

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006759.D
 Acq On : 16 Nov 2021 14:15
 Operator : SY/MD
 Sample : M4683-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-111221

Quant Time: Nov 17 04:07:13 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)

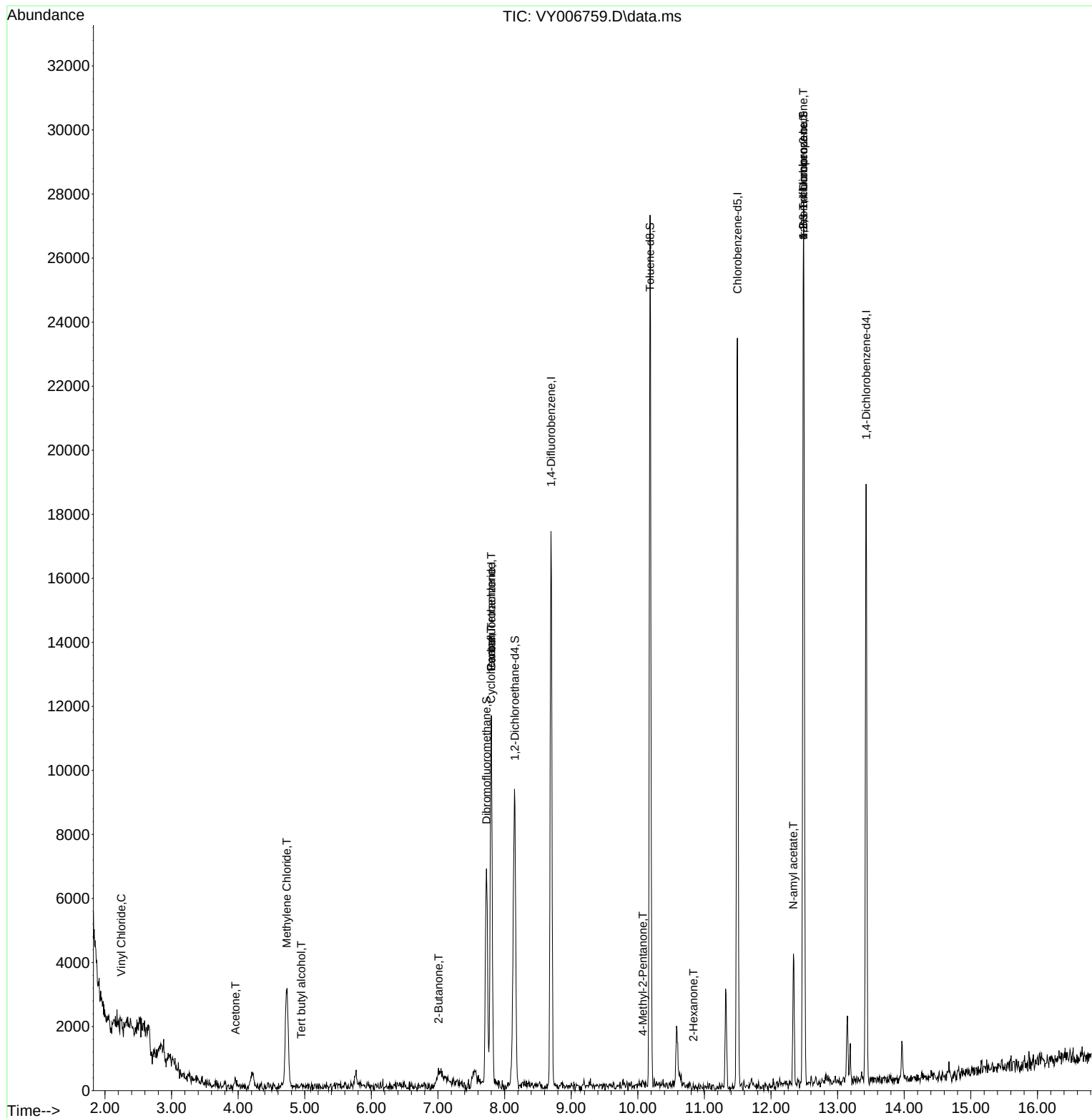
Internal Standards						
1) Pentafluorobenzene	7.801	168	8246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	13551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	13292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	7215	66.760	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.520%	
35) Dibromofluoromethane	7.728	113	4496	54.015	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.040%	
50) Toluene-d8	10.185	98	16892	49.042	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.080%	
62) 4-Bromofluorobenzene	12.483	95	5082	43.766	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.540%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.247	62	125	1.033	ug/l #	44
11) Tert butyl alcohol	4.948	59	44	2.707	ug/l #	72
16) Acetone	3.960	43	355	10.811	ug/l #	89
20) Methylene Chloride	4.728	84	2243	20.901	ug/l #	87
25) 2-Butanone	7.009	43	20	11.900	ug/l #	52
31) Cyclohexane	7.795	56	286	1.506	ug/l #	72
38) Carbon Tetrachloride	7.801	117	877	5.821	ug/l #	12
51) 4-Methyl-2-Pentanone	10.075	43	161	1.655	ug/l #	39
59) 2-Hexanone	10.837	43	32	24.222	ug/l #	28
74) N-amyl acetate	12.337	43	93	3.814	ug/l #	6
76) 1,2,3-Trichloropropane	12.483	75	2987	57.285	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2987	113.508	ug/l #	7

