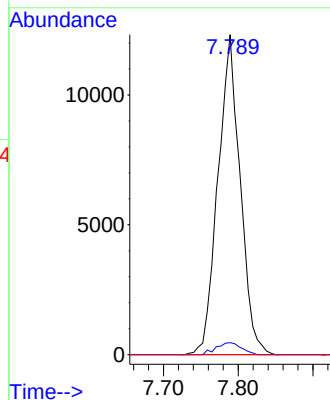
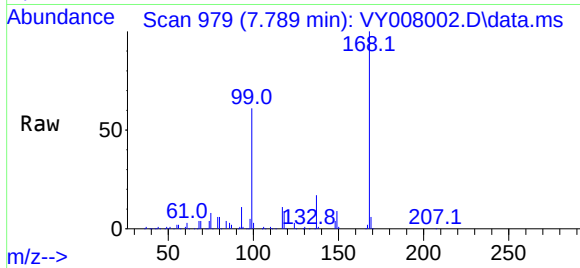




#38
Carbon Tetrachloride
Concen: 5.126 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008002.D
Acq: 22 Mar 2022 15:55

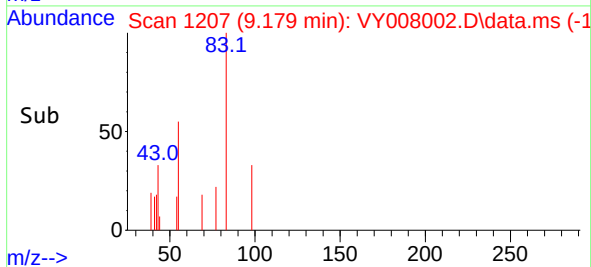
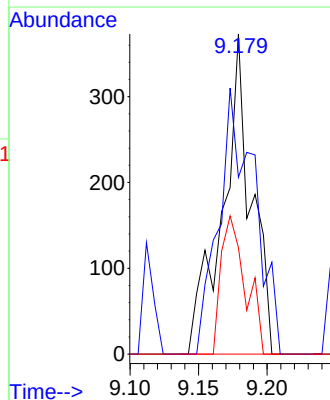
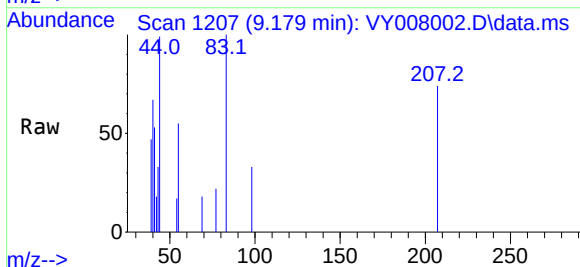
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-031822

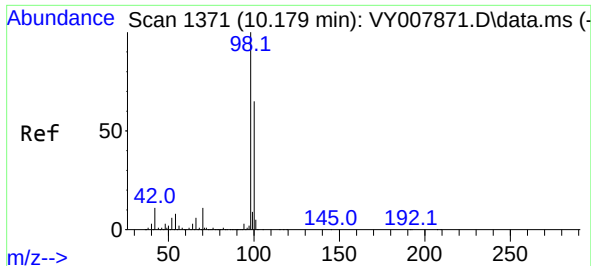
Tgt Ion:117 Resp: 25438
Ion Ratio Lower Upper
117 100
119 3.8 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: Below Cal
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY008002.D
Acq: 22 Mar 2022 15:55

Tgt Ion: 83 Resp: 542
Ion Ratio Lower Upper
83 100
55 55.2 66.5 99.7#
98 33.2 37.9 56.9#

