

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
 Data File : VN075045.D
 Acq On : 27 Oct 2022 16:55
 Operator : JC\MD
 Sample : N5303-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1837

Quant Time: Oct 28 02:15:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

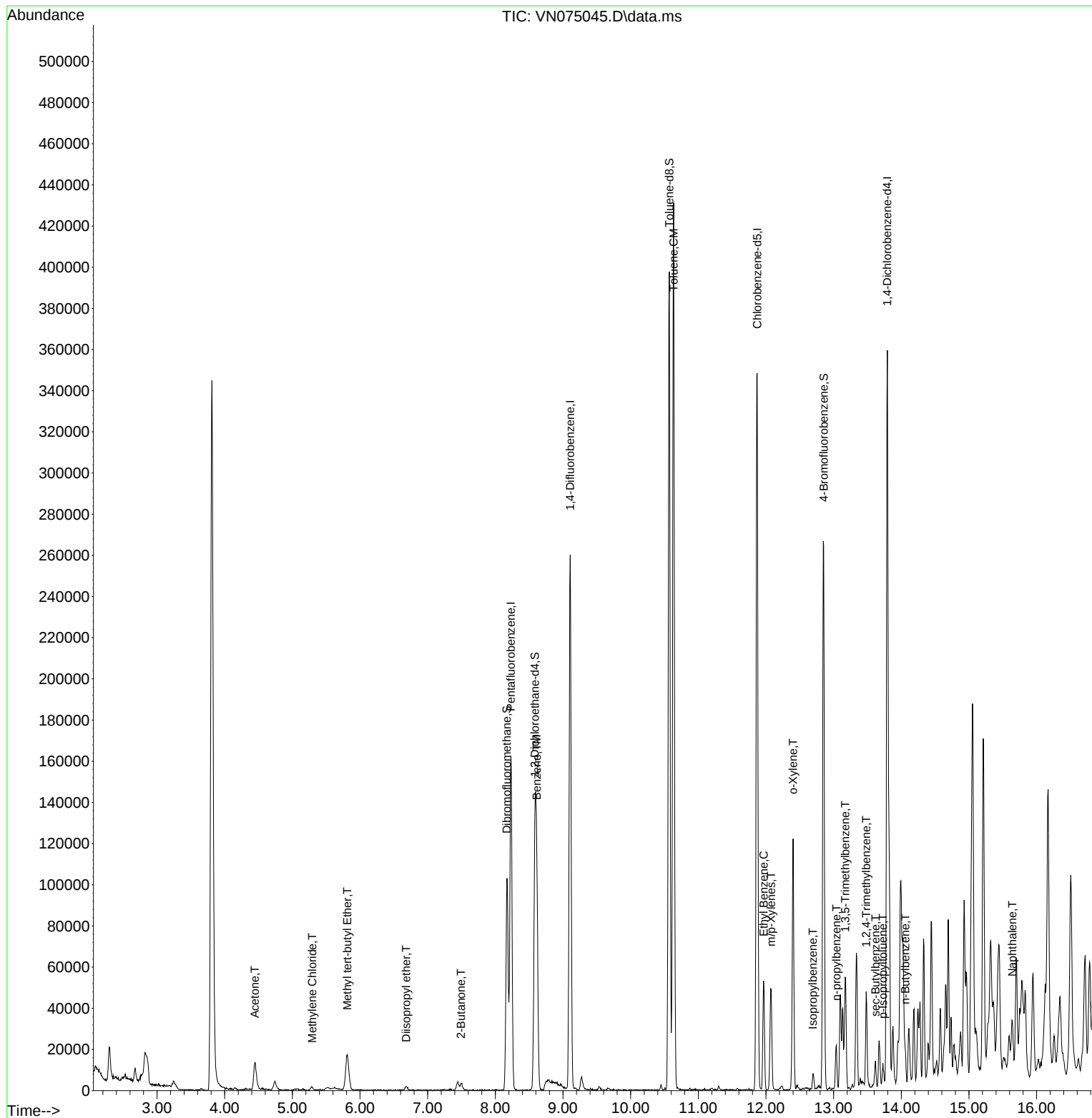
Internal Standards						
1) Pentafluorobenzene	8.229	168	115366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	226585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	204347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	93665	60.257	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.520%	
35) Dibromofluoromethane	8.171	113	71850	54.016	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.040%	
50) Toluene-d8	10.570	98	278195	53.907	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.820%	
62) 4-Bromofluorobenzene	12.853	95	92090	50.798	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.600%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	25859	39.289	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	29153	6.414	ug/l	98
20) Methylene Chloride	5.294	84	1195	0.814	ug/l	97
22) Diisopropyl ether	6.683	45	2218	0.563	ug/l #	76
25) 2-Butanone	7.494	43	5401	5.217	ug/l #	85
40) Benzene	8.612	78	101099	16.034	ug/l	96
52) Toluene	10.635	92	189723	45.012	ug/l	96
67) Ethyl Benzene	11.965	91	39178	4.992	ug/l	91
68) m/p-Xylenes	12.076	106	16653	5.289	ug/l	96
69) o-Xylene	12.400	106	34175	10.975	ug/l	96
73) Isopropylbenzene	12.694	105	6007	0.835	ug/l	100
78) n-propylbenzene	13.041	91	17985	2.226	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	27442	4.541	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	26258	4.295	ug/l	99
85) sec-Butylbenzene	13.617	105	8710	1.160	ug/l	97
86) p-Isopropyltoluene	13.729	119	5976	0.963	ug/l	93
89) n-Butylbenzene	14.059	91	8727	1.747	ug/l #	77
95) Naphthalene	15.641	128	22660	4.441	ug/l #	95