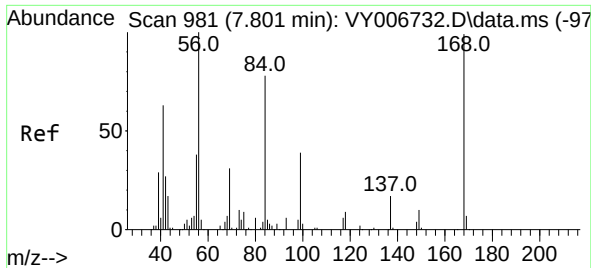
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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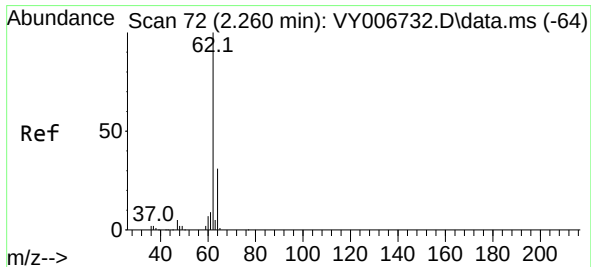
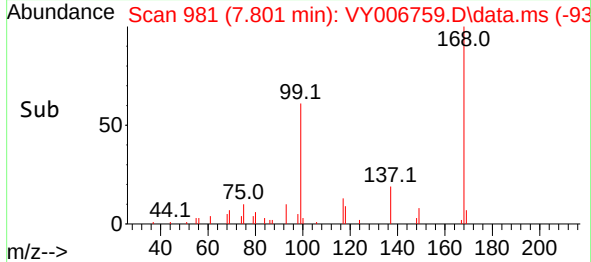
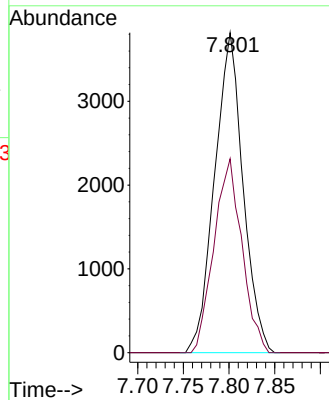
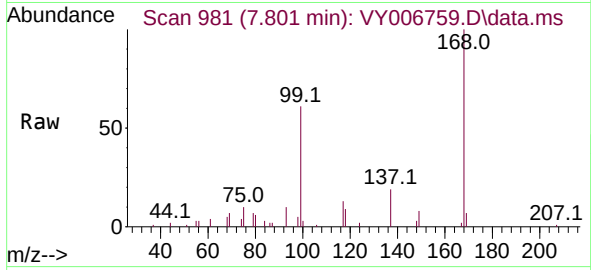




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

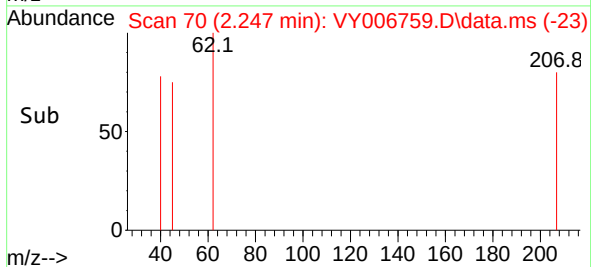
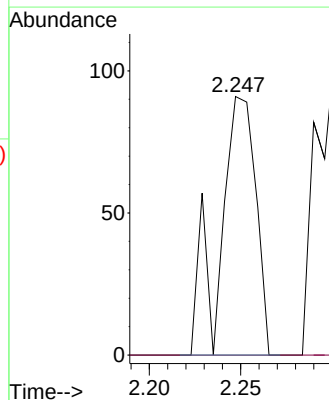
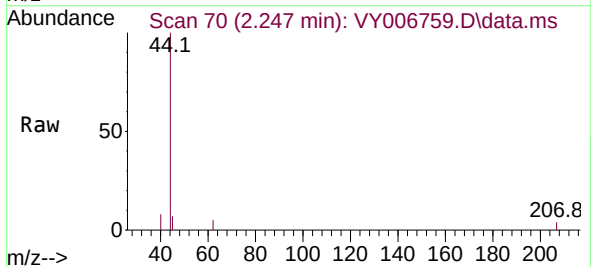
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-111221

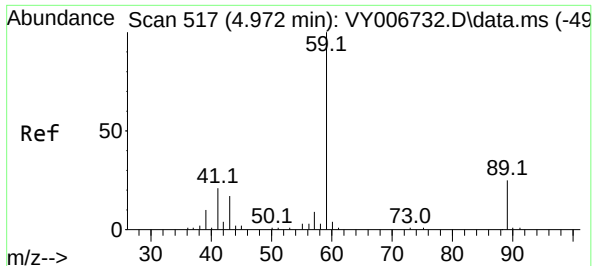
Tgt Ion:168 Resp: 8246
Ion Ratio Lower Upper
168 100
99 60.6 44.8 67.2



#4
Vinyl Chloride
Concen: 1.033 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.012 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

Tgt Ion: 62 Resp: 125
Ion Ratio Lower Upper
62 100
64 0.0 24.7 37.1#

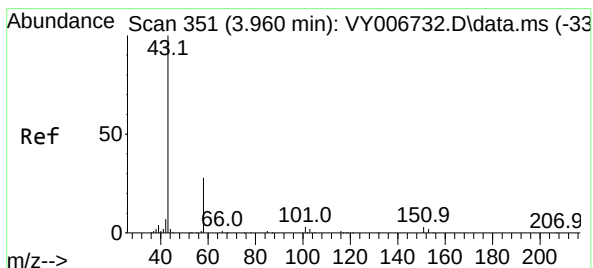
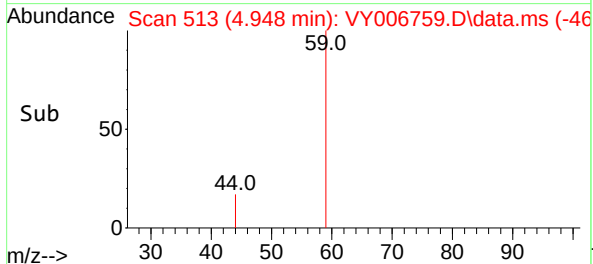
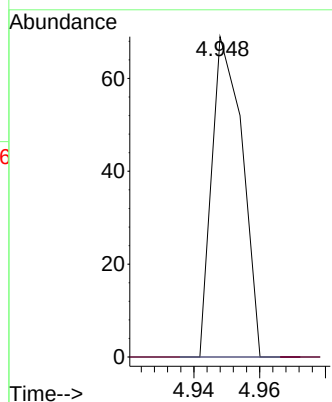
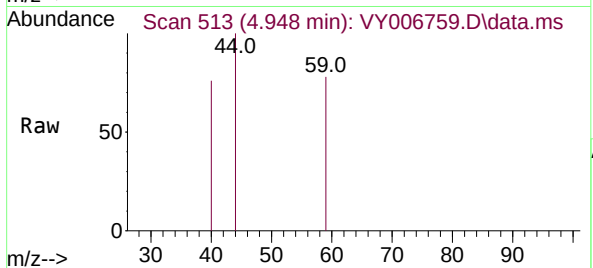




