

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
 Data File : VY007195.D
 Acq On : 17 Jan 2022 18:48
 Operator : SY/MD
 Sample : N1165-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-011422

Quant Time: Jan 18 03:10:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

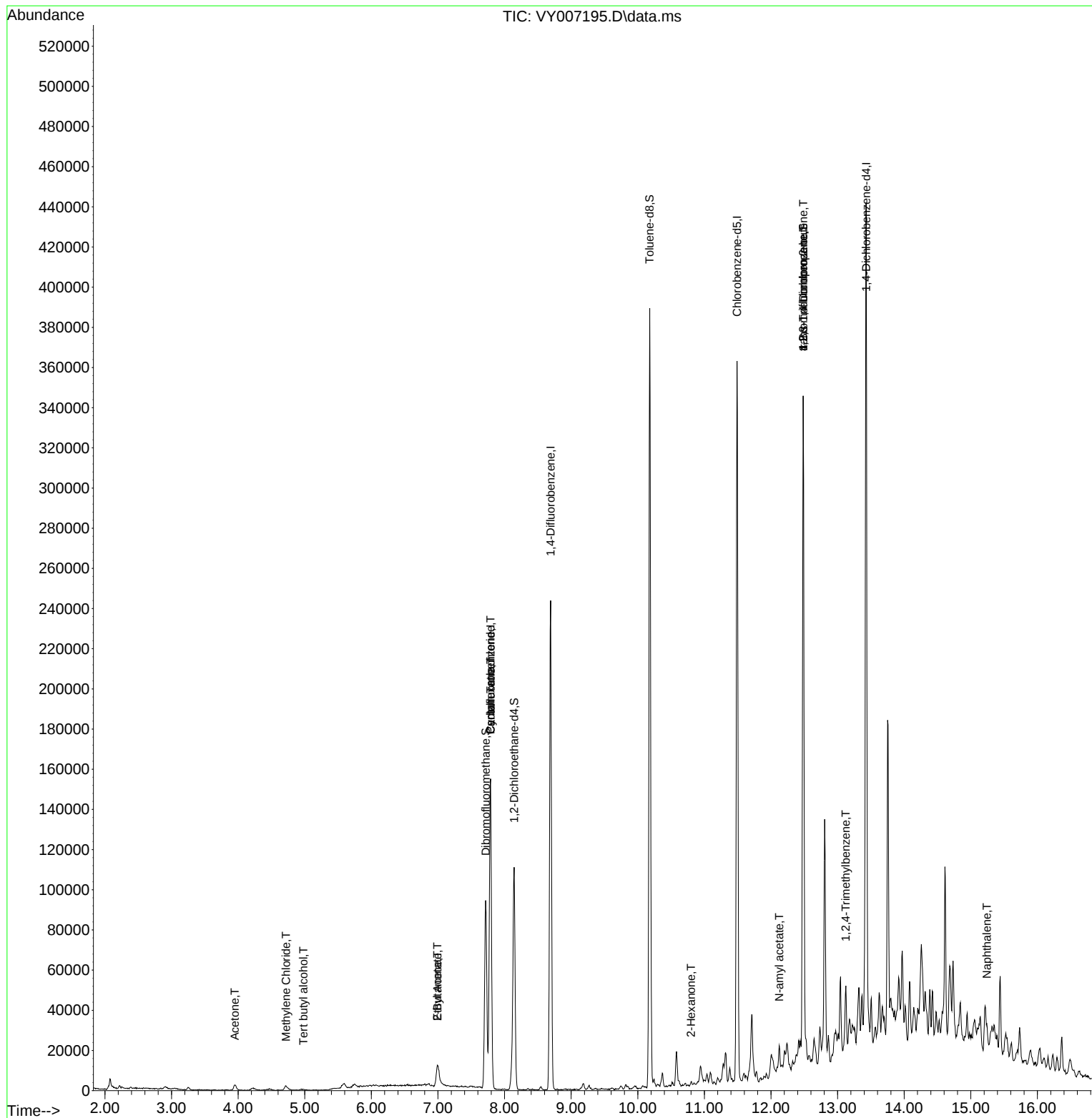
Internal Standards						
1) Pentafluorobenzene	7.789	168	110023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	198548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	186556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	81713	60.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.060%
35) Dibromofluoromethane	7.716	113	66173	49.289	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.580%
50) Toluene-d8	10.179	98	243179	49.572	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.483	95	93677	53.683	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.360%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	1188	5.616	ug/l #	73
16) Acetone	3.948	43	5137	14.662	ug/l	96
20) Methylene Chloride	4.716	84	1590	1.097	ug/l #	93
25) 2-Butanone	6.990	43	3216	7.100	ug/l #	73
31) Cyclohexane	7.789	56	2893	1.268	ug/l #	7
37) Ethyl Acetate	6.990	43	3216	2.923	ug/l #	83
38) Carbon Tetrachloride	7.789	117	12703	5.632	ug/l #	17
59) 2-Hexanone	10.801	43	742	1.007	ug/l #	23
74) N-amyl acetate	12.124	43	3110	1.443	ug/l #	50
76) 1,2,3-Trichloropropane	12.483	75	53446	50.221	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53446	91.942	ug/l #	4
84) 1,2,4-Trimethylbenzene	13.123	105	17642	2.689	ug/l	98
95) Naphthalene	15.239	128	6959	1.764	ug/l #	91

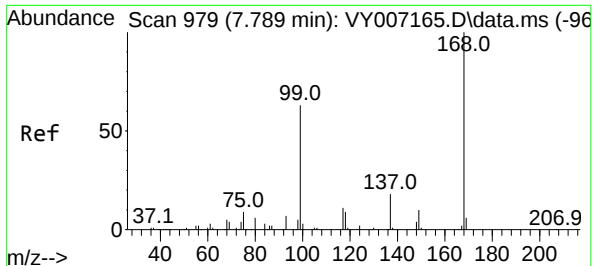
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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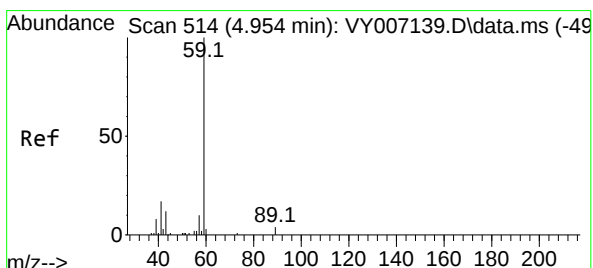
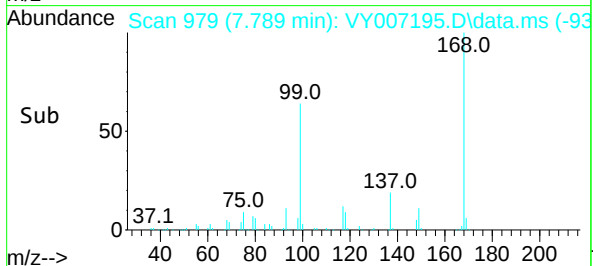
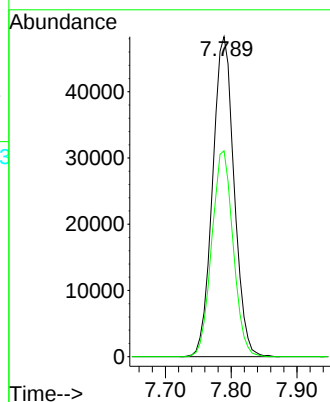
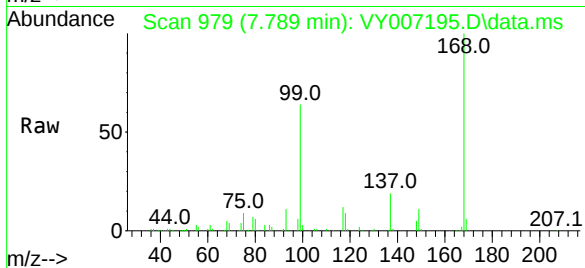




