

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006771.D
 Acq On : 16 Nov 2021 18:59
 Operator : SY/MD
 Sample : M4683-01
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-111221RE

Quant Time: Nov 17 04:09:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

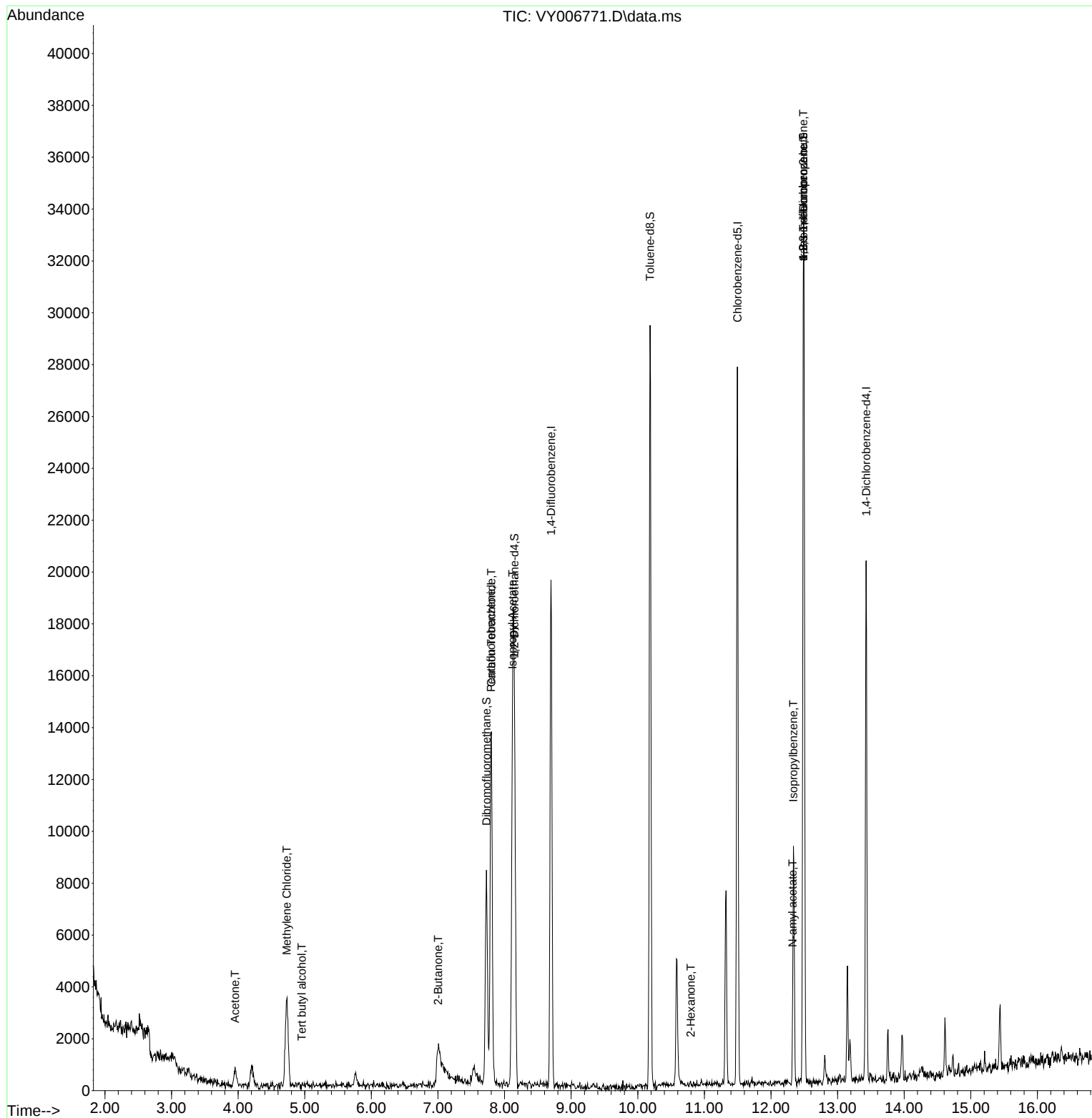
Internal Standards						
1) Pentafluorobenzene	7.795	168	10352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	15738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	13093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	7584	55.898	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.800%	
35) Dibromofluoromethane	7.728	113	5474	56.626	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.260%	
50) Toluene-d8	10.185	98	20054	50.131	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.260%	
62) 4-Bromofluorobenzene	12.483	95	5268	39.063	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.120%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	134	6.567	ug/l #	72
16) Acetone	3.954	43	1208	29.305	ug/l	90
20) Methylene Chloride	4.729	84	2303	16.424	ug/l	93
25) 2-Butanone	7.003	43	64	12.519	ug/l #	52
38) Carbon Tetrachloride	7.801	117	1092	6.241	ug/l #	12
43) Isopropyl Acetate	8.118	43	537	2.503	ug/l #	26
59) 2-Hexanone	10.795	43	18	24.013	ug/l #	28
73) Isopropylbenzene	12.337	105	358	1.026	ug/l #	48
74) N-amyl acetate	12.325	43	139	4.186	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	3147	63.199	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3147	125.228	ug/l #	7