#11
Tert butyl alcohol
Concen: 2.707 ug/l
RT: 4.948 min Scan# 517
Delta R.T. -0.024 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

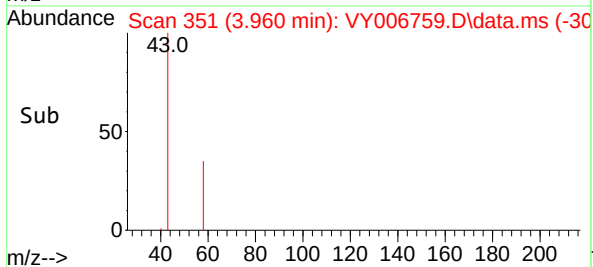
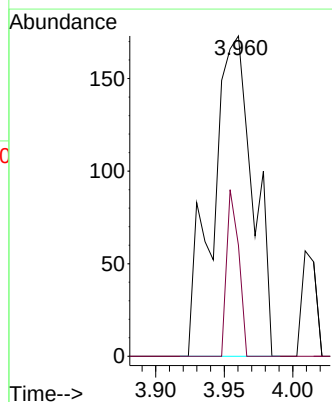
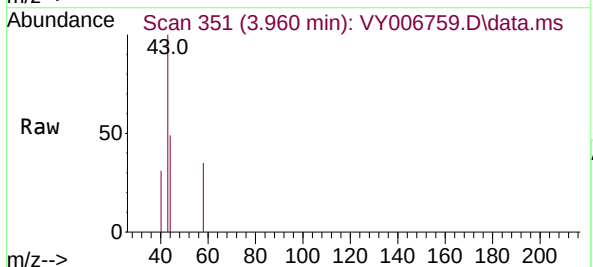
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-111221

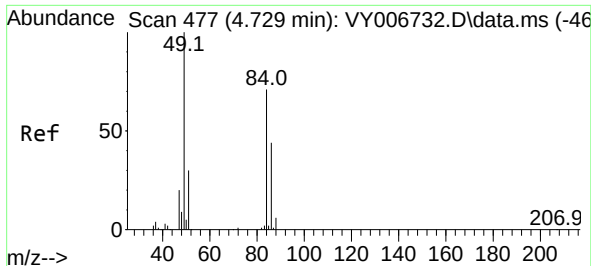
Tgt Ion: 59 Resp: 44
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 10.811 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

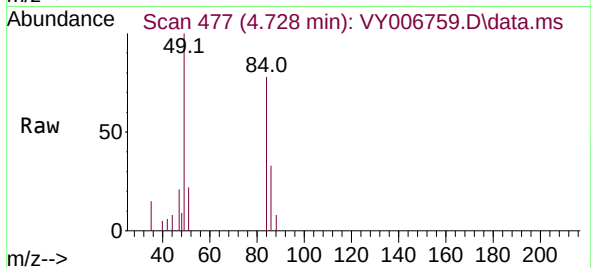
Tgt Ion: 43 Resp: 355
Ion Ratio Lower Upper
43 100
58 34.7 22.9 34.3#



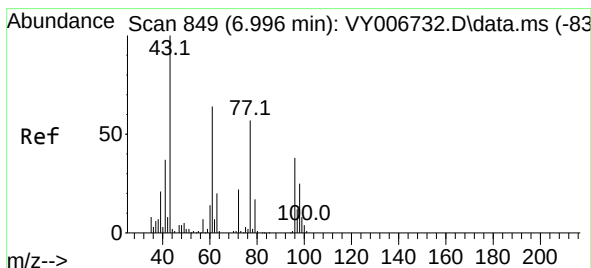
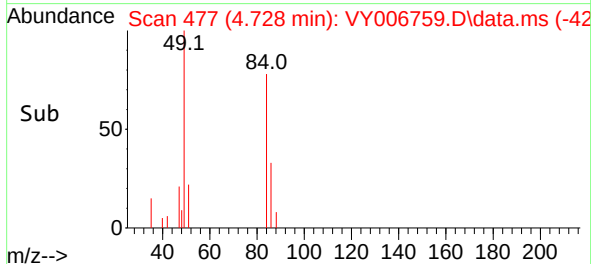
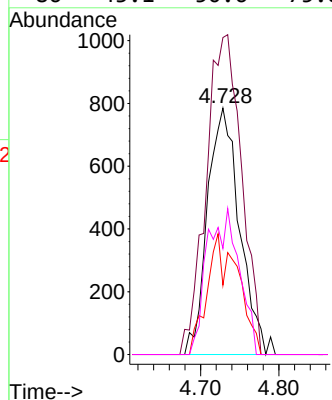


#20
Methylene Chloride
Concen: 20.901 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-111221

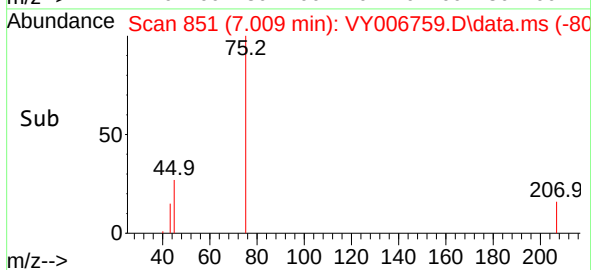
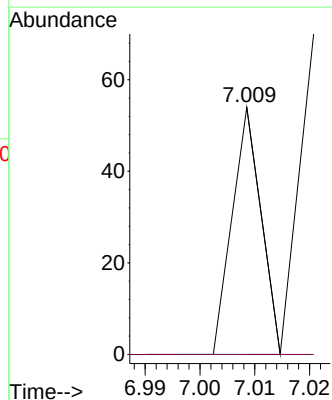
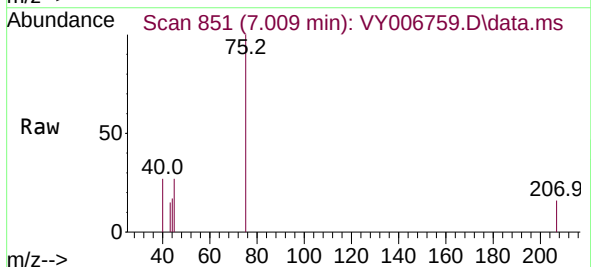