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007195.D
Acq: 17 Jan 2022 18:48

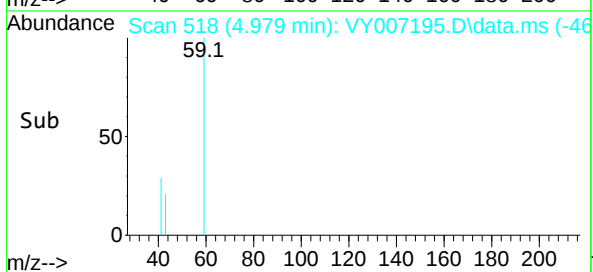
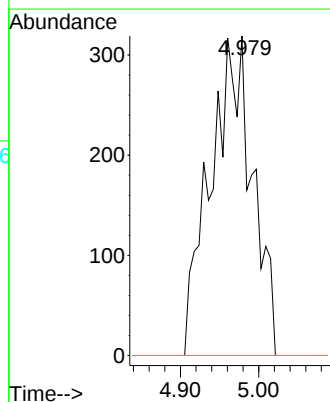
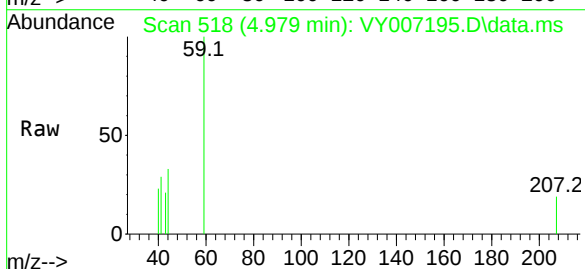
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-011422

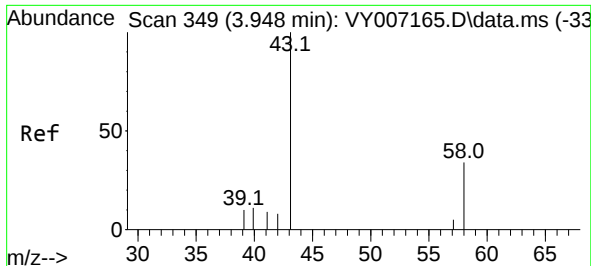
Tgt Ion:168 Resp: 110023
Ion Ratio Lower Upper
168 100
99 64.4 49.1 73.7



#11
Tert butyl alcohol
Concen: 5.616 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.025 min
Lab File: VY007195.D
Acq: 17 Jan 2022 18:48

Tgt Ion: 59 Resp: 1188
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 14.662 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.001 min

Lab File: VY007195.D

Acq: 17 Jan 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

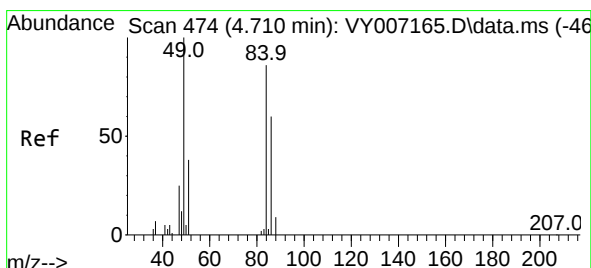
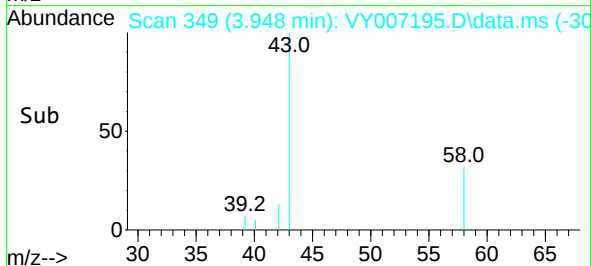
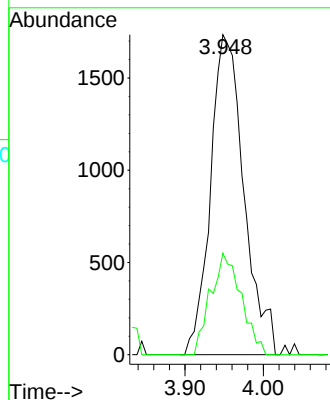
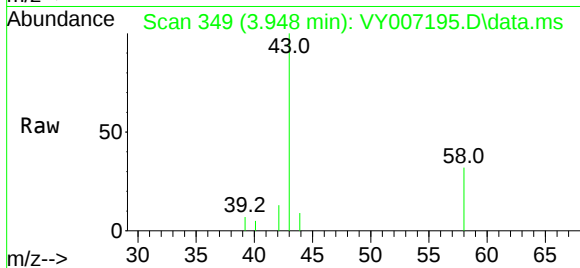
NB-07-011422