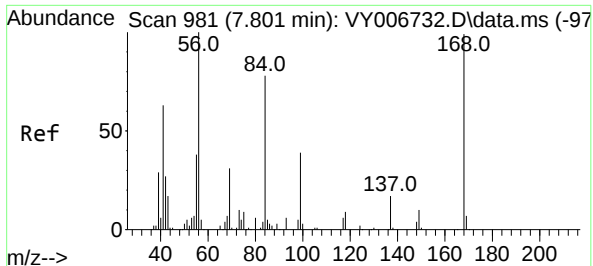
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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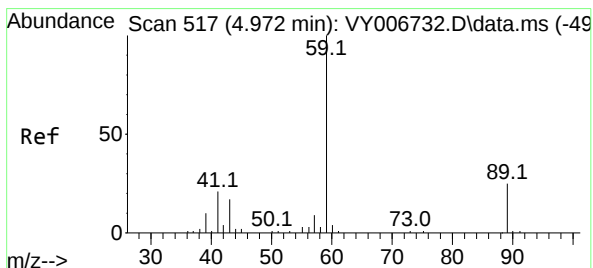
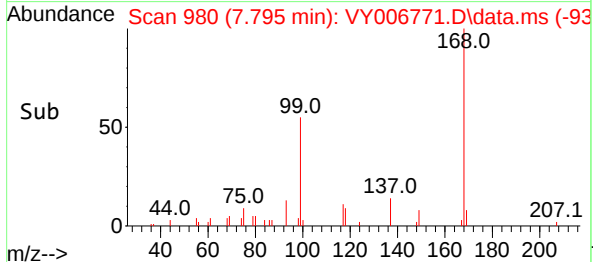
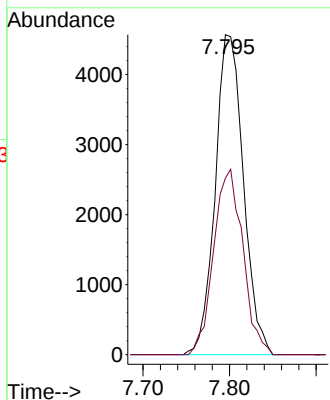
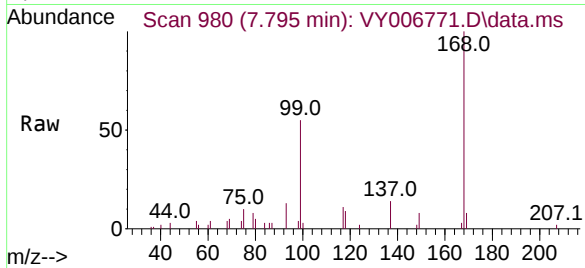




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY006771.D
Acq: 16 Nov 2021 18:59

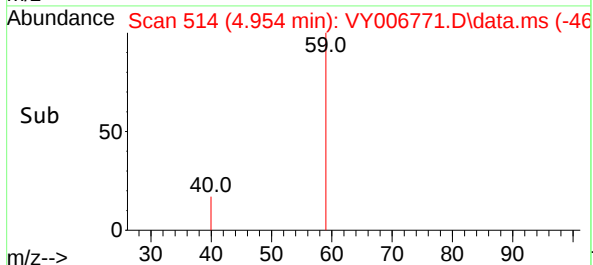
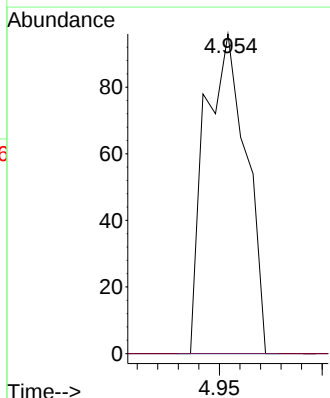
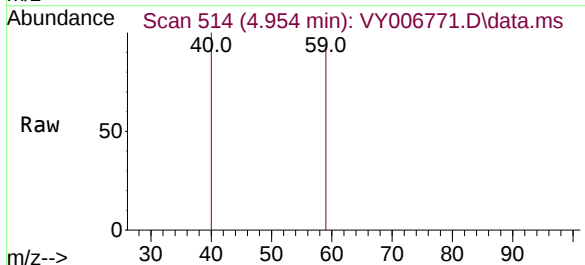
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-111221RE

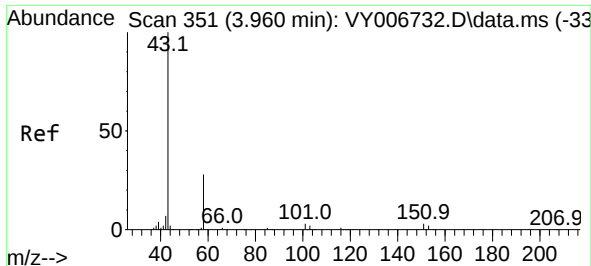
Tgt Ion:168 Resp: 10352
Ion Ratio Lower Upper
168 100
99 55.2 44.8 67.2



#11
Tert butyl alcohol
Concen: 6.567 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY006771.D
Acq: 16 Nov 2021 18:59

Tgt Ion: 59 Resp: 134
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

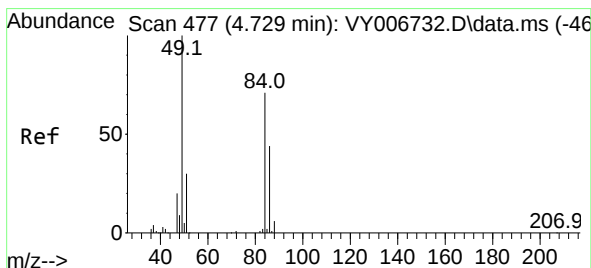
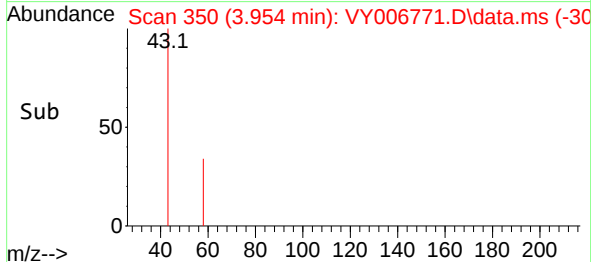
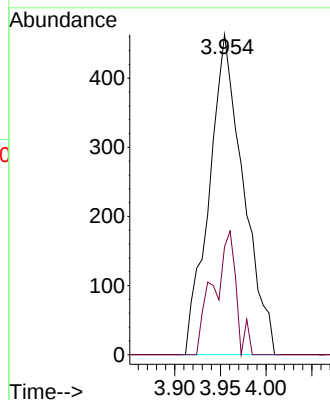
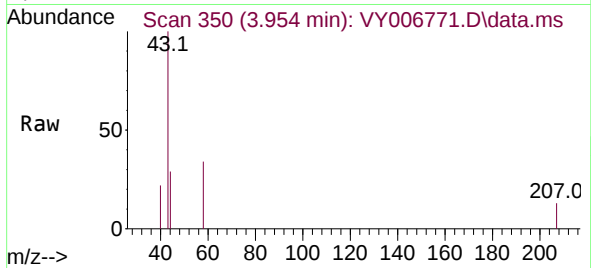