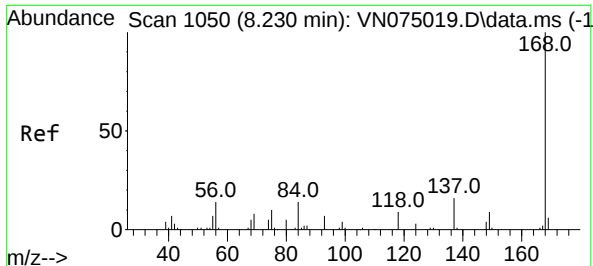
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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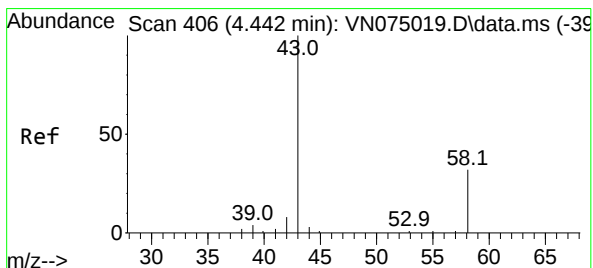
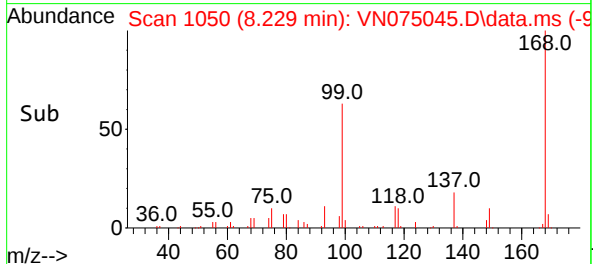
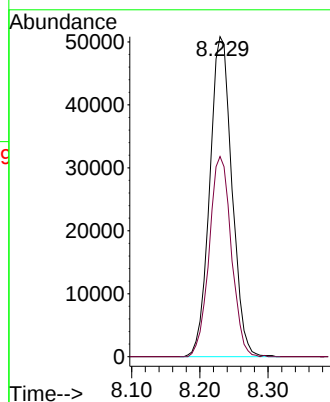
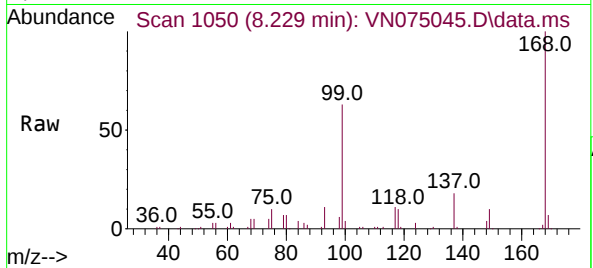




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075045.D
Acq: 27 Oct 2022 16:55

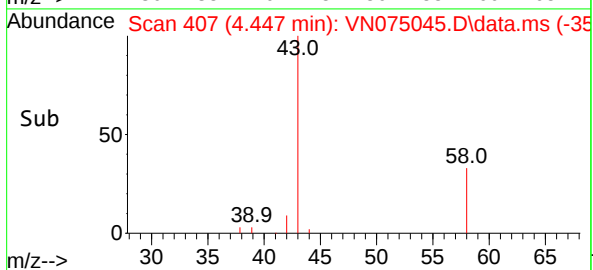
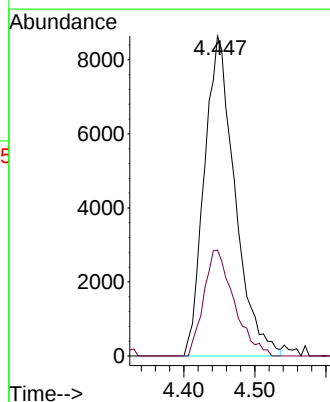
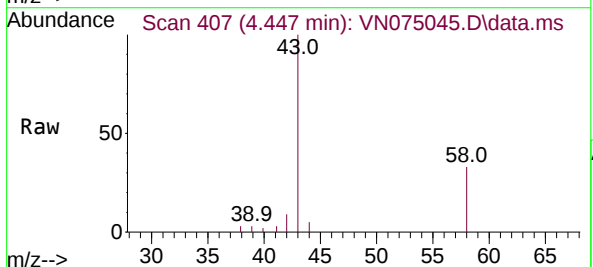
Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

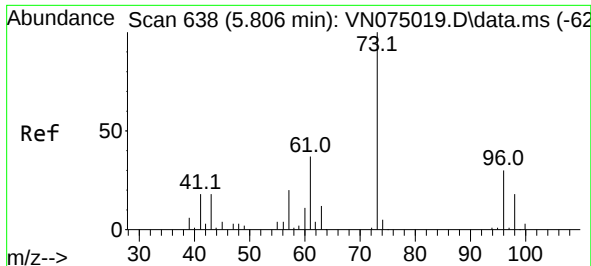
Tgt Ion:168 Resp: 115366
Ion Ratio Lower Upper
168 100
99 62.6 51.6 77.4



#16
Acetone
Concen: 39.289 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN075045.D
Acq: 27 Oct 2022 16:55

Tgt Ion: 43 Resp: 25859
Ion Ratio Lower Upper
43 100
58 33.1 25.5 38.3

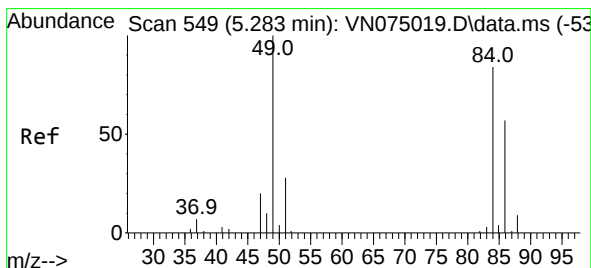
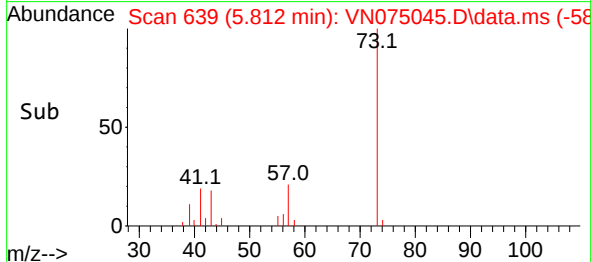
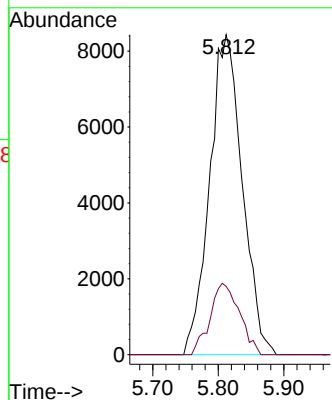
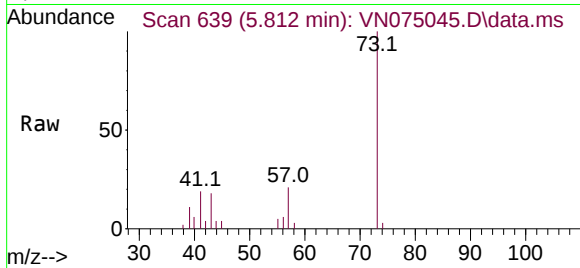




#19
Methyl tert-butyl Ether
Concen: 6.414 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075045.D
Acq: 27 Oct 2022 16:55