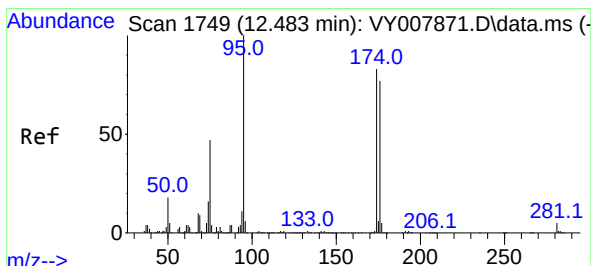
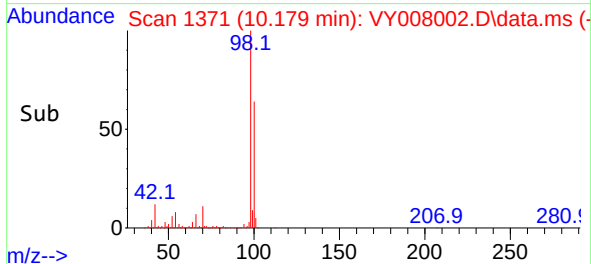
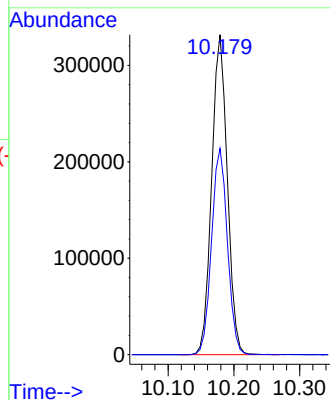
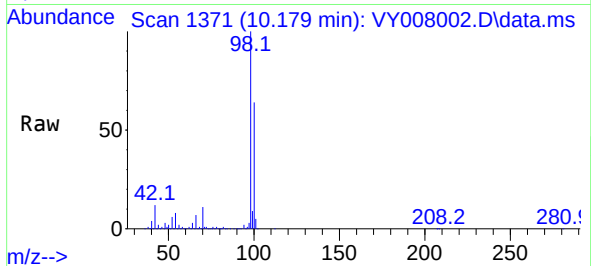




#50
Toluene-d8
Concen: 59.157 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008002.D
Acq: 22 Mar 2022 15:55

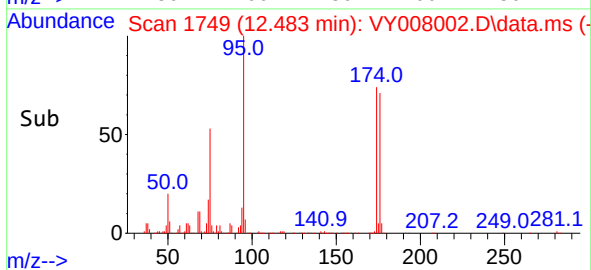
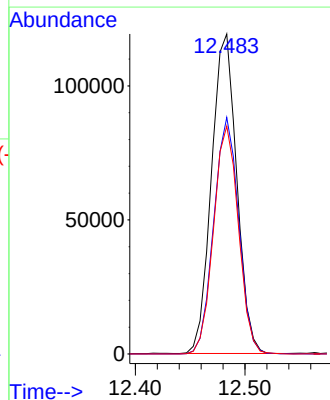
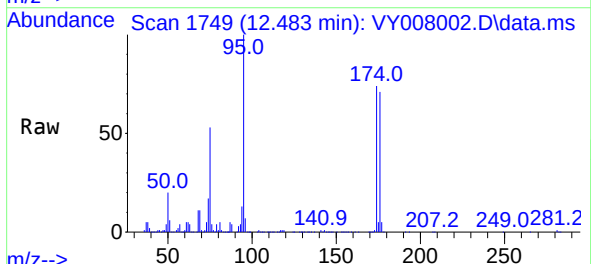
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-031822