#16
Acetone
Concen: 29.305 ug/l
RT: 3.954 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY006771.D
Acq: 16 Nov 2021 18:59

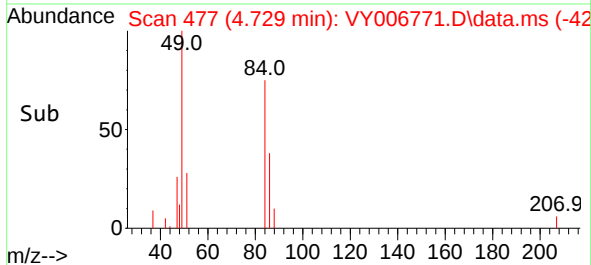
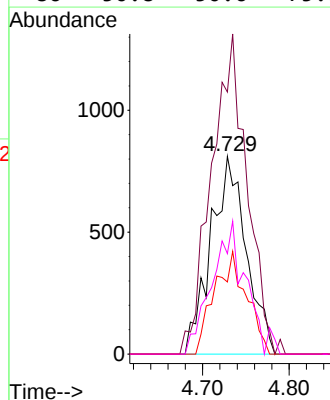
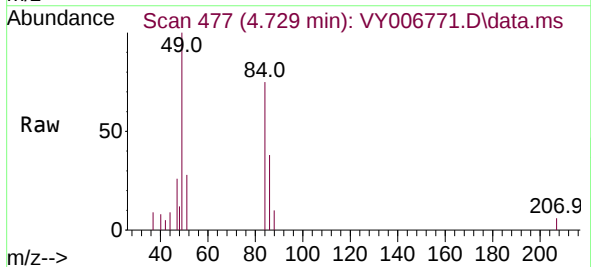
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-111221RE

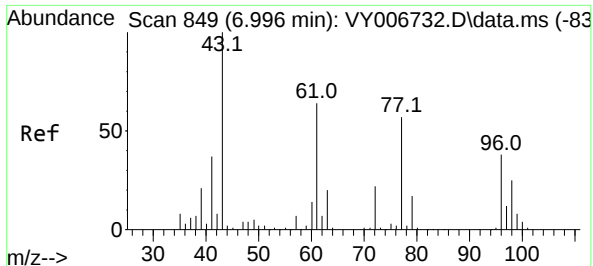
Tgt Ion: 43 Resp: 1208
Ion Ratio Lower Upper
43 100
58 33.7 22.9 34.3



#20
Methylene Chloride
Concen: 16.424 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006771.D
Acq: 16 Nov 2021 18:59

Tgt Ion: 84 Resp: 2303
Ion Ratio Lower Upper
84 100
49 132.6 107.8 161.8
51 36.5 32.8 49.2
86 50.8 50.6 75.8





#25

2-Butanone

Concen: 12.519 ug/l

RT: 7.003 min Scan# 8

Delta R.T. 0.007 min

Lab File: VY006771.D

Acq: 16 Nov 2021 18:59

Instrument :

MSVOA_Y

ClientSampleId :

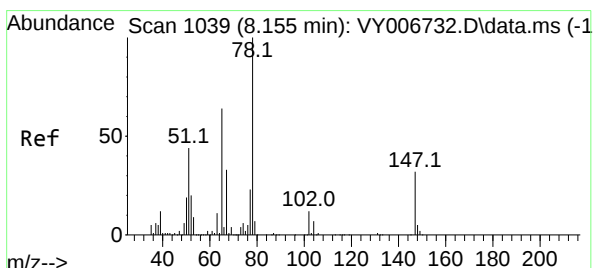
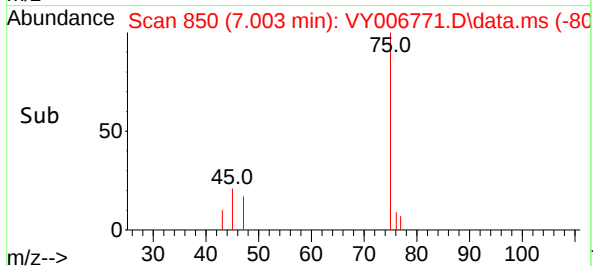
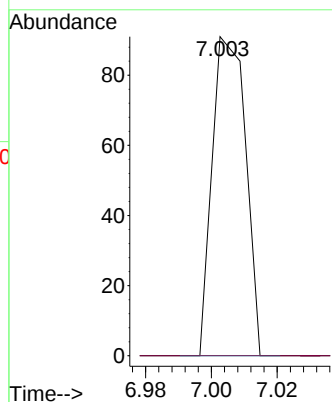
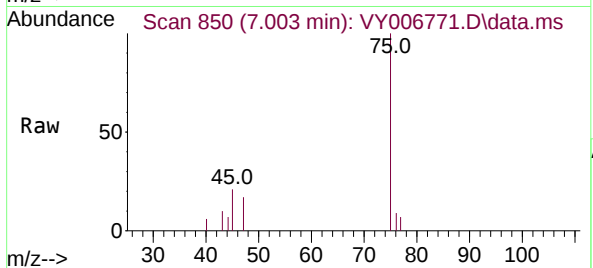
NB-07-111221RE