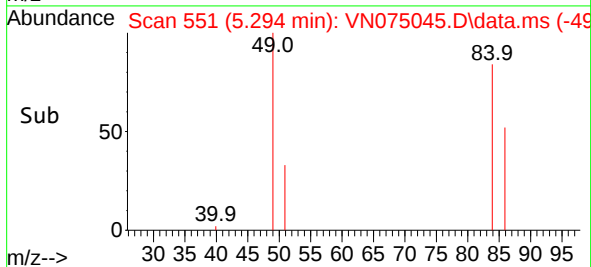
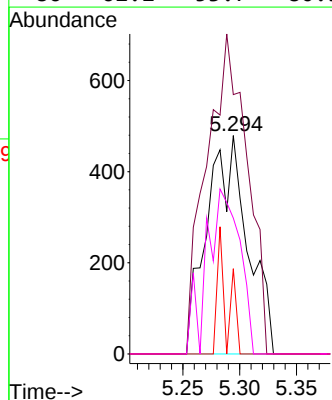
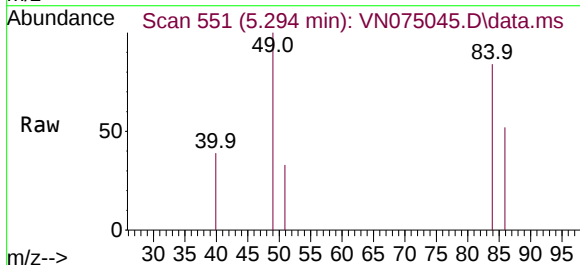
Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

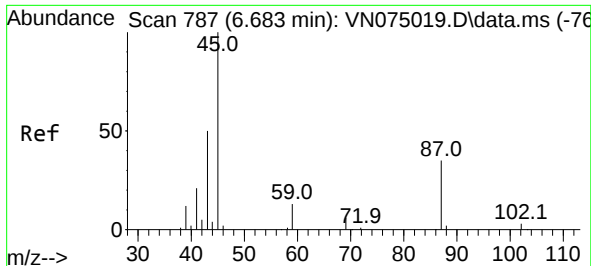
Tgt Ion: 73 Resp: 29153
Ion Ratio Lower Upper
73 100
57 21.3 16.3 24.5



#20
Methylene Chloride
Concen: 0.814 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.011 min
Lab File: VN075045.D
Acq: 27 Oct 2022 16:55

Tgt Ion: 84 Resp: 1195
Ion Ratio Lower Upper
84 100
49 118.8 94.9 142.3
51 39.0 26.8 40.2
86 62.2 53.7 80.5

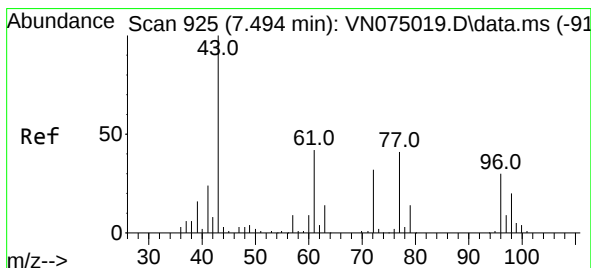
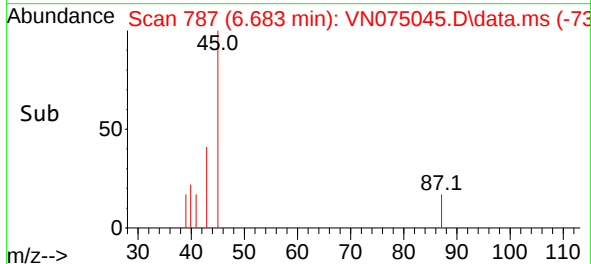
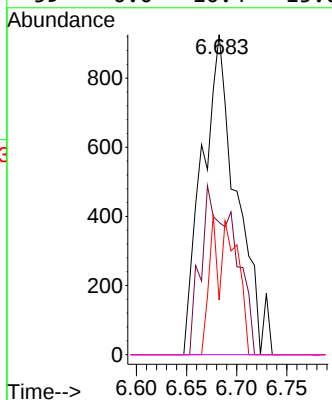
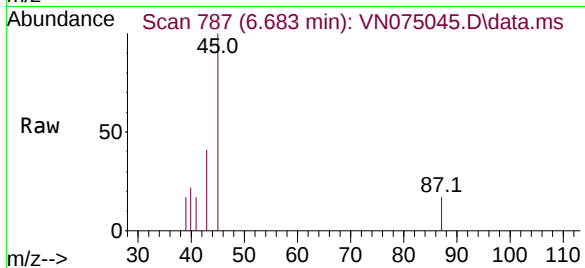




#22
Diisopropyl ether
Concen: 0.563 ug/l
RT: 6.683 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN075045.D
Acq: 27 Oct 2022 16:55

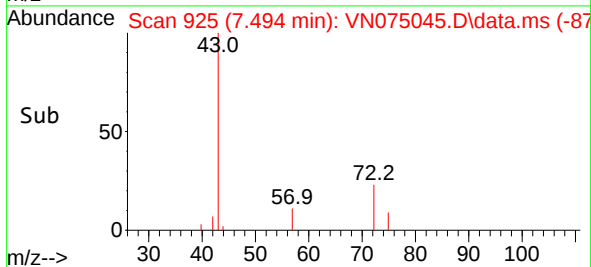
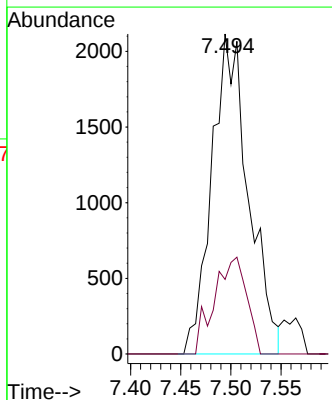
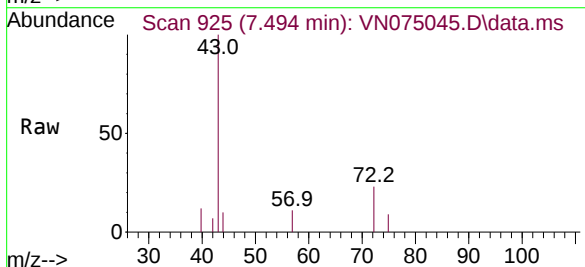
Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

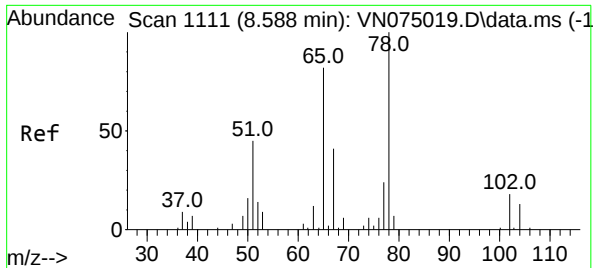
Tgt Ion:	45	Resp:	2218
Ion	Ratio	Lower	Upper
45	100		
43	41.4	42.8	64.2#
87	17.1	28.4	42.6#
59	0.0	10.4	15.6#



#25
2-Butanone
Concen: 5.217 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075045.D
Acq: 27 Oct 2022 16:55

Tgt Ion:	43	Resp:	5401
Ion	Ratio	Lower	Upper
43	100		
72	23.3	25.5	38.3#





#33

1,2-Dichloroethane-d4

Concen: 60.257 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075045.D

Acq: 27 Oct 2022 16:55

Instrument :