Tgt Ion: 43 Resp: 5137

Ion Ratio Lower Upper

43 100

58 31.7 23.8 35.6



#20

Methylene Chloride

Concen: 1.097 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.007 min

Lab File: VY007195.D

Acq: 17 Jan 2022 18:48

Tgt Ion: 84 Resp: 1590

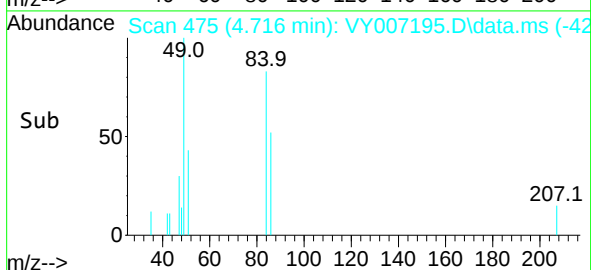
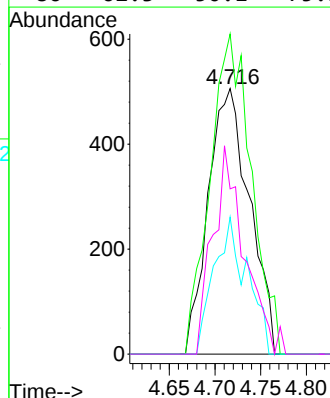
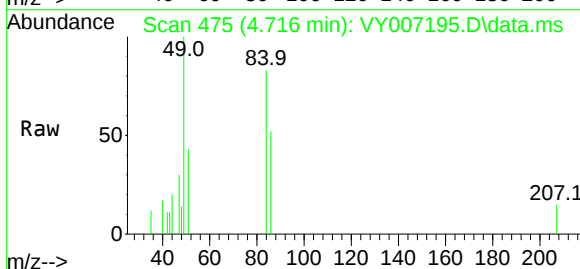
Ion Ratio Lower Upper

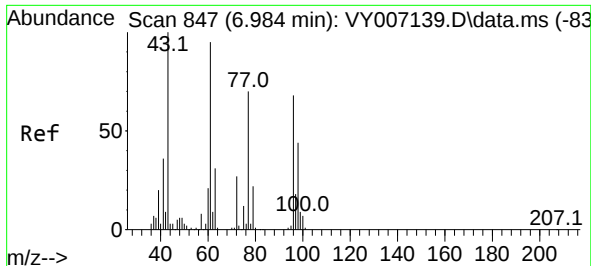
84 100

49 120.6 92.6 139.0

51 51.6 28.6 42.8#

86 62.3 50.1 75.1





#25

2-Butanone

Concen: 7.100 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.007 min

Lab File: VY007195.D

Acq: 17 Jan 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

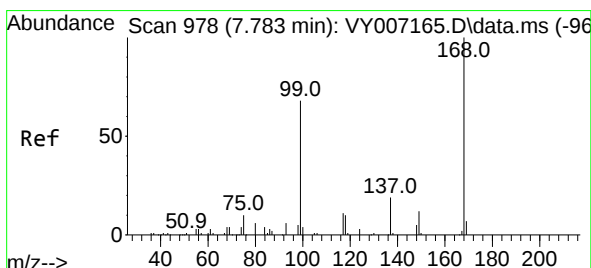
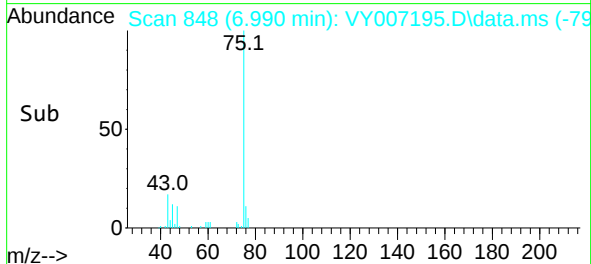
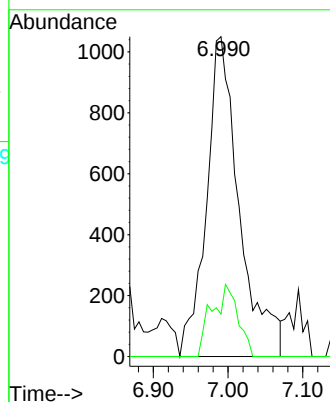
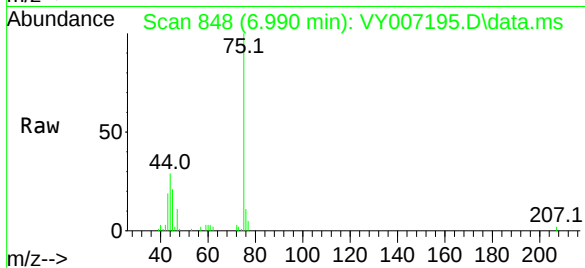
NB-07-011422

Tgt Ion: 43 Resp: 3216

Ion Ratio Lower Upper

43 100

72 13.2 21.9 32.9#



#31

Cyclohexane

Concen: 1.268 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY007195.D

Acq: 17 Jan 2022 18:48

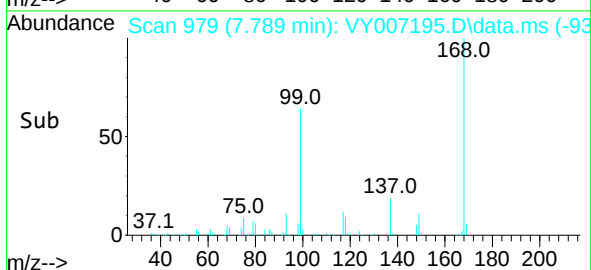
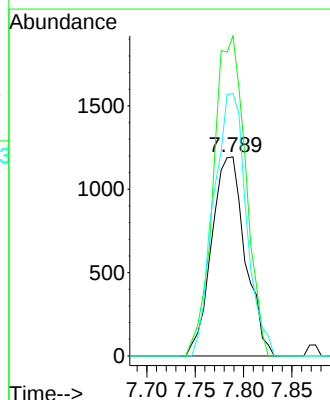
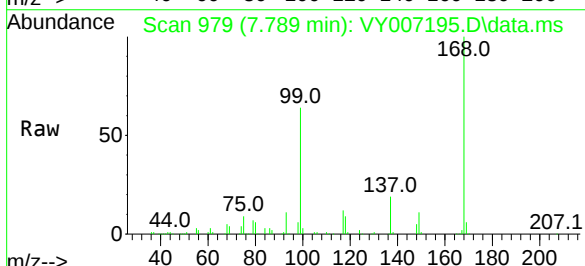
Tgt Ion: 56 Resp: 2893