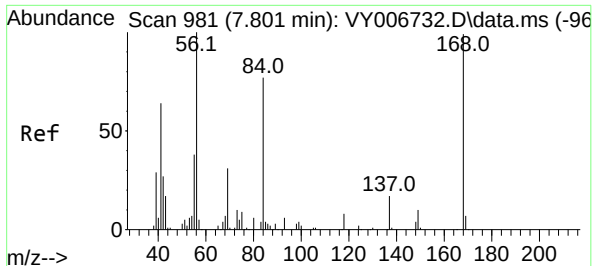
Tgt Ion: 84 Resp: 2243
Ion Ratio Lower Upper
84 100
49 128.7 107.8 161.8
51 28.2 32.8 49.2#
86 43.1 50.6 75.8#



#25
2-Butanone
Concen: 11.900 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.013 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#

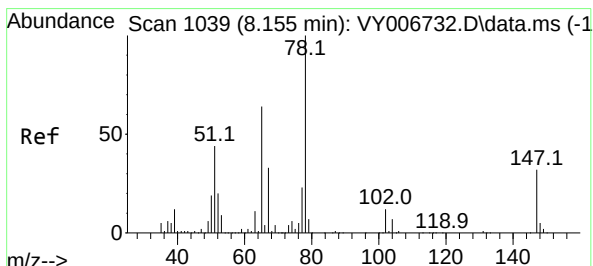
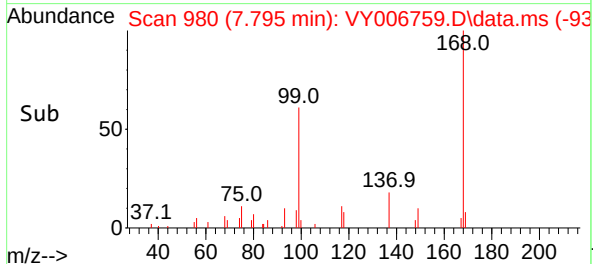
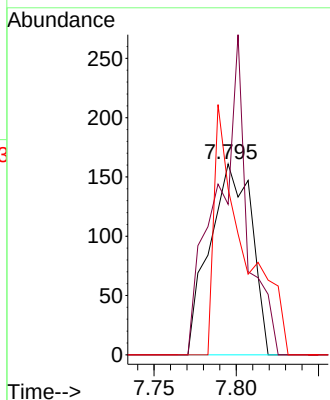
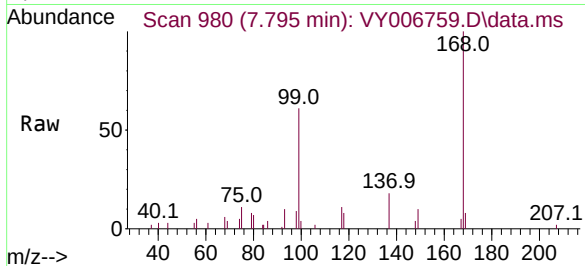




#31
Cyclohexane
Concen: 1.506 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

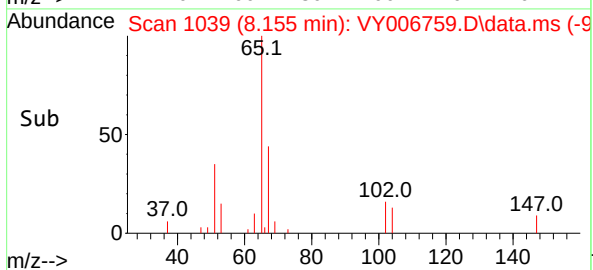
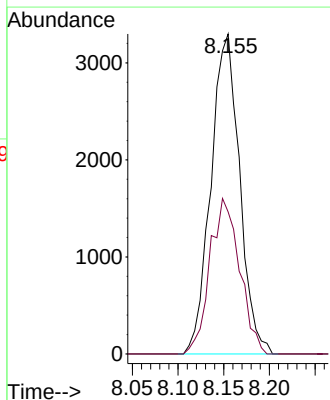
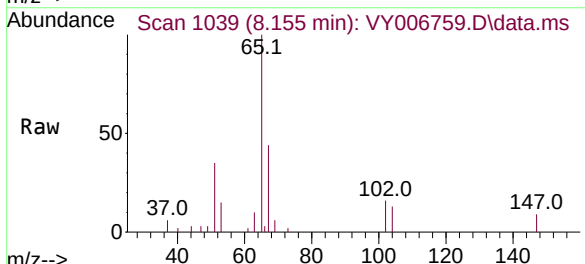
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-111221

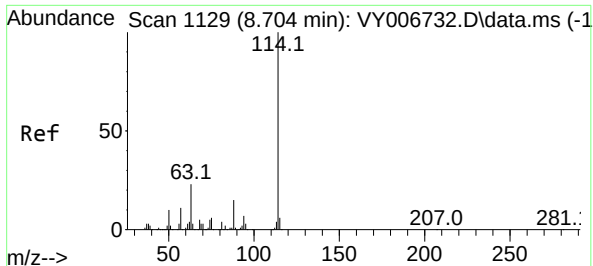
Tgt Ion: 56 Resp: 286
Ion Ratio Lower Upper
56 100
69 78.9 26.6 40.0#
84 87.0 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 66.760 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

Tgt Ion: 65 Resp: 7215
Ion Ratio Lower Upper
65 100
67 50.2 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: VY006759.D