MSVOA_N

ClientSampleId :

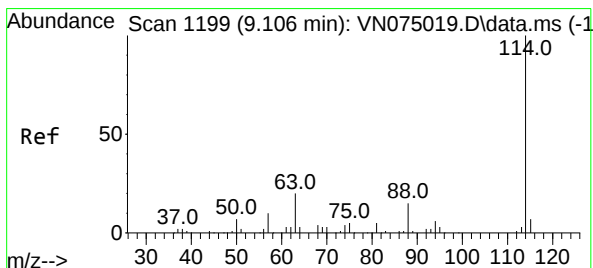
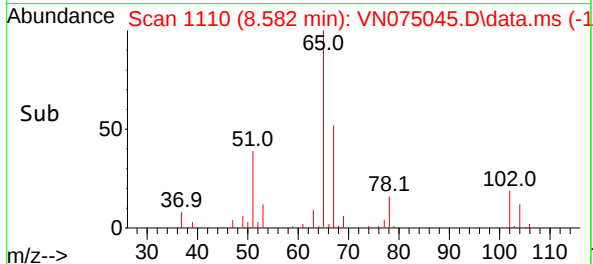
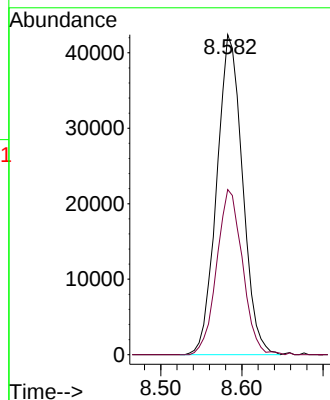
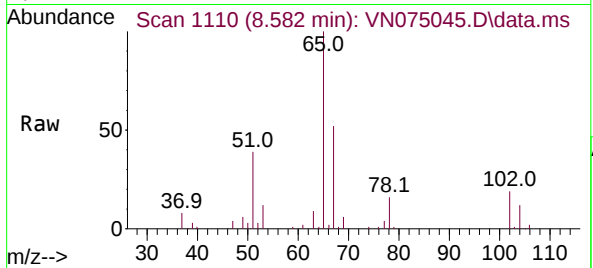
NWB-1837

Tgt Ion: 65 Resp: 93665

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075045.D

Acq: 27 Oct 2022 16:55

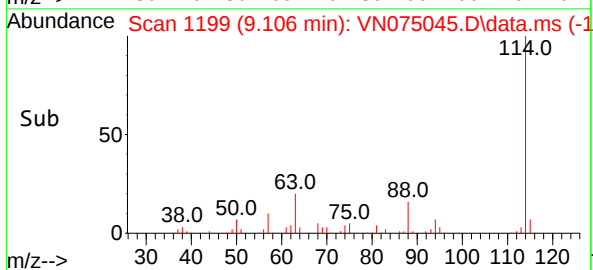
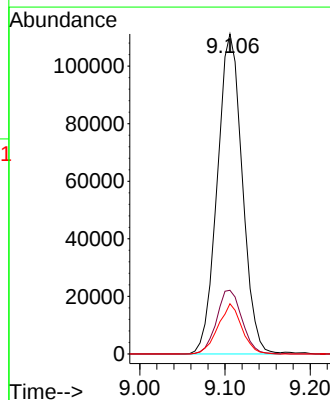
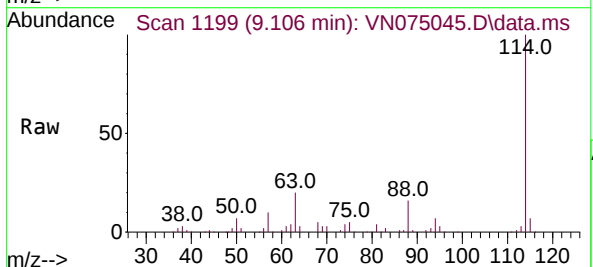
Tgt Ion: 114 Resp: 226585

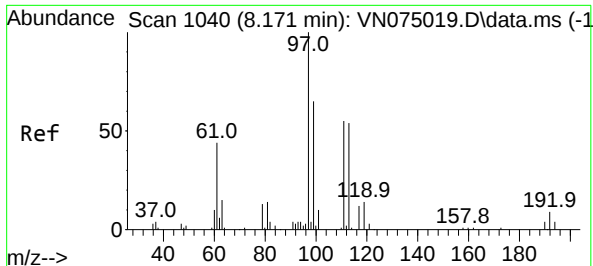
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 54.016 ug/l

RT: 8.171 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VN075045.D

Acq: 27 Oct 2022 16:55

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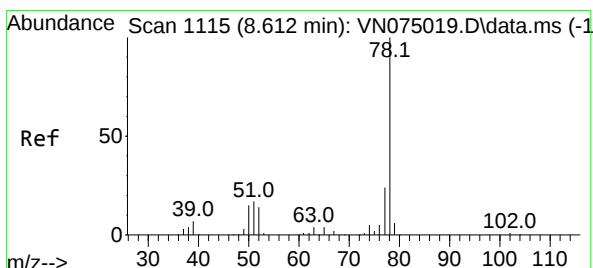
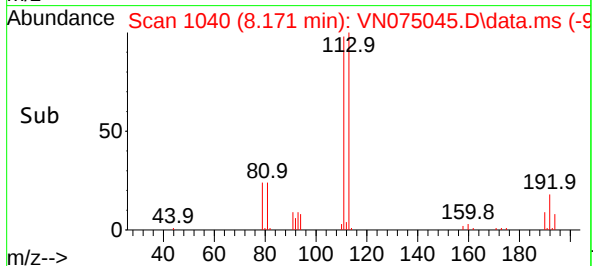
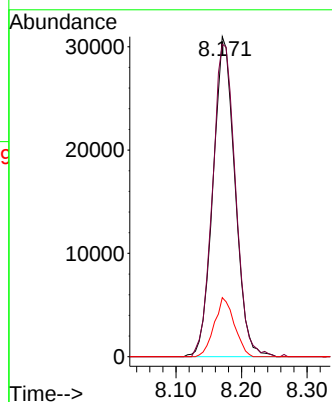
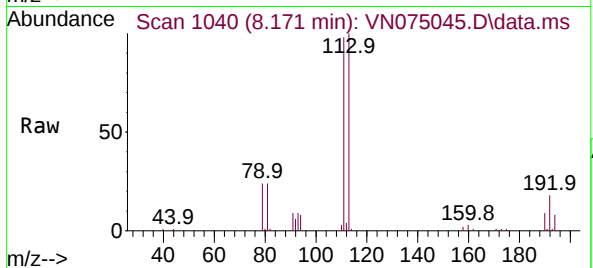
Tgt Ion:113 Resp: 71850