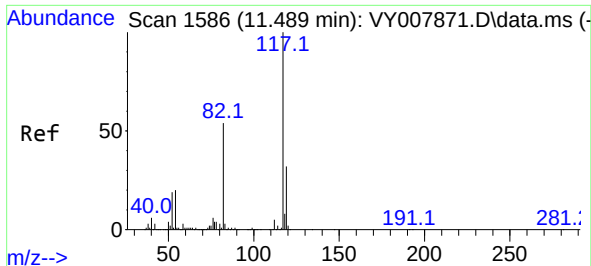
Tgt Ion: 98 Resp: 549180
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.444 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008002.D
Acq: 22 Mar 2022 15:55

Tgt Ion: 95 Resp: 190748
Ion Ratio Lower Upper
95 100
174 73.1 0.0 177.0
176 70.2 0.0 175.8

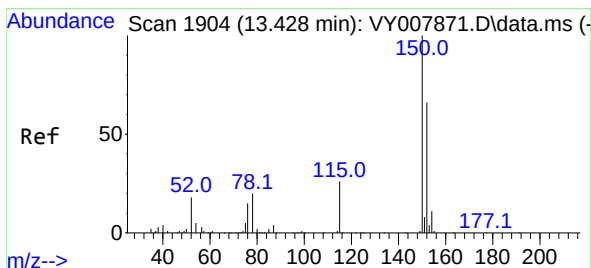
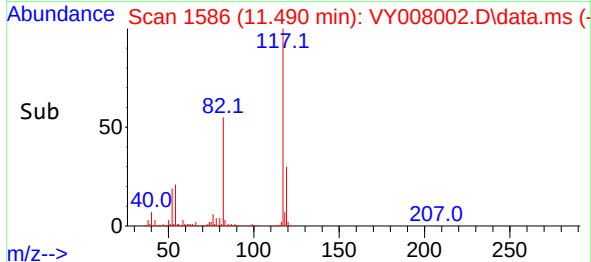
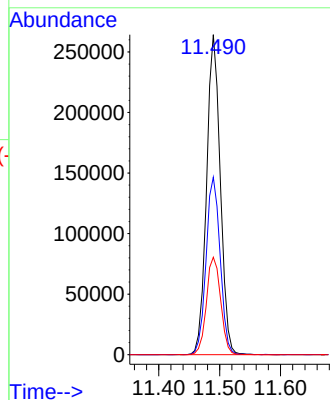
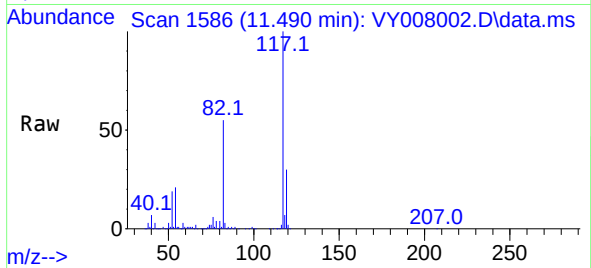




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008002.D
Acq: 22 Mar 2022 15:55

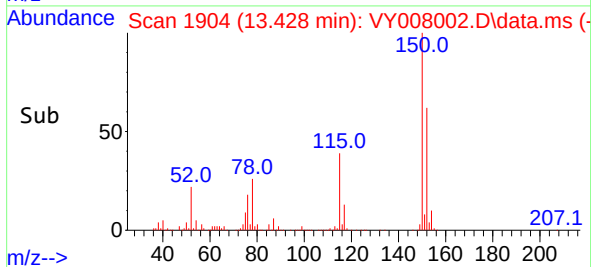
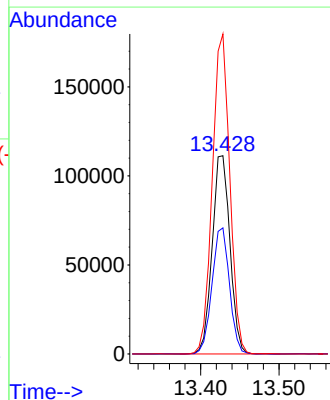
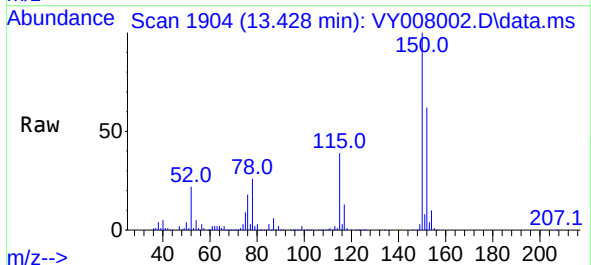
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-031822