Tgt Ion: 43 Resp: 64

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#33

1,2-Dichloroethane-d4

Concen: 55.898 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006771.D

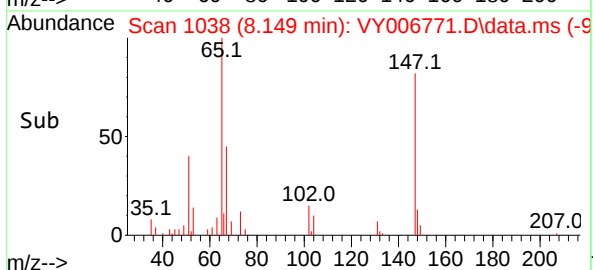
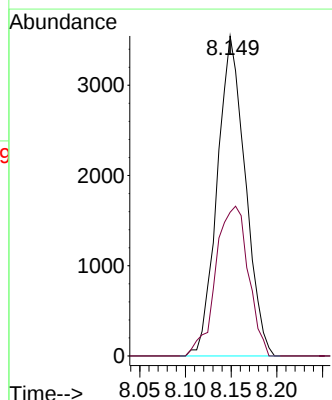
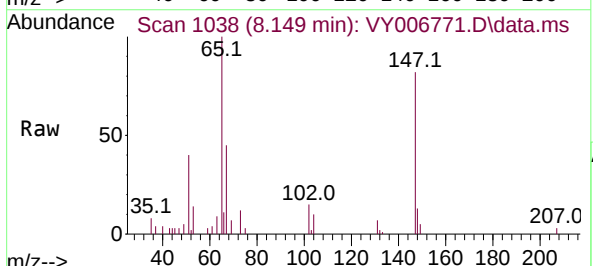
Acq: 16 Nov 2021 18:59

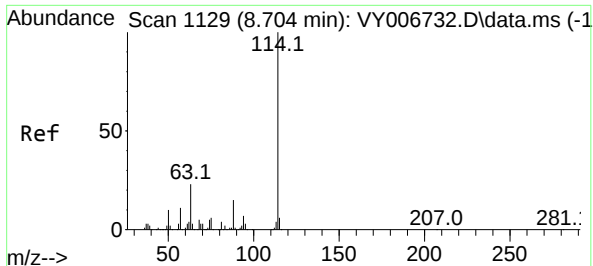
Tgt Ion: 65 Resp: 7584

Ion Ratio Lower Upper

65 100

67 54.4 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006771.D

Acq: 16 Nov 2021 18:59

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-111221RE

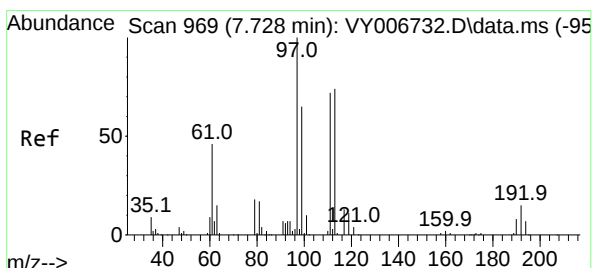
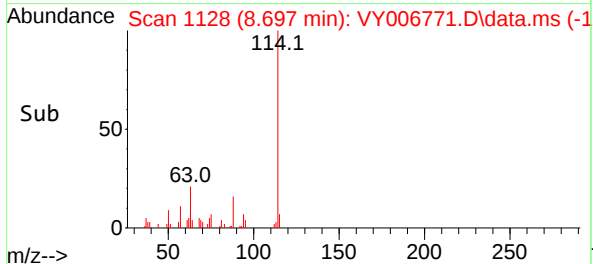
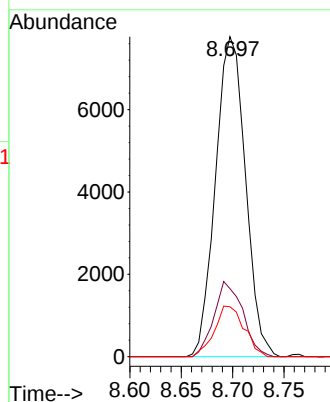
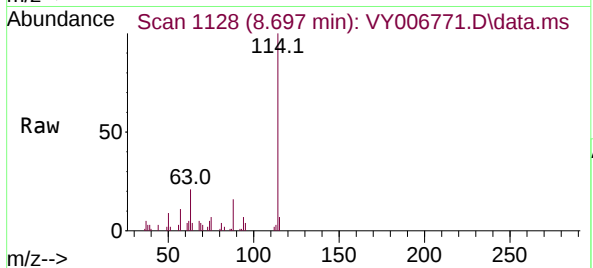
Tgt Ion:114 Resp: 15738

Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.626 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY006771.D

Acq: 16 Nov 2021 18:59

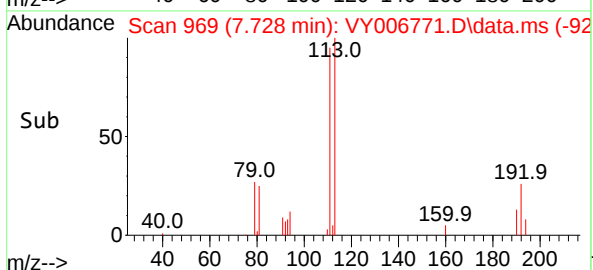
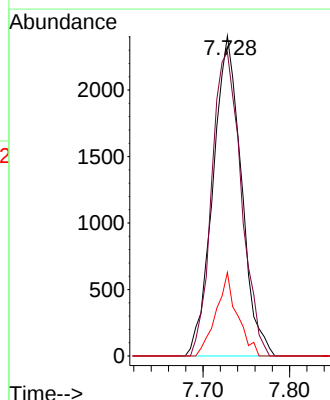
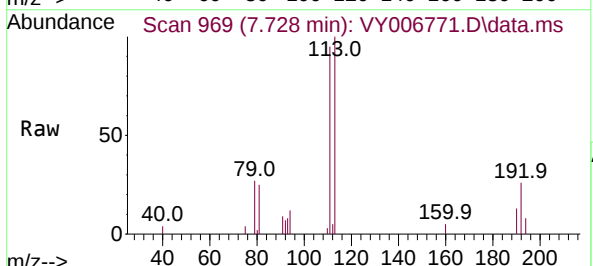
Tgt Ion:113 Resp: 5474