Ion Ratio Lower Upper

113 100

111 102.2 80.5 120.7

192 16.8 13.2 19.8



#40

Benzene

Concen: 16.034 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075045.D

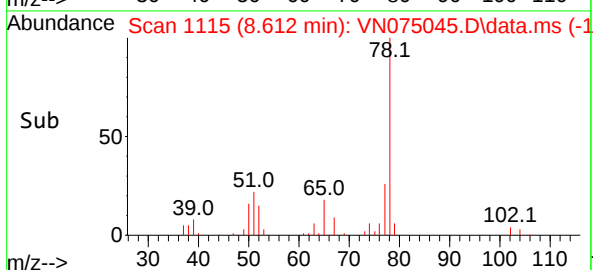
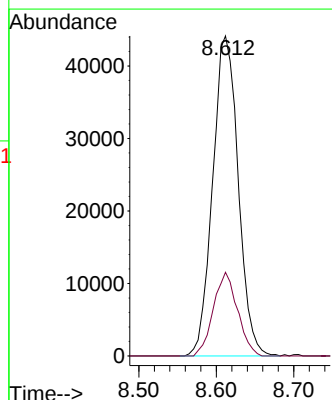
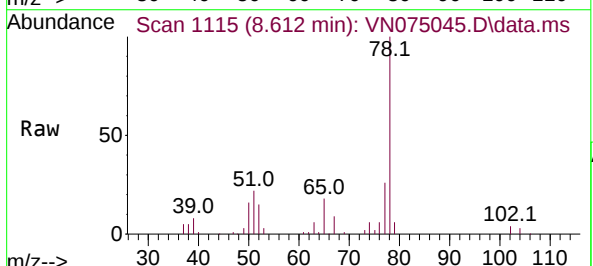
Acq: 27 Oct 2022 16:55

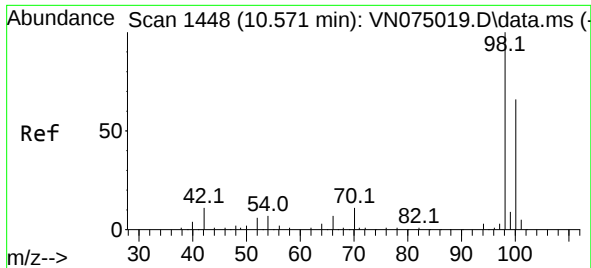
Tgt Ion: 78 Resp: 101099

Ion Ratio Lower Upper

78 100

77 26.1 19.4 29.0

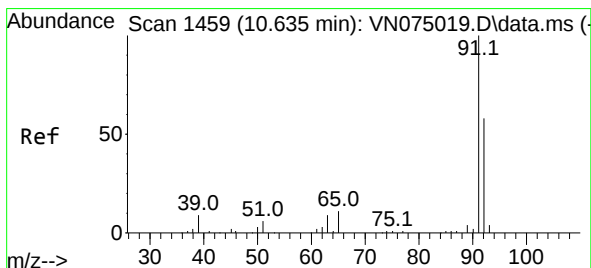
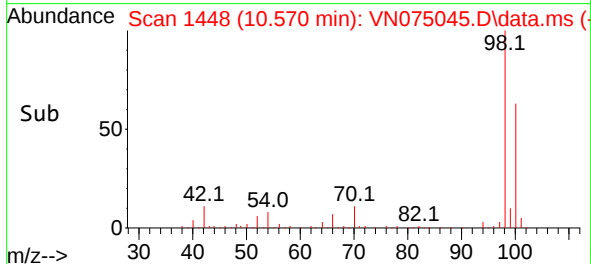
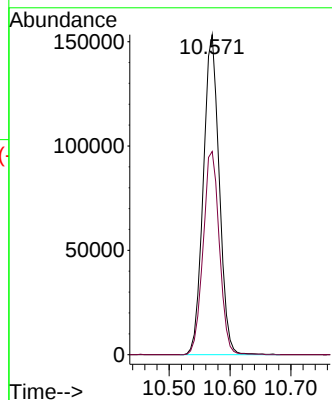
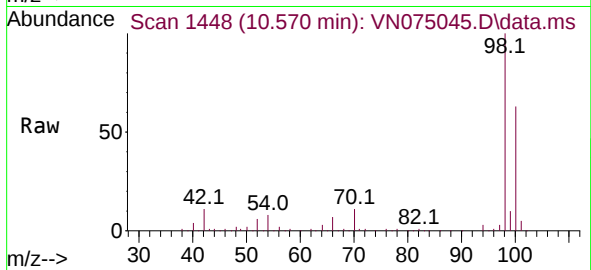




#50
Toluene-d8
Concen: 53.907 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN075045.D
Acq: 27 Oct 2022 16:55

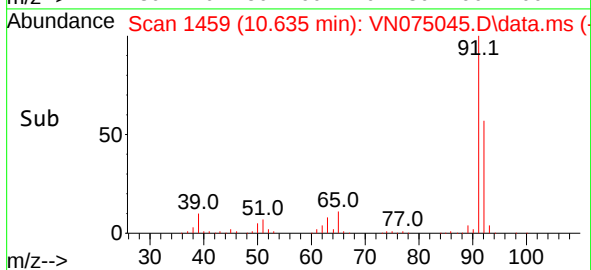
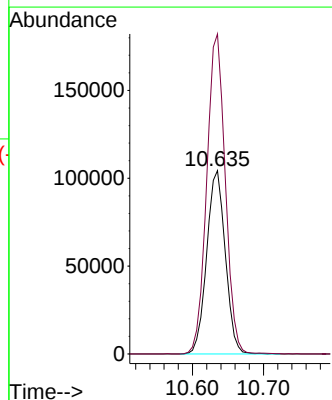
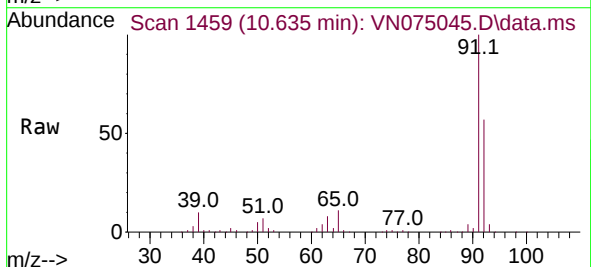
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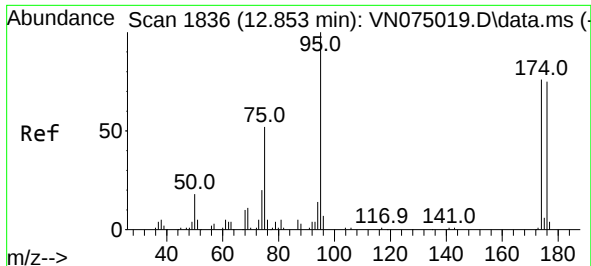
Tgt Ion: 98 Resp: 278195
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.6



#52
Toluene
Concen: 45.012 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075045.D
Acq: 27 Oct 2022 16:55