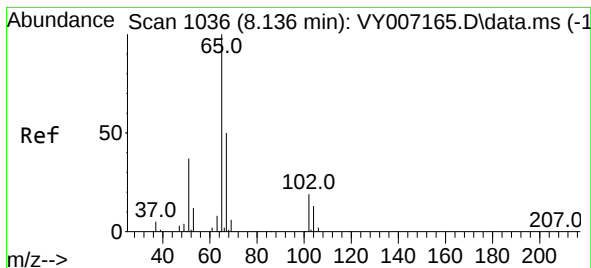
Ion Ratio Lower Upper

56 100

69 160.8 27.2 40.8#

84 131.9 72.1 108.1#





#33

1,2-Dichloroethane-d4

Concen: 60.528 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY007195.D

Acq: 17 Jan 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

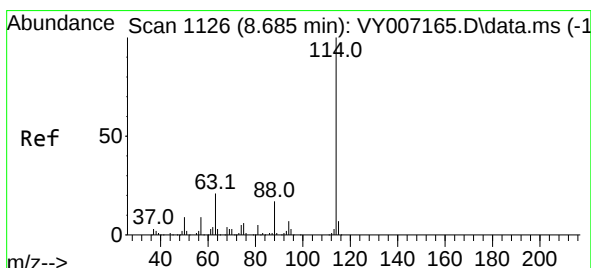
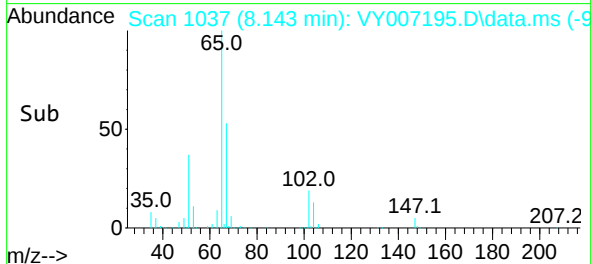
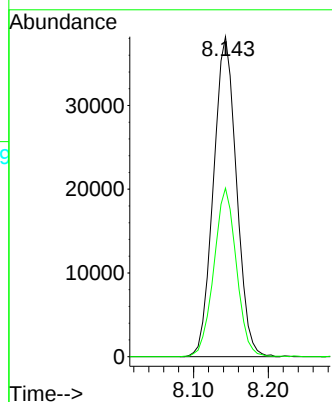
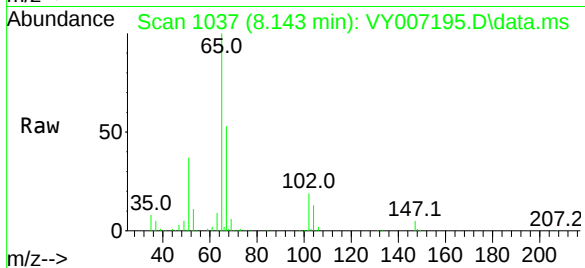
NB-07-011422

Tgt Ion: 65 Resp: 81713

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VY007195.D

Acq: 17 Jan 2022 18:48

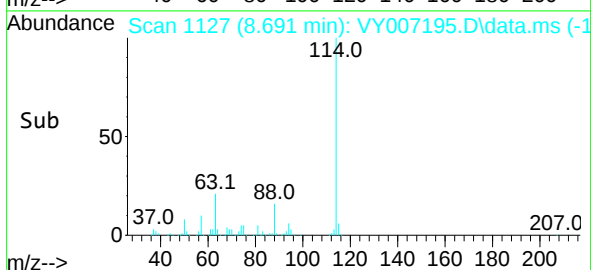
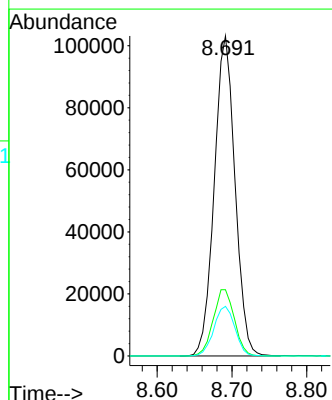
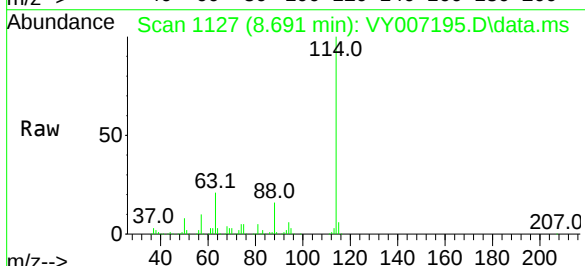
Tgt Ion: 114 Resp: 198548

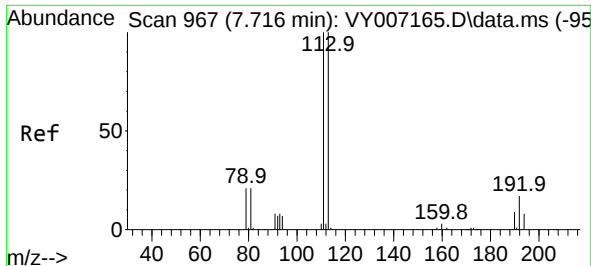
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

88 15.5 0.0 31.0

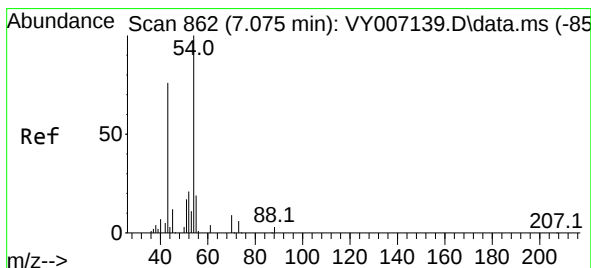
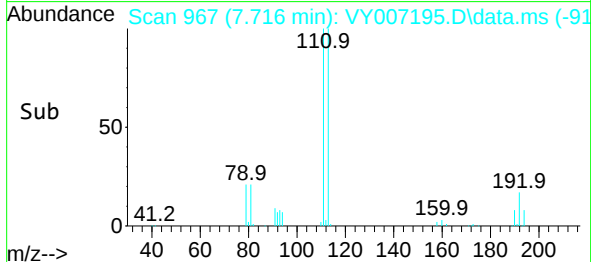
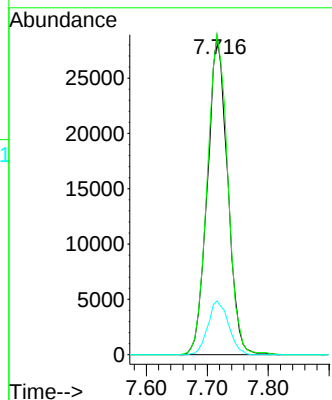
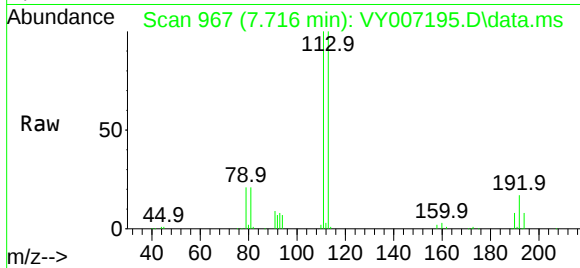




#35
Dibromofluoromethane
Concen: 49.289 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.001 min
Lab File: VY007195.D
Acq: 17 Jan 2022 18:48