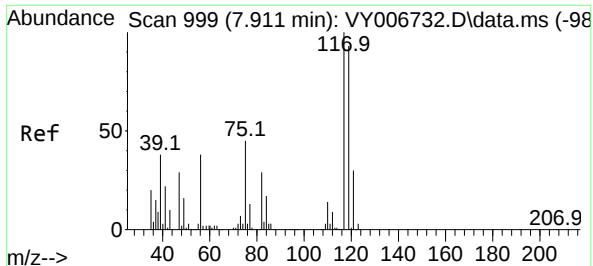
Ion Ratio Lower Upper

113 100

111 98.4 82.3 123.5

192 19.5 17.4 26.2

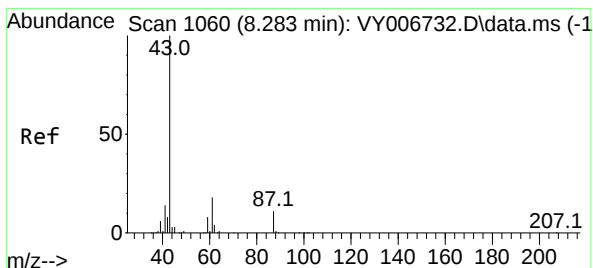
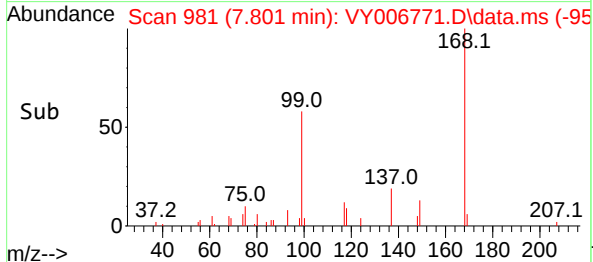
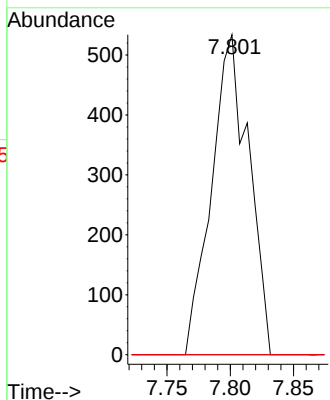
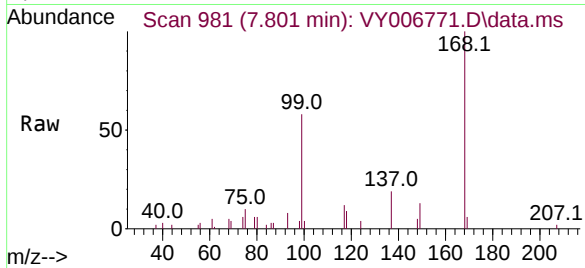




#38
Carbon Tetrachloride
Concen: 6.241 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006771.D
Acq: 16 Nov 2021 18:59

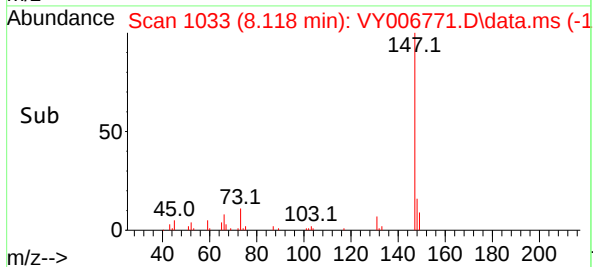
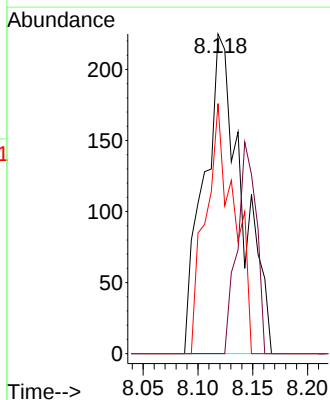
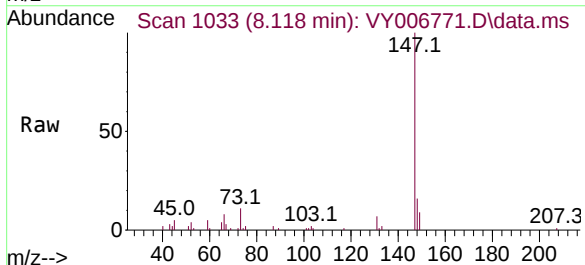
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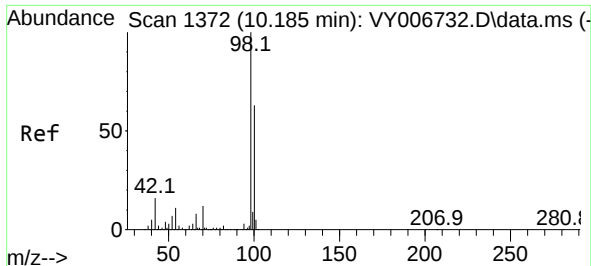
Tgt Ion:117 Resp: 1092
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 2.503 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.165 min
Lab File: VY006771.D
Acq: 16 Nov 2021 18:59

Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 59.4 9.0 13.6#

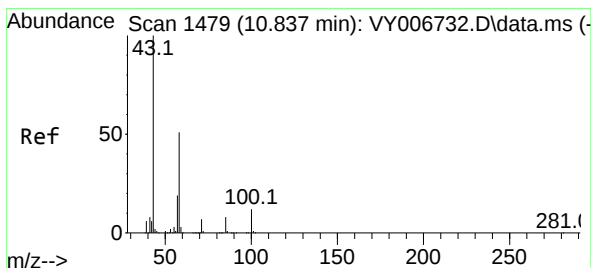
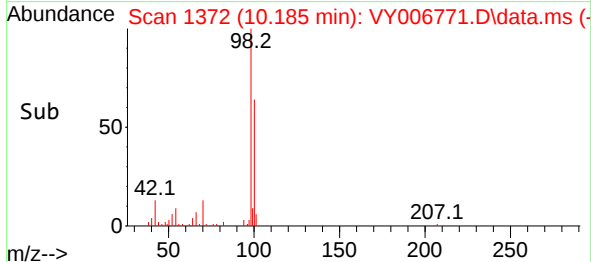
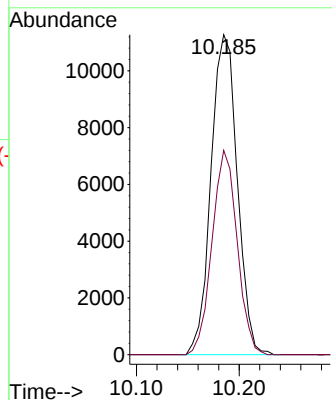
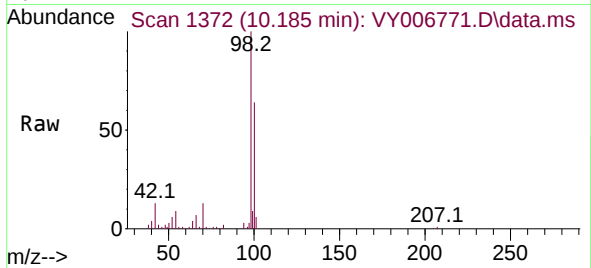