Tgt Ion: 92 Resp: 189723
Ion Ratio Lower Upper
92 100
91 174.2 135.4 203.2





#62

4-Bromofluorobenzene

Concen: 50.798 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN075045.D

Acq: 27 Oct 2022 16:55

Instrument :

MSVOA_N

ClientSampleId :

NWB-1837

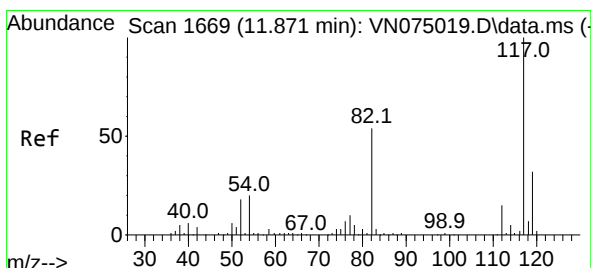
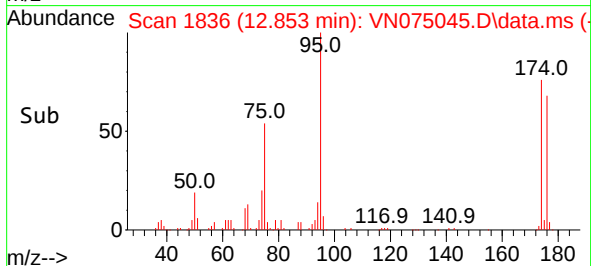
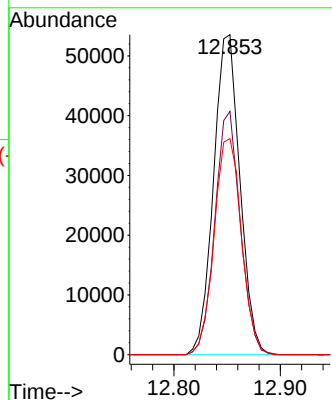
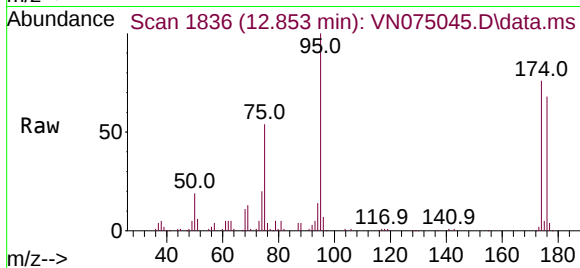
Tgt Ion: 95 Resp: 92090

Ion Ratio Lower Upper

95 100

174 73.2 0.0 147.4

176 69.9 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1669

Delta R.T. -0.001 min

Lab File: VN075045.D

Acq: 27 Oct 2022 16:55

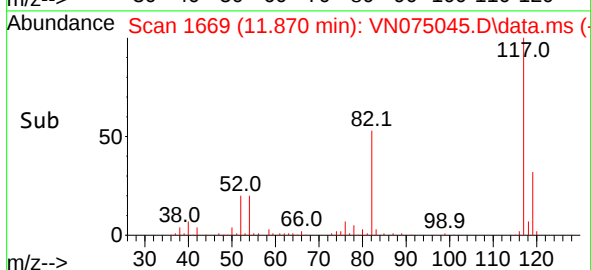
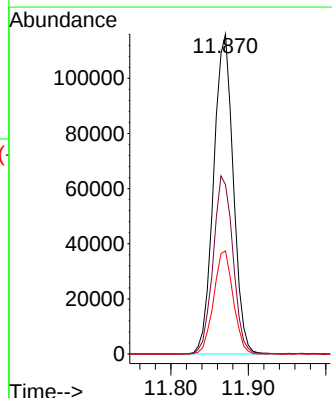
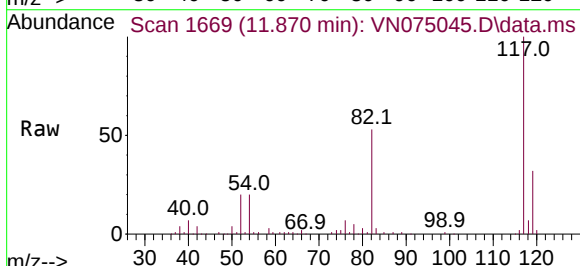
Tgt Ion: 117 Resp: 204347

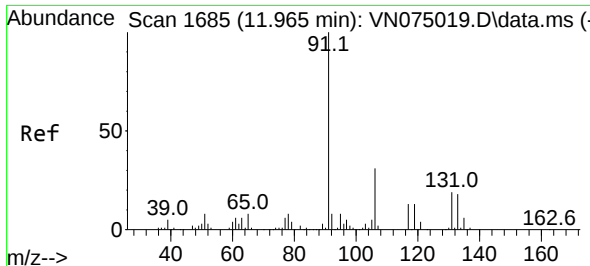
Ion Ratio Lower Upper

117 100

82 52.9 43.1 64.7

119 32.2 25.5 38.3

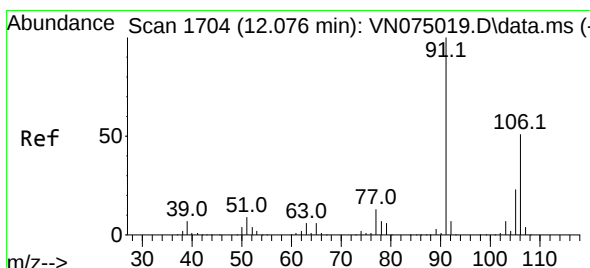
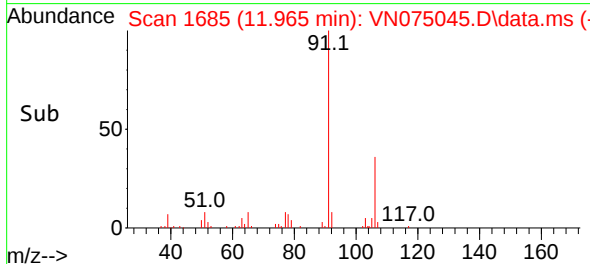
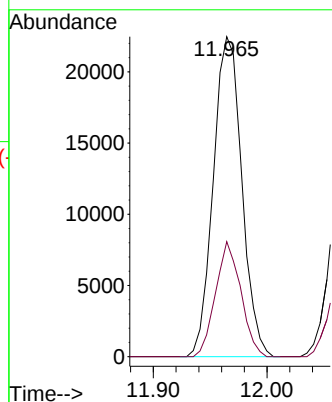
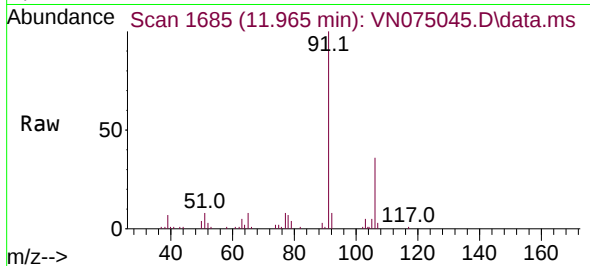