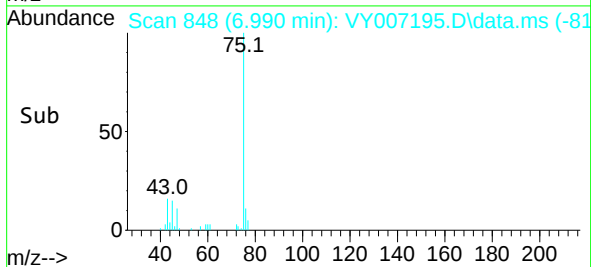
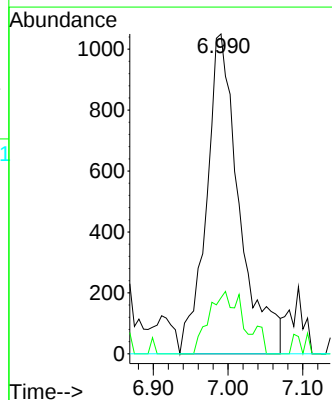
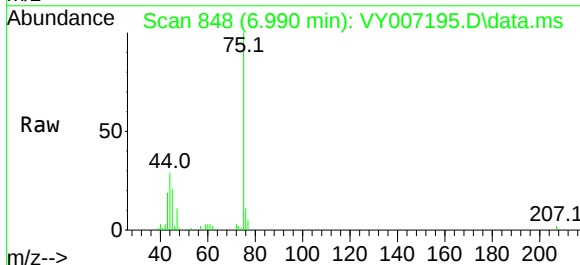
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-011422

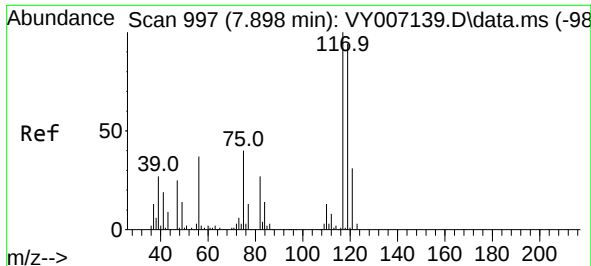
Tgt Ion:113 Resp: 66173
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 17.3 14.2 21.4



#37
Ethyl Acetate
Concen: 2.923 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.085 min
Lab File: VY007195.D
Acq: 17 Jan 2022 18:48

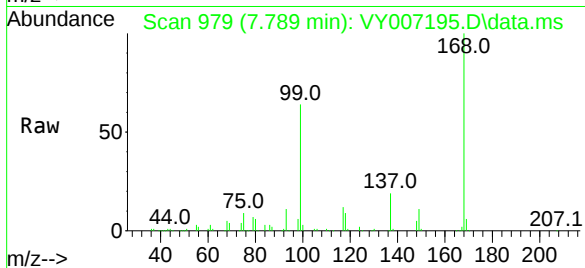
Tgt Ion: 43 Resp: 3216
Ion Ratio Lower Upper
43 100
61 18.2 11.8 17.8#
70 0.0 9.0 13.4#



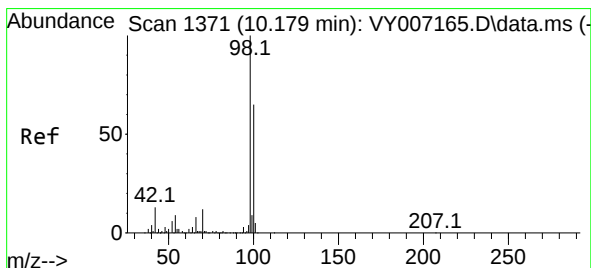
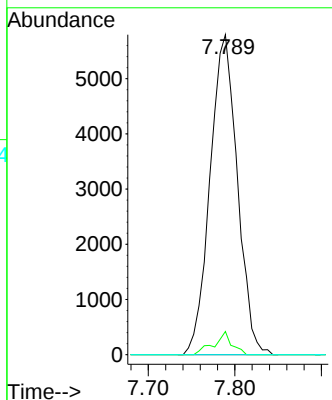
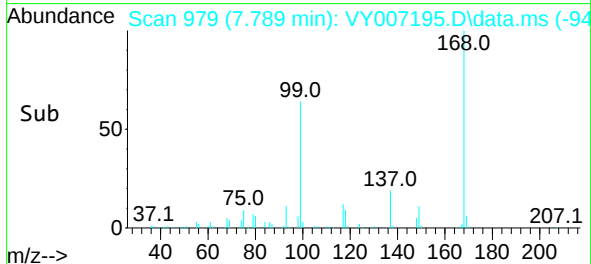


#38
Carbon Tetrachloride
Concen: 5.632 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY007195.D
Acq: 17 Jan 2022 18:48

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-011422

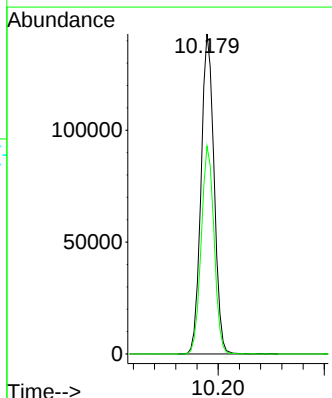
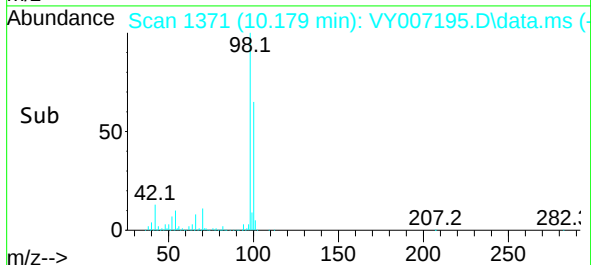
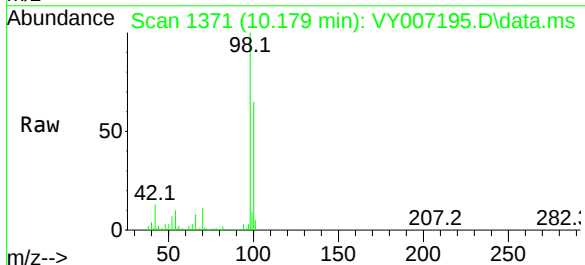


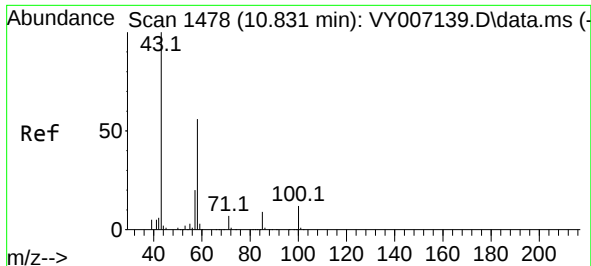
Tgt Ion:117 Resp: 12703
Ion Ratio Lower Upper
117 100
119 7.3 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.572 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY007195.D
Acq: 17 Jan 2022 18:48