#50
Toluene-d8
Concen: 50.131 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006771.D
Acq: 16 Nov 2021 18:59

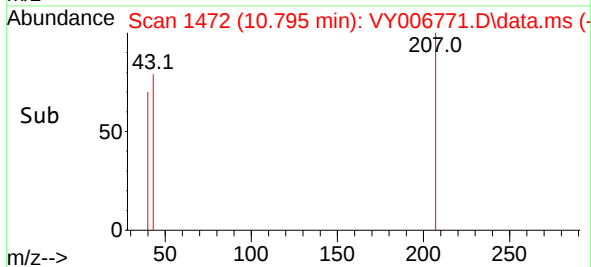
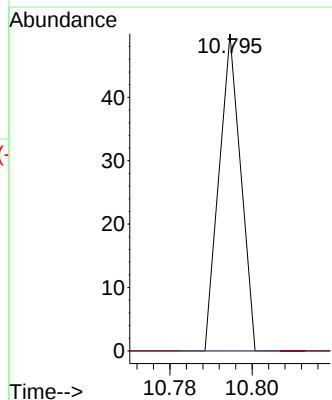
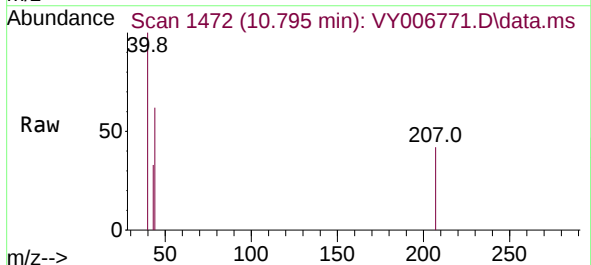
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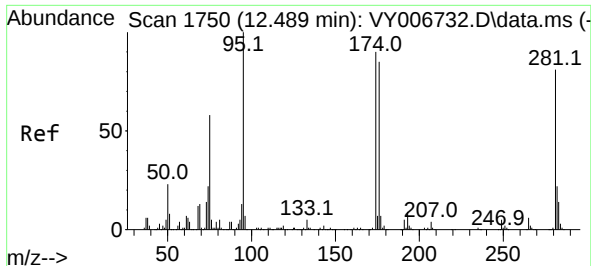
Tgt Ion: 98 Resp: 20054
Ion Ratio Lower Upper
98 100
100 61.0 50.9 76.3



#59
2-Hexanone
Concen: 24.013 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. -0.042 min
Lab File: VY006771.D
Acq: 16 Nov 2021 18:59

Tgt Ion: 43 Resp: 18
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

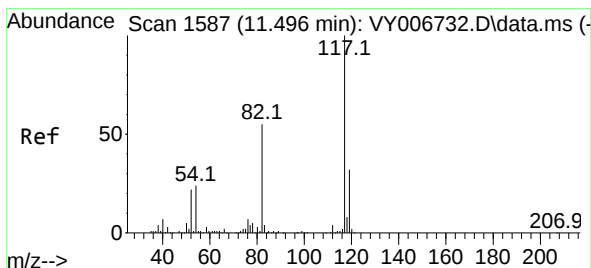
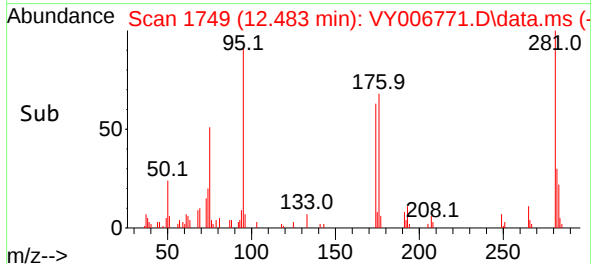
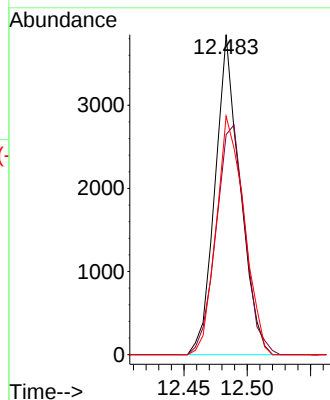
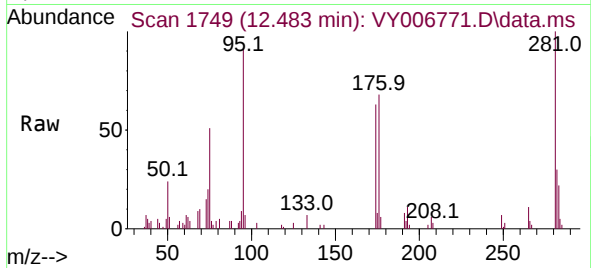




#62
4-Bromofluorobenzene
Concen: 39.063 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006771.D
Acq: 16 Nov 2021 18:59