Acq: 16 Nov 2021 14:15

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-111221

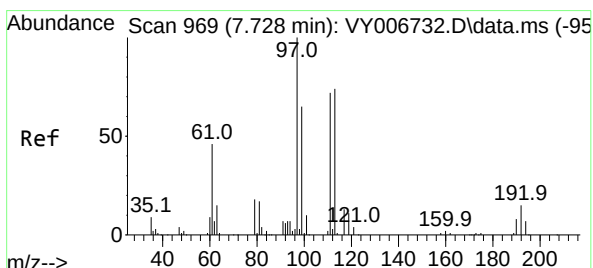
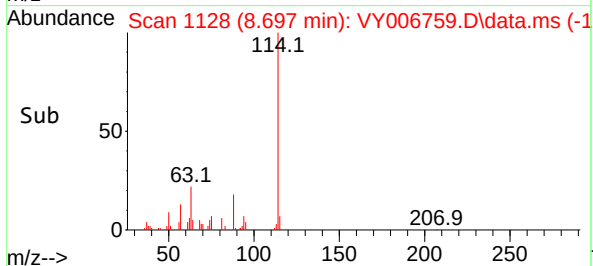
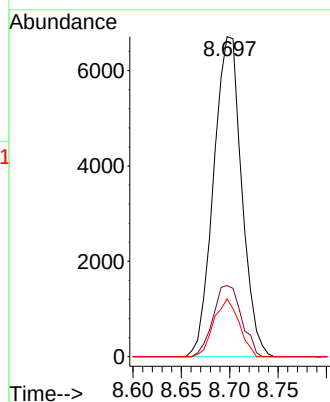
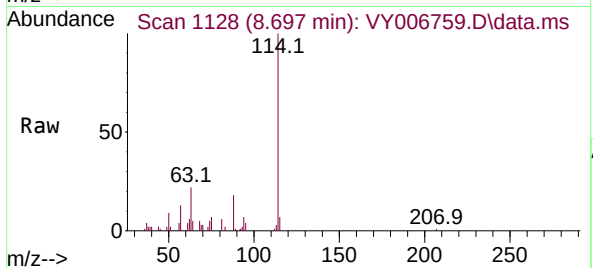
Tgt Ion:114 Resp: 13551

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

88 18.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.015 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006759.D

Acq: 16 Nov 2021 14:15

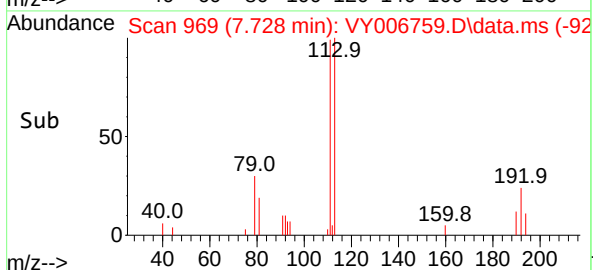
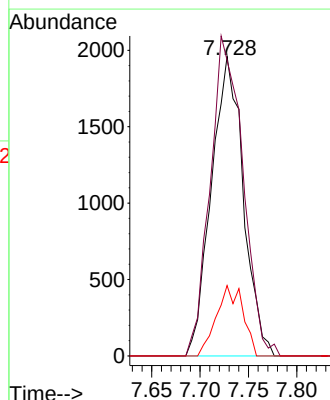
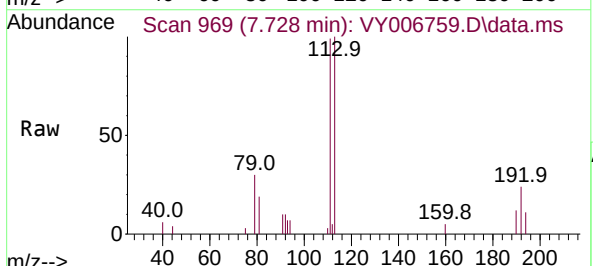
Tgt Ion:113 Resp: 4496

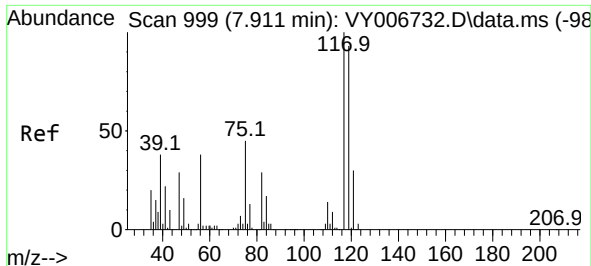
Ion Ratio Lower Upper

113 100

111 109.3 82.3 123.5

192 19.5 17.4 26.2

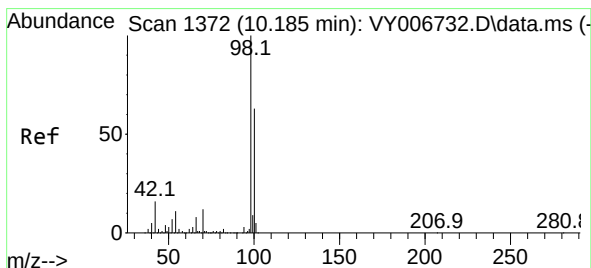
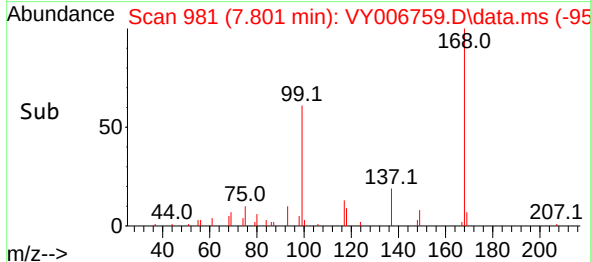
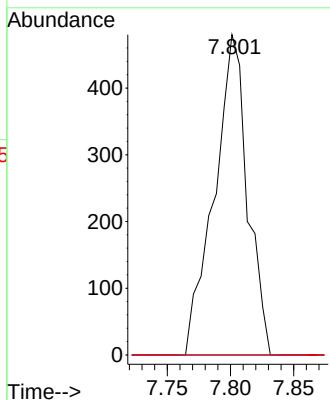
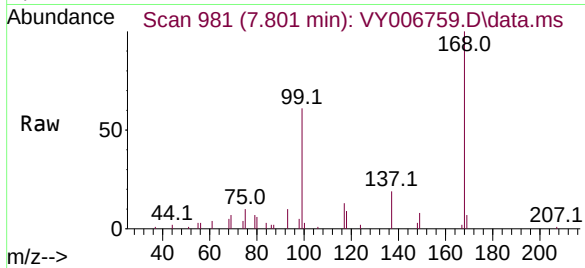