#67
Ethyl Benzene
Concen: 4.992 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075045.D
Acq: 27 Oct 2022 16:55

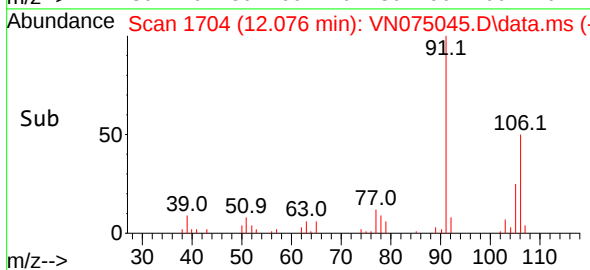
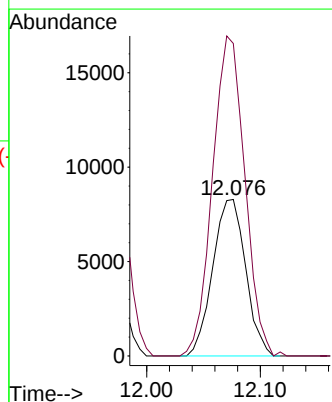
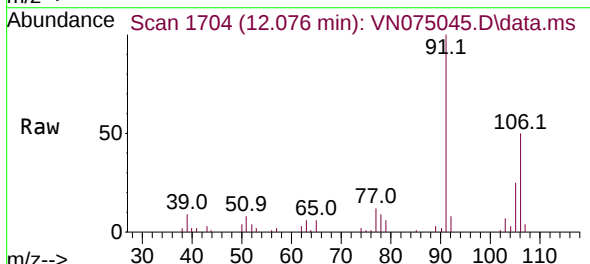
Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

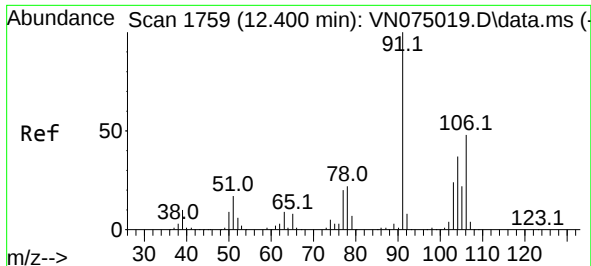
Tgt Ion: 91 Resp: 39178
Ion Ratio Lower Upper
91 100
106 35.9 24.9 37.3



#68
m/p-Xylenes
Concen: 5.289 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075045.D
Acq: 27 Oct 2022 16:55

Tgt Ion: 106 Resp: 16653
Ion Ratio Lower Upper
106 100
91 201.3 156.0 234.0

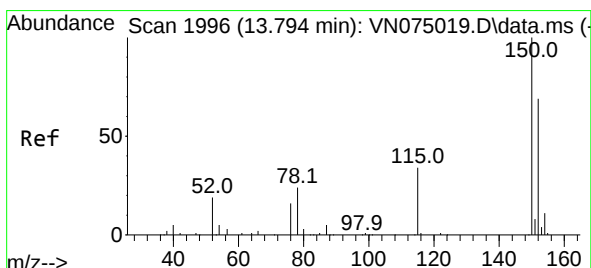
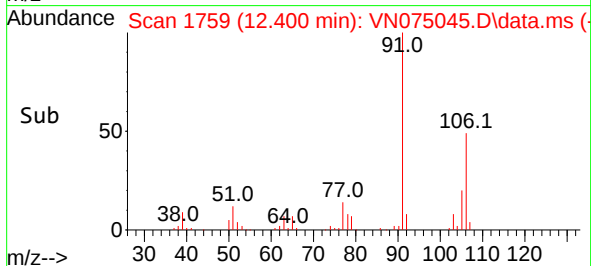
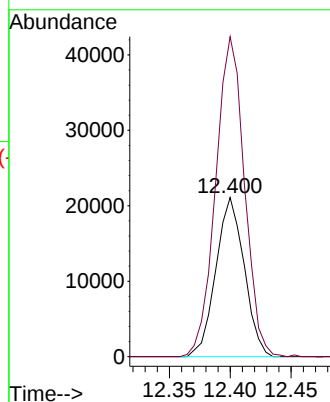
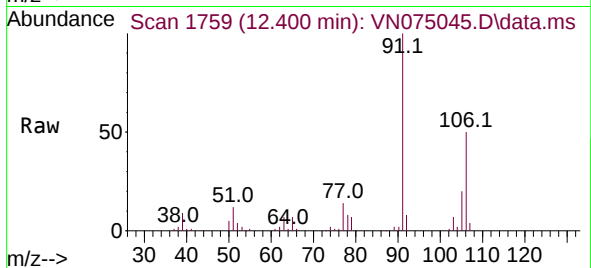




#69
o-Xylene
Concen: 10.975 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075045.D
Acq: 27 Oct 2022 16:55

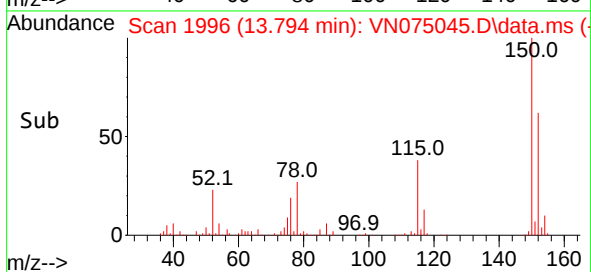
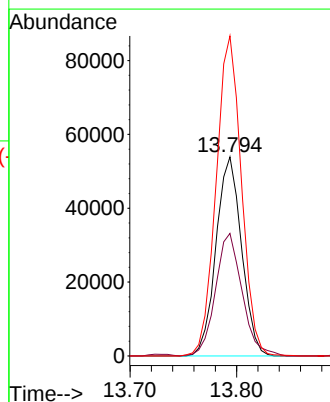
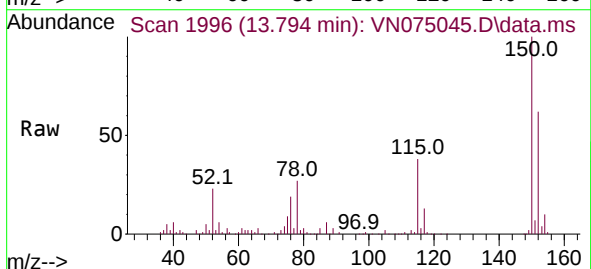
Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