Tgt Ion: 98 Resp: 243179
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2

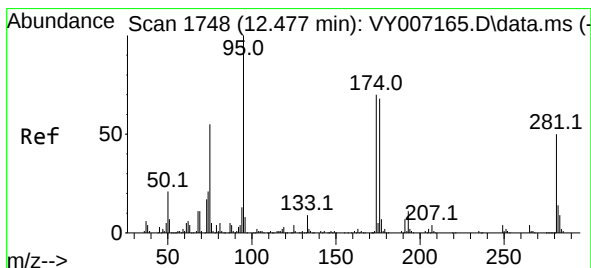
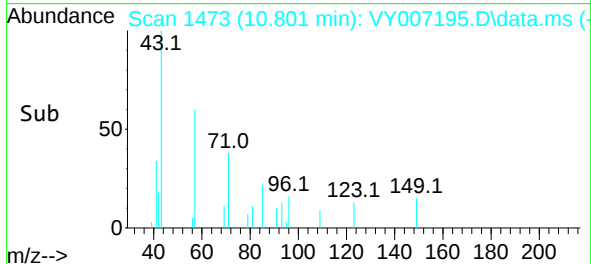
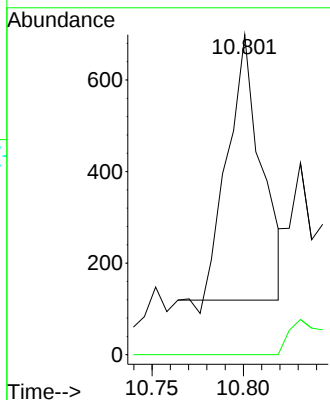
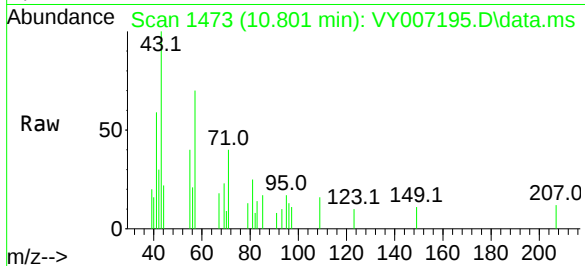




#59
2-Hexanone
Concen: 1.007 ug/l
RT: 10.801 min Scan# 1478
Delta R.T. -0.030 min
Lab File: VY007195.D
Acq: 17 Jan 2022 18:48

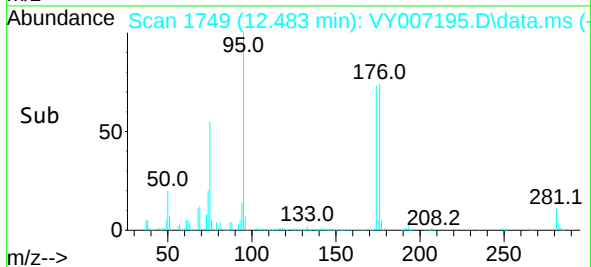
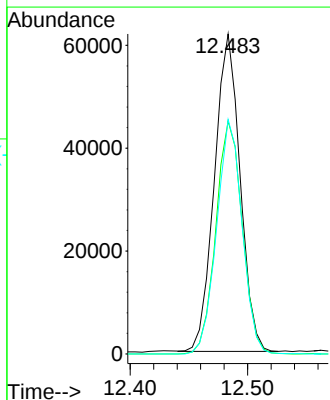
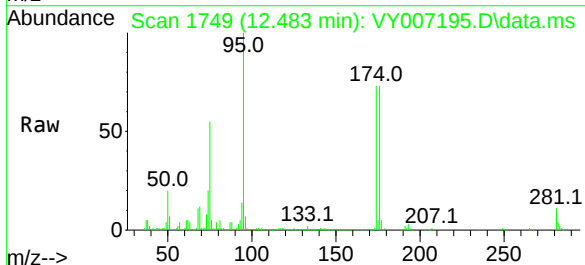
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-011422

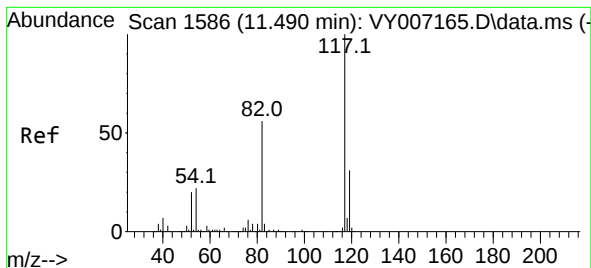
Tgt Ion: 43 Resp: 742
Ion Ratio Lower Upper
43 100
58 0.0 28.4 85.3#



#62
4-Bromofluorobenzene
Concen: 53.683 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VY007195.D
Acq: 17 Jan 2022 18:48

Tgt Ion: 95 Resp: 93677
Ion Ratio Lower Upper
95 100
174 75.2 0.0 148.4
176 73.2 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY007195.D

Acq: 17 Jan 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-011422

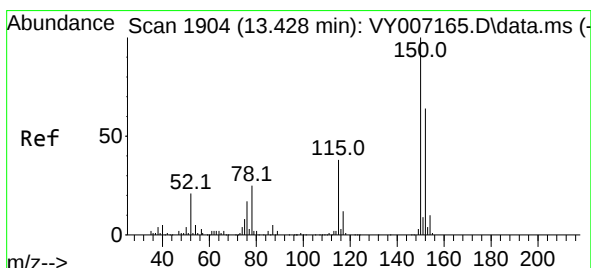
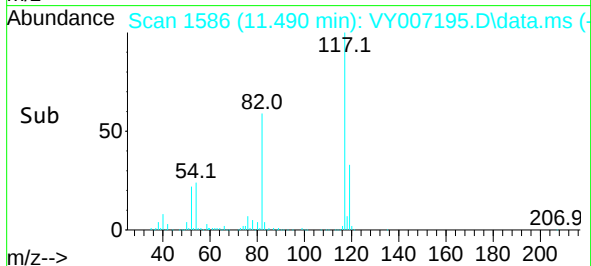
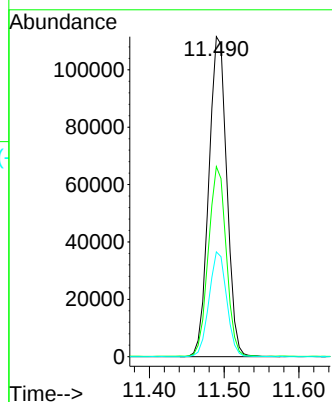
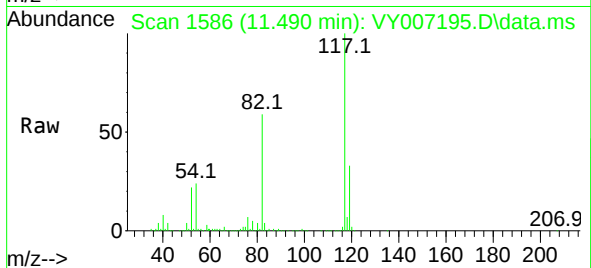
Tgt Ion:117 Resp: 186556