#38
Carbon Tetrachloride
Concen: 5.821 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

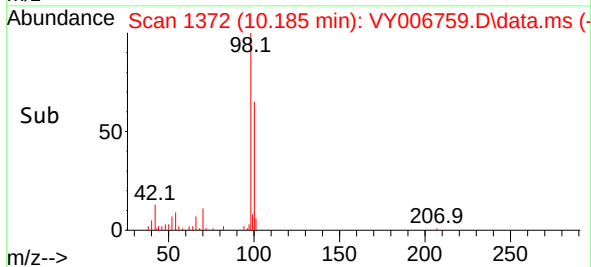
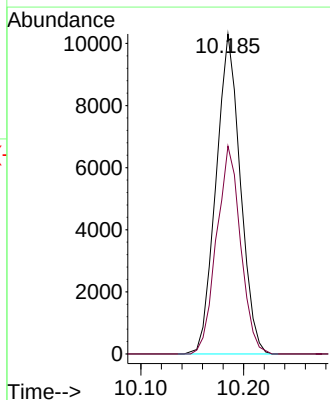
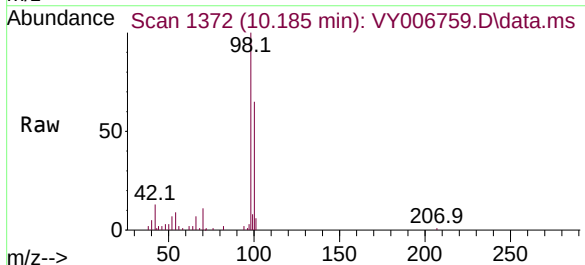
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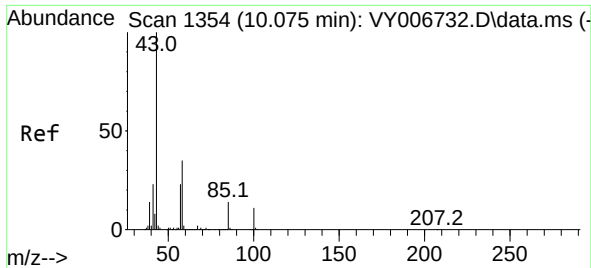
Tgt Ion:117 Resp: 877
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.042 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

Tgt Ion: 98 Resp: 16892
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3

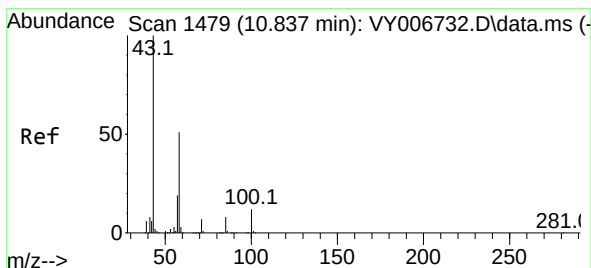
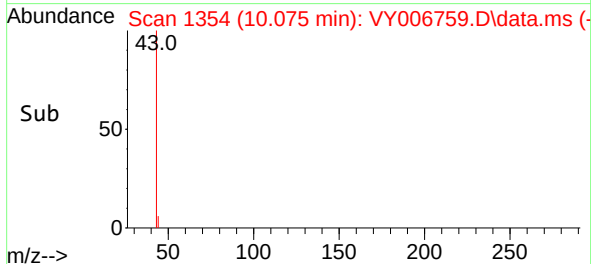
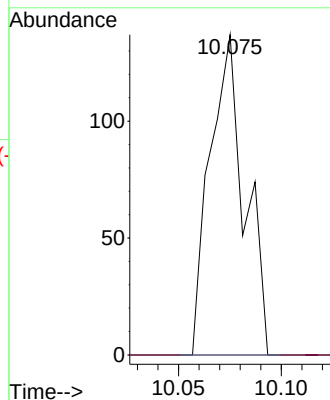
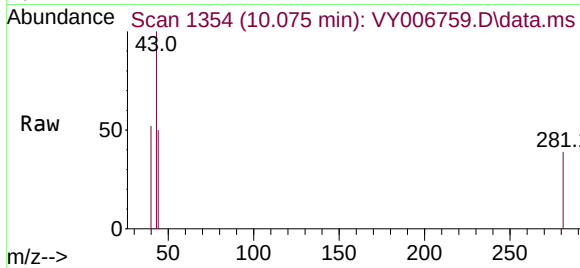




#51
4-Methyl-2-Pentanone
Concen: 1.655 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

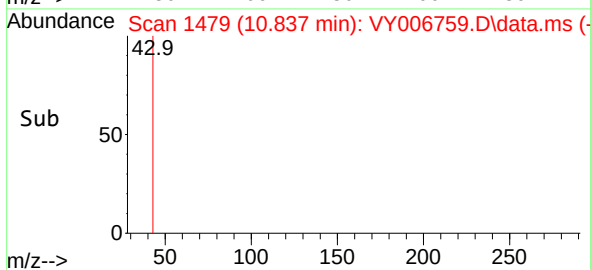
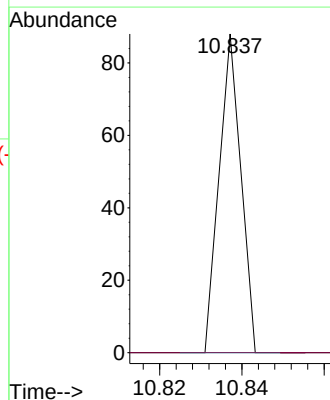
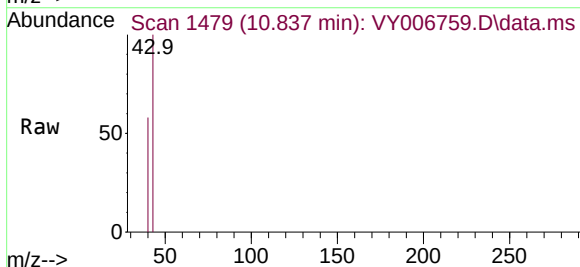
Instrument :
MSVOA_Y
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NB-07-111221