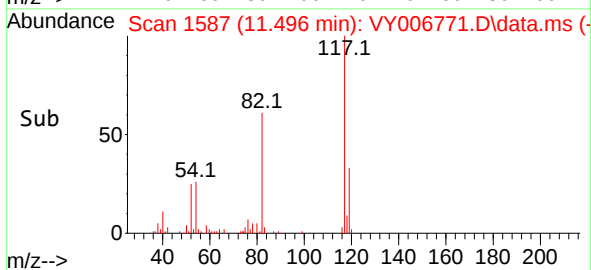
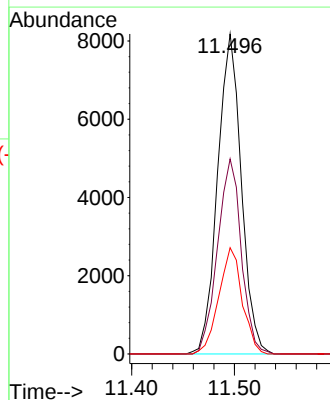
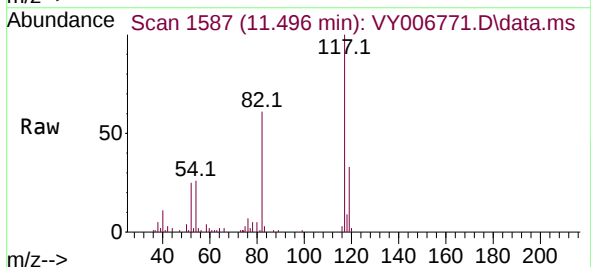
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-111221RE

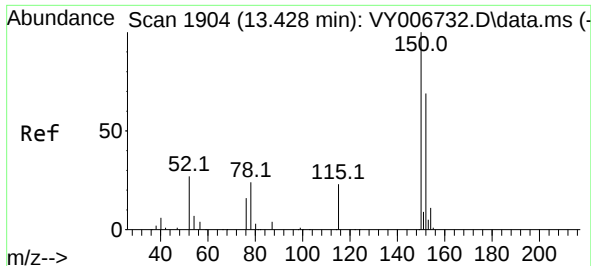
Tgt Ion: 95 Resp: 5268
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 83.8 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006771.D
Acq: 16 Nov 2021 18:59

Tgt Ion: 117 Resp: 13093
Ion Ratio Lower Upper
117 100
82 60.9 45.7 68.5
119 33.2 25.5 38.3

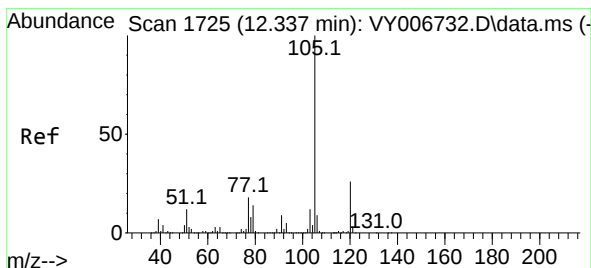
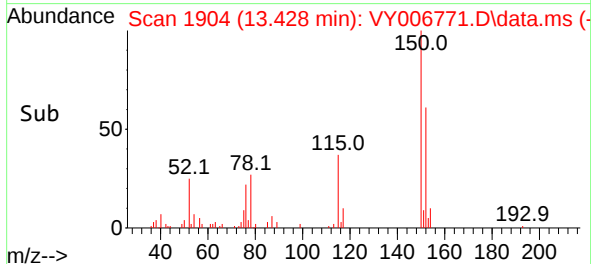
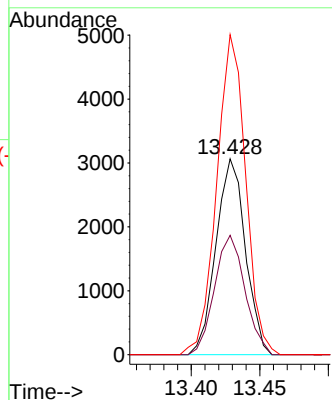
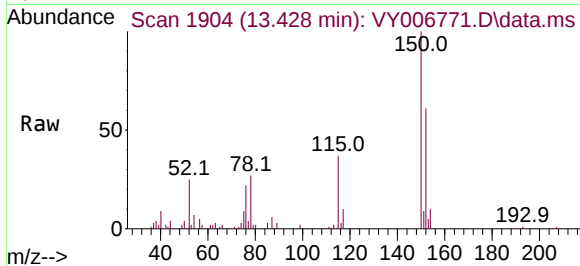




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006771.D
Acq: 16 Nov 2021 18:59

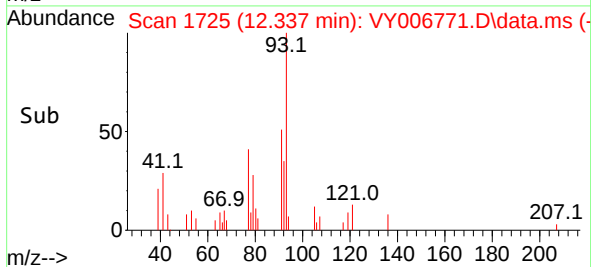
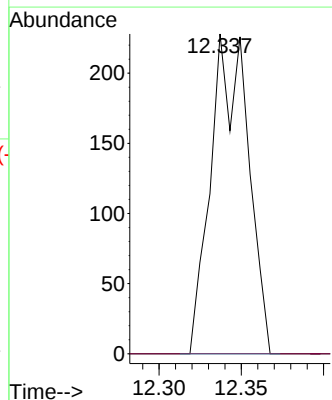
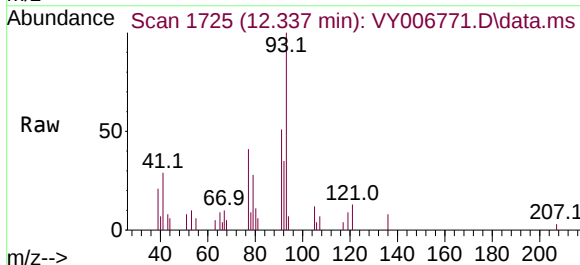
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-111221RE