Ion Ratio Lower Upper

117 100

82 59.2 45.4 68.0

119 32.8 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.001 min

Lab File: VY007195.D

Acq: 17 Jan 2022 18:48

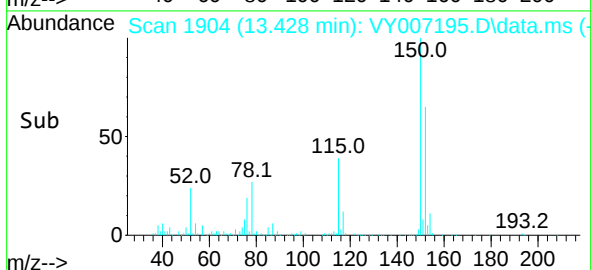
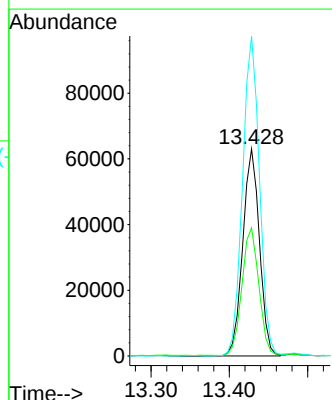
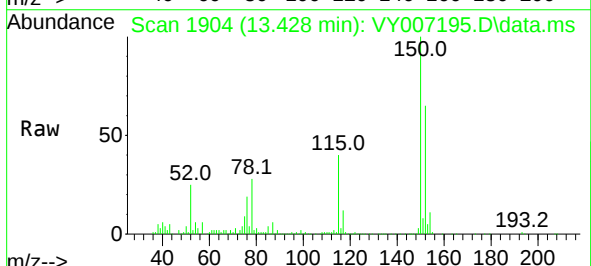
Tgt Ion:152 Resp: 93330

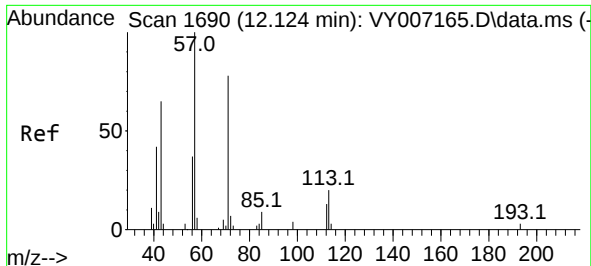
Ion Ratio Lower Upper

152 100

115 62.5 31.4 94.0

150 156.5 0.0 348.4

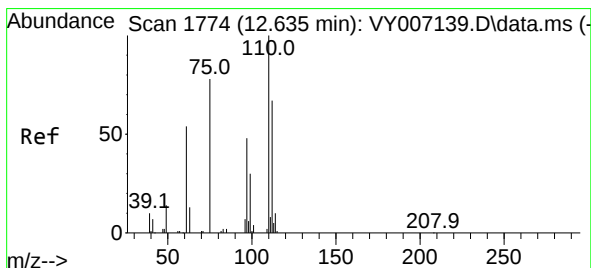
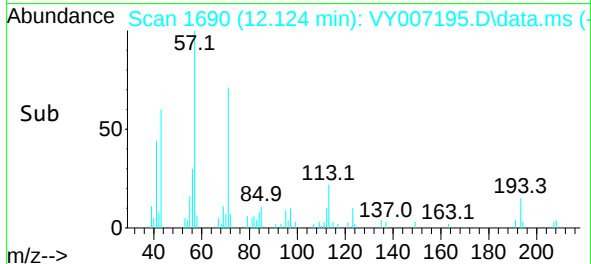
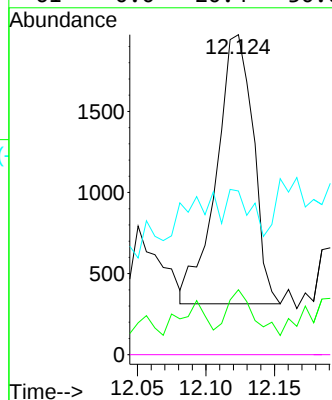
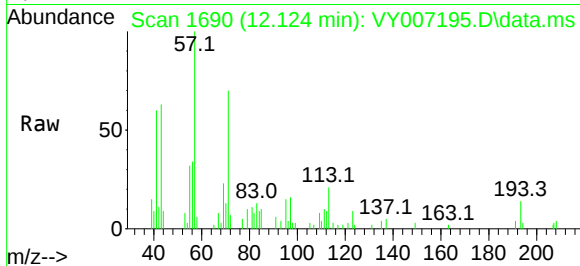




#74
N-amy1 acetate
Concen: 1.443 ug/l
RT: 12.124 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY007195.D
Acq: 17 Jan 2022 18:48

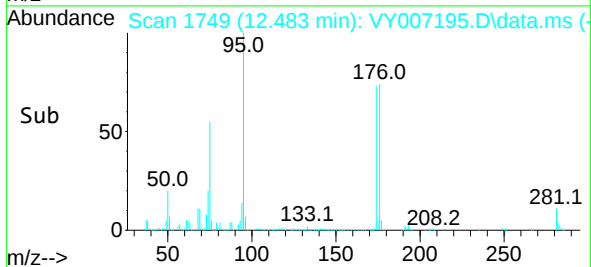
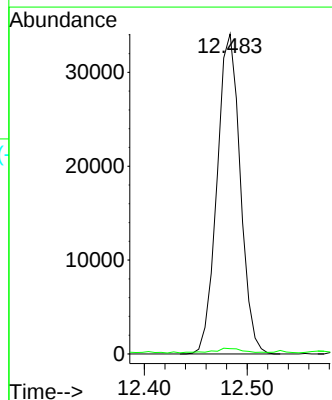
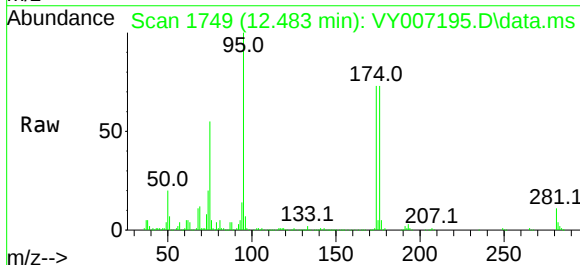
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-011422