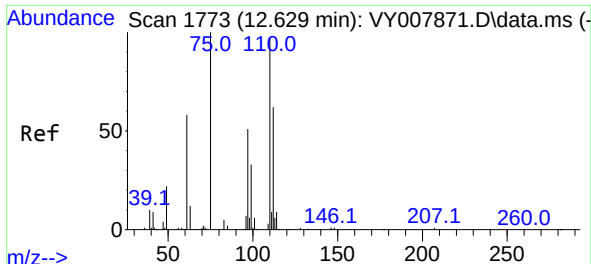
Tgt Ion:117 Resp: 412727
Ion Ratio Lower Upper
117 100
82 55.4 43.0 64.4
119 30.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008002.D
Acq: 22 Mar 2022 15:55

Tgt Ion:152 Resp: 175484
Ion Ratio Lower Upper
152 100
115 62.5 28.2 84.7
150 158.6 0.0 347.6

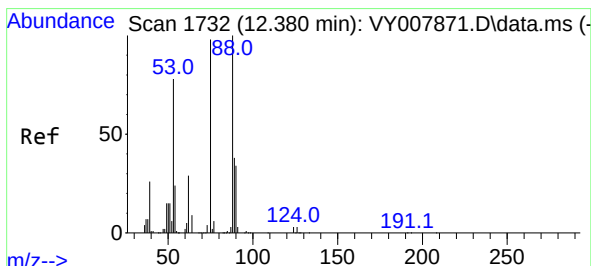
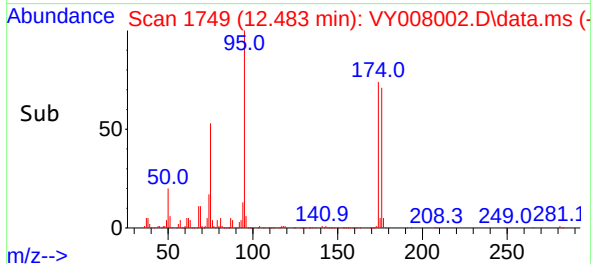
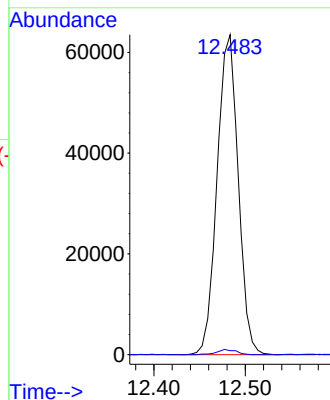
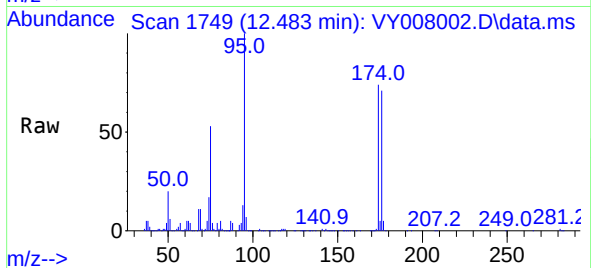




#76
1,2,3-Trichloropropane
Concen: 40.751 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008002.D
Acq: 22 Mar 2022 15:55

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-031822

Tgt Ion: 75 Resp: 101928
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.594 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008002.D
Acq: 22 Mar 2022 15:55

Tgt Ion: 75 Resp: 101928
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