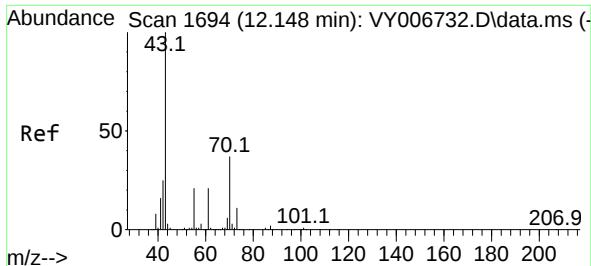
Tgt Ion:152 Resp: 4580
Ion Ratio Lower Upper
152 100
115 63.1 28.5 85.5
150 160.5 0.0 348.2



#73
Isopropylbenzene
Concen: 1.026 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY006771.D
Acq: 16 Nov 2021 18:59

Tgt Ion:105 Resp: 358
Ion Ratio Lower Upper
105 100
120 0.0 13.3 39.9#

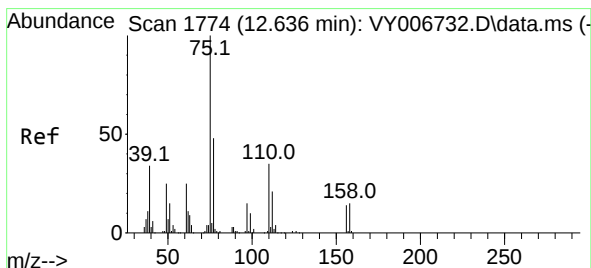
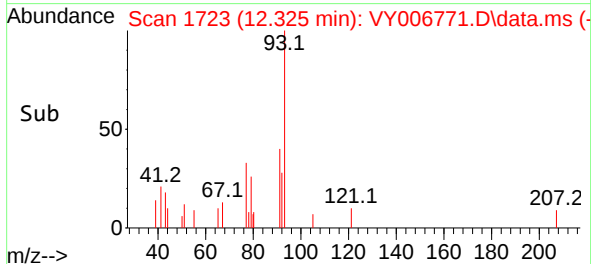
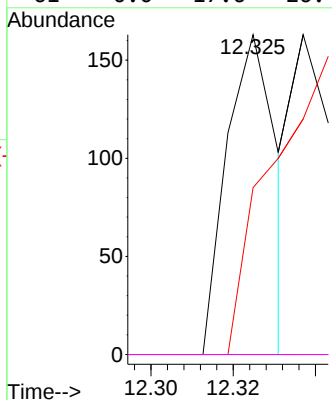
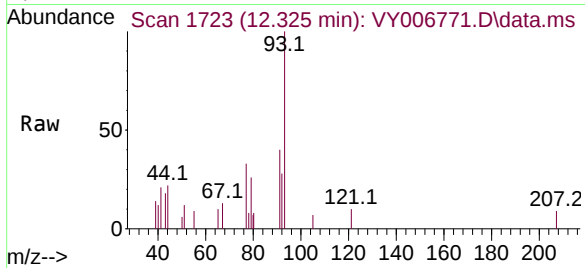




#74
N-amy1 acetate
Concen: 4.186 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.177 min
Lab File: VY006771.D
Acq: 16 Nov 2021 18:59

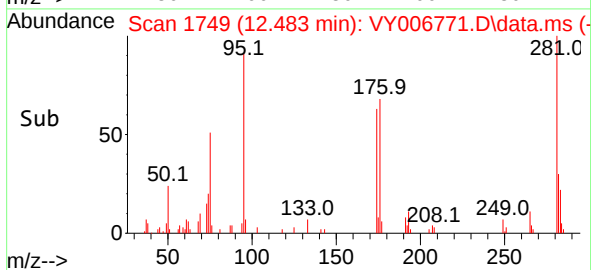
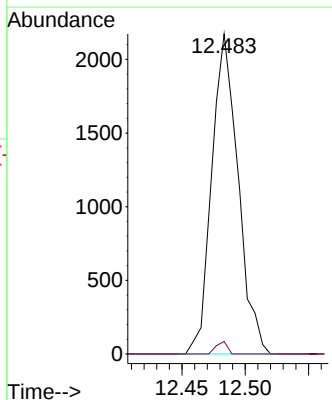
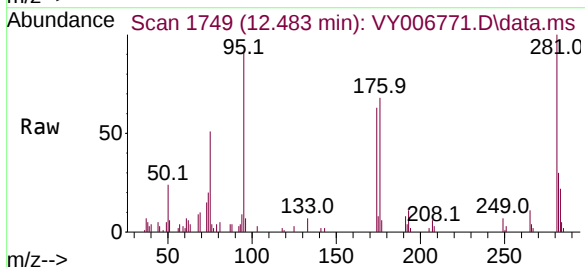
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-111221RE

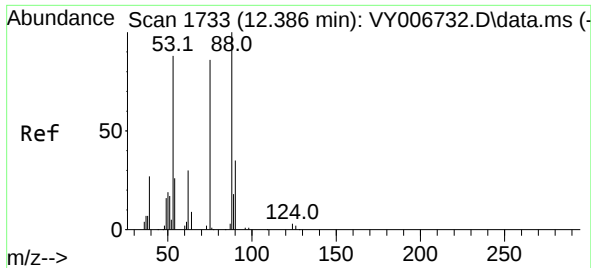
Tgt Ion: 43	Resp: 139
Ion Ratio	Lower Upper
43 100	
70 0.0	29.4 44.0#
55 142.4	18.1 27.1#
61 0.0	17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 63.199 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006771.D
Acq: 16 Nov 2021 18:59

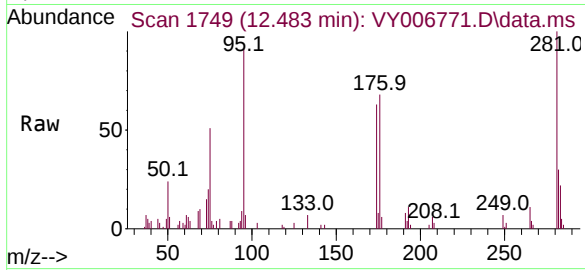
Tgt Ion: 75	Resp: 3147
Ion Ratio	Lower Upper
75 100	
77 1.7	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.228 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY006771.D
 Acq: 16 Nov 2021 18:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-111221RE



Tgt Ion: 75 Resp: 3147
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.0 39.3 58.9#