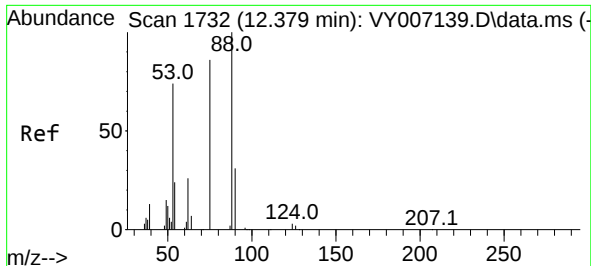
Tgt Ion: 43 Resp: 3110
Ion Ratio Lower Upper
43 100
70 11.9 36.2 54.4#
55 0.0 19.0 28.4#
61 0.0 20.4 30.6#



#76
1,2,3-Trichloropropane
Concen: 50.221 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007195.D
Acq: 17 Jan 2022 18:48

Tgt Ion: 75 Resp: 53446
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#

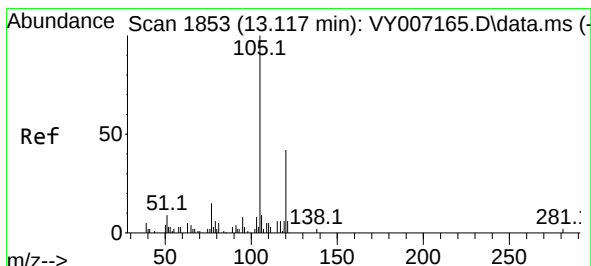
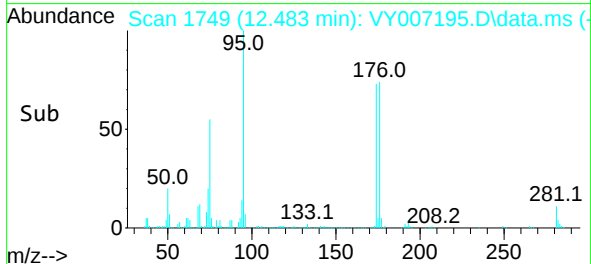
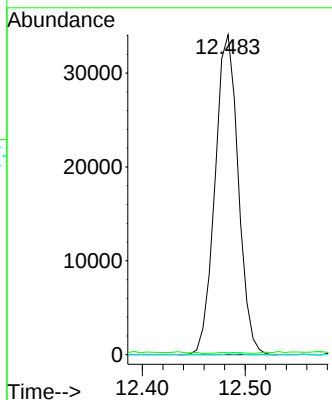
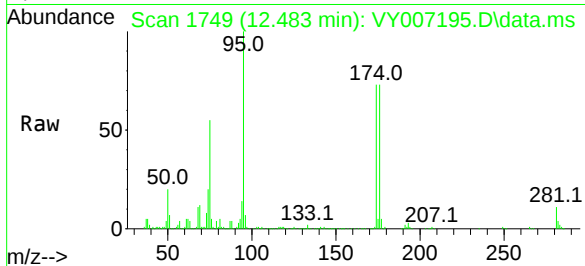




#81
trans-1,4-Dichloro-2-butene
Concen: 91.942 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007195.D
Acq: 17 Jan 2022 18:48

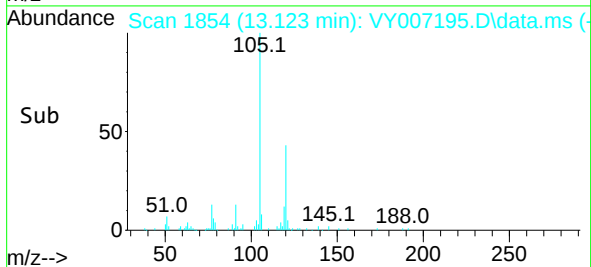
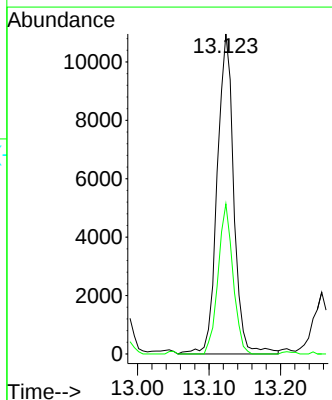
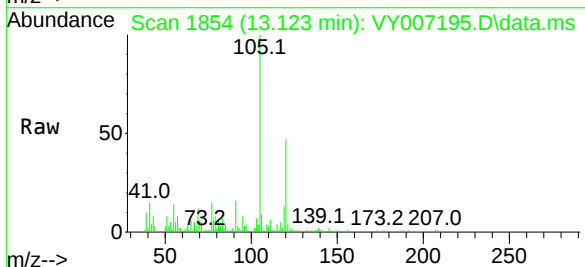
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-011422

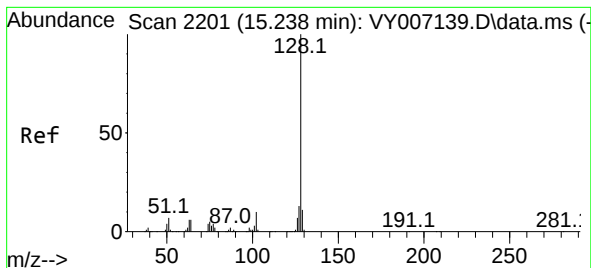
Tgt Ion: 75 Resp: 53446
Ion Ratio Lower Upper
75 100
53 0.4 73.9 110.9#
89 0.2 0.0 0.0#



#84
1,2,4-Trimethylbenzene
Concen: 2.689 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.001 min
Lab File: VY007195.D
Acq: 17 Jan 2022 18:48

Tgt Ion: 105 Resp: 17642
Ion Ratio Lower Upper
105 100
120 41.9 21.6 64.6





#95

Naphthalene

Concen: 1.764 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.001 min

Lab File: VY007195.D

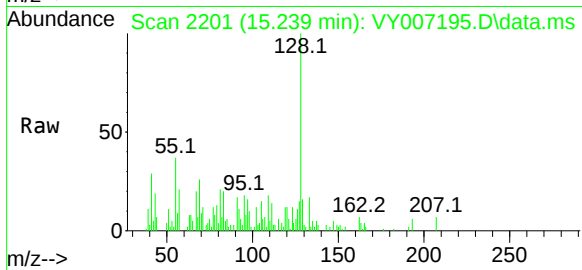
Acq: 17 Jan 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-011422



Tgt Ion:128 Resp: 6959

Ion Ratio Lower Upper

128 100

127 16.9 10.3 15.5#

129 14.2 8.9 13.3#