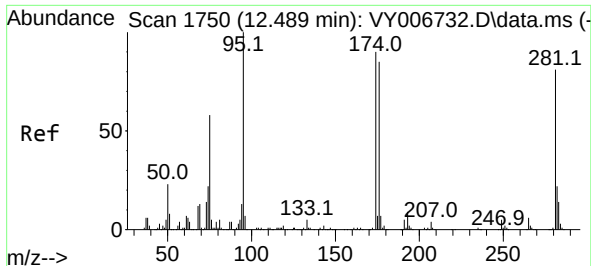
Tgt Ion: 43 Resp: 161
Ion Ratio Lower Upper
43 100
58 0.0 28.7 43.1#



#59
2-Hexanone
Concen: 24.222 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

Tgt Ion: 43 Resp: 32
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

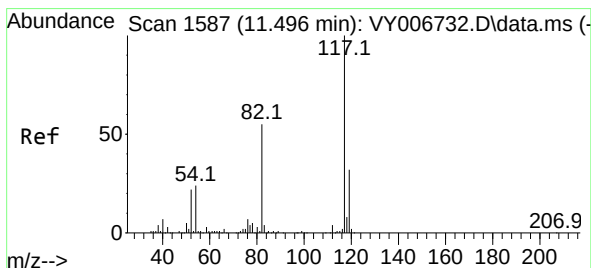
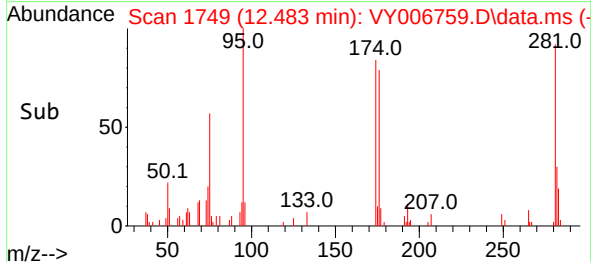
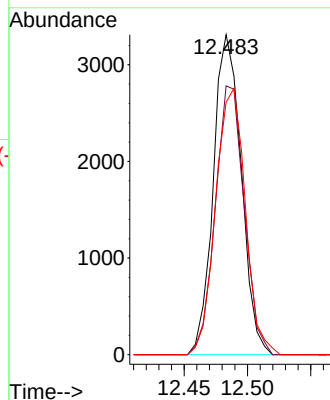
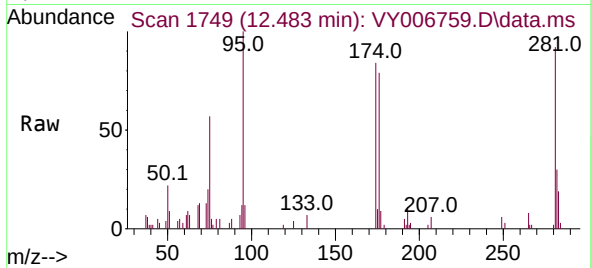




#62
4-Bromofluorobenzene
Concen: 43.766 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

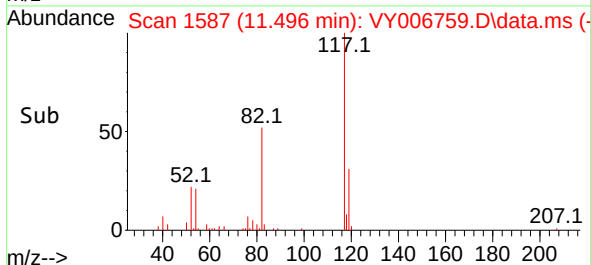
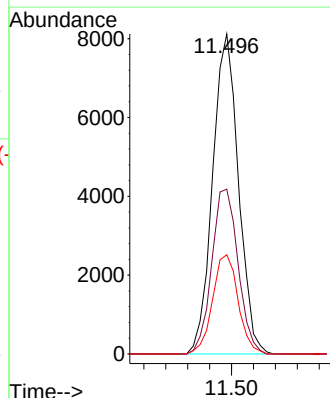
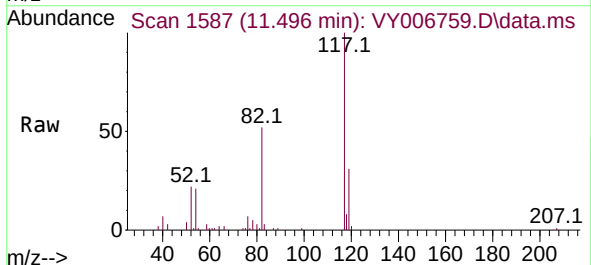
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-111221

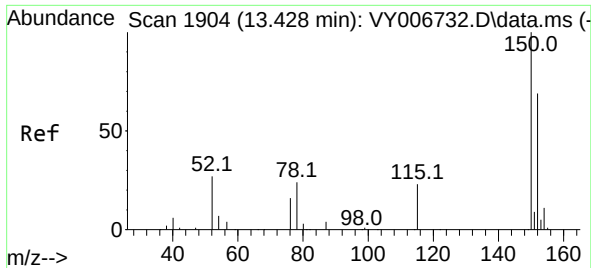
Tgt Ion: 95 Resp: 5082
Ion Ratio Lower Upper
95 100
174 86.7 0.0 177.0
176 88.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

Tgt Ion: 117 Resp: 13292
Ion Ratio Lower Upper
117 100
82 51.5 45.7 68.5
119 31.0 25.5 38.3

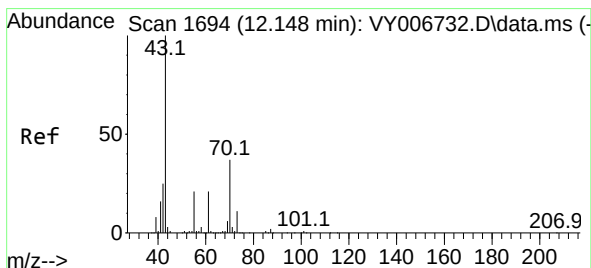
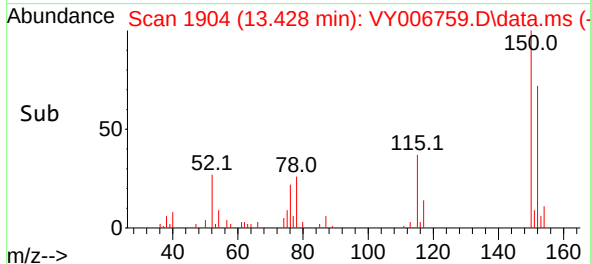
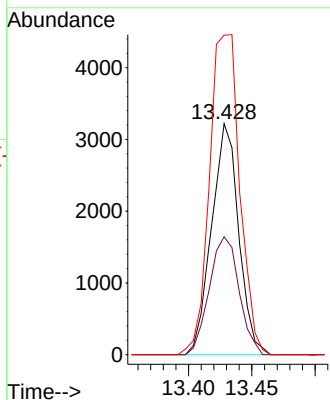
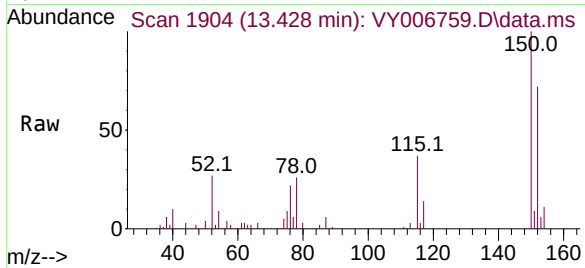




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

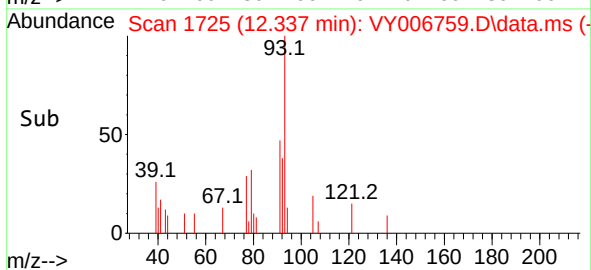
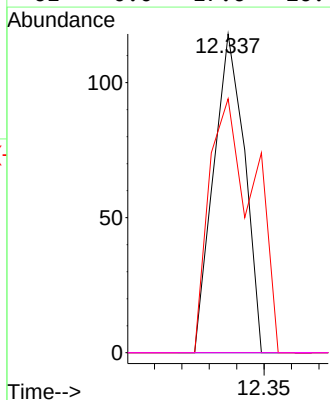
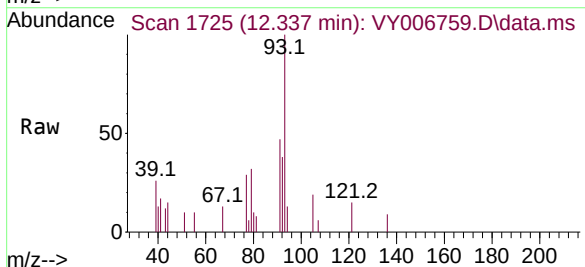
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-111221

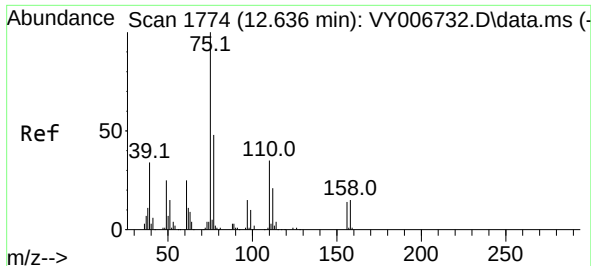
Tgt Ion:152 Resp: 4796
Ion Ratio Lower Upper
152 100
115 56.0 28.5 85.5
150 155.0 0.0 348.2



#74
N-ethyl acetate
Concen: 3.814 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.189 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

Tgt Ion: 43 Resp: 93
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 115.1 18.1 27.1#
61 0.0 17.6 26.4#

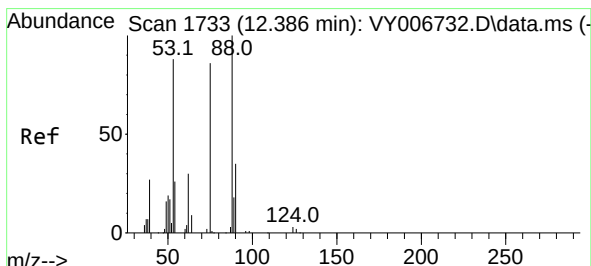
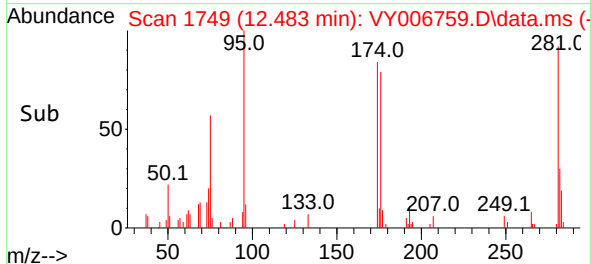
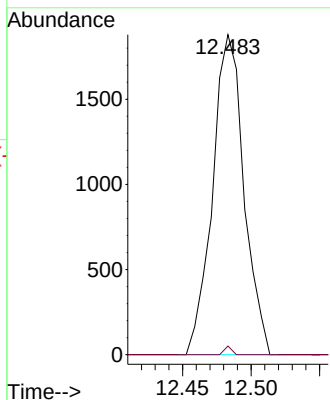
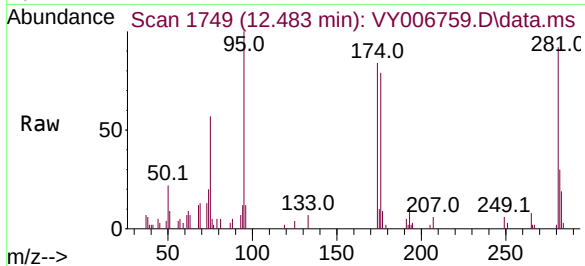




#76
1,2,3-Trichloropropane
Concen: 57.285 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-111221

Tgt Ion: 75 Resp: 2987
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.508 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006759.D
Acq: 16 Nov 2021 14:15

Tgt Ion: 75 Resp: 2987
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