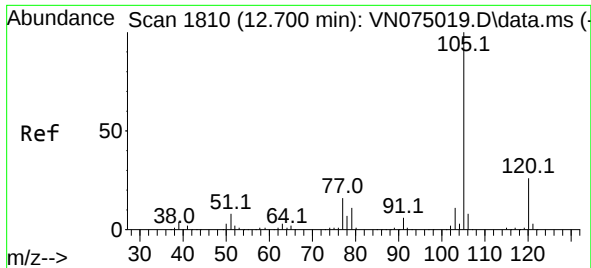
Tgt Ion:106 Resp: 34175
Ion Ratio Lower Upper
106 100
91 204.6 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075045.D
Acq: 27 Oct 2022 16:55

Tgt Ion:152 Resp: 89620
Ion Ratio Lower Upper
152 100
115 64.3 30.2 90.6
150 159.4 0.0 348.4





#73

Isopropylbenzene

Concen: 0.835 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN075045.D

Acq: 27 Oct 2022 16:55

Instrument :

MSVOA_N

ClientSampleId :

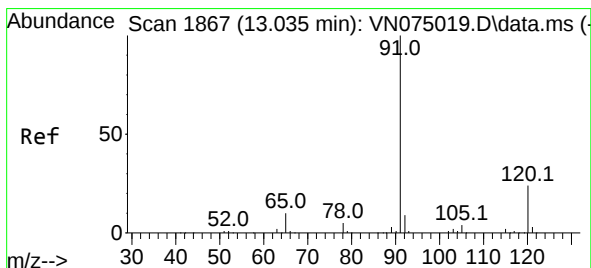
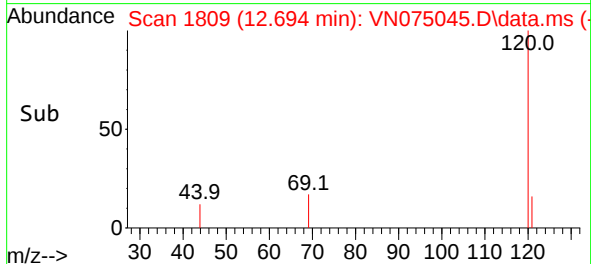
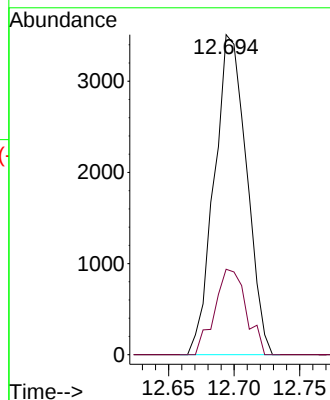
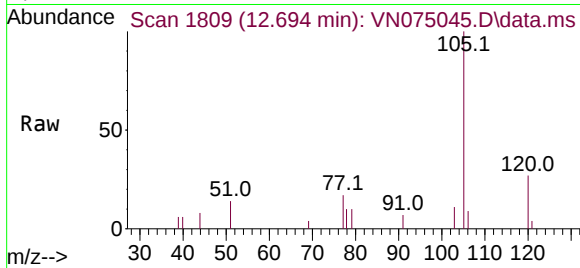
NWB-1837

Tgt Ion:105 Resp: 6007

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.1



#78

n-propylbenzene

Concen: 2.226 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN075045.D

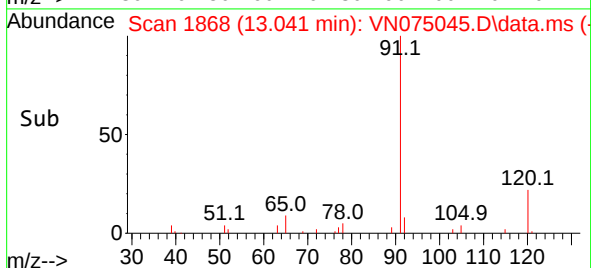
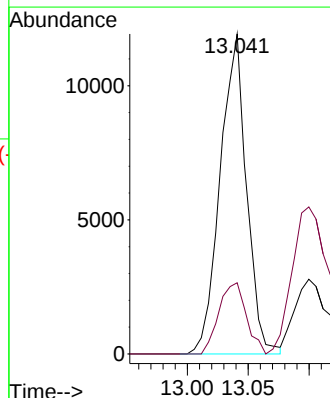
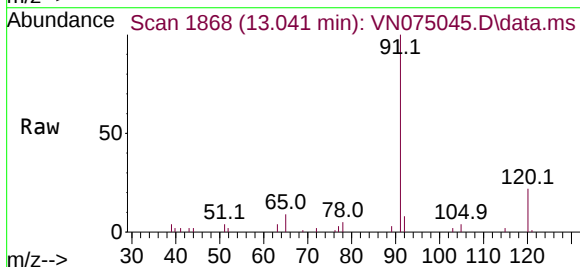
Acq: 27 Oct 2022 16:55

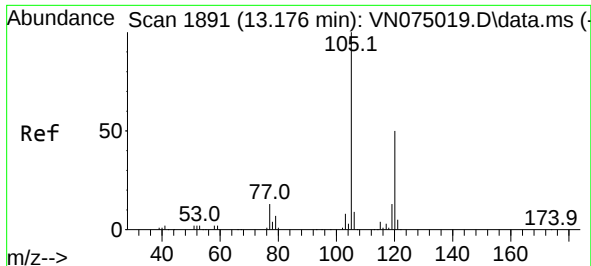
Tgt Ion: 91 Resp: 17985

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.5

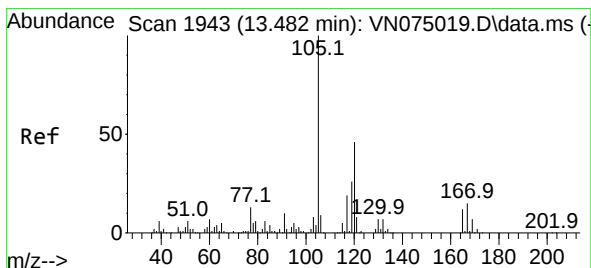
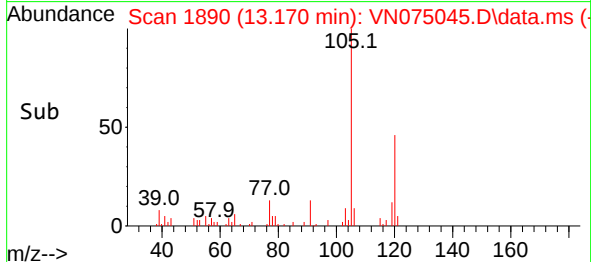
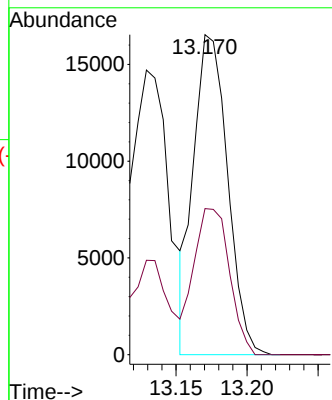
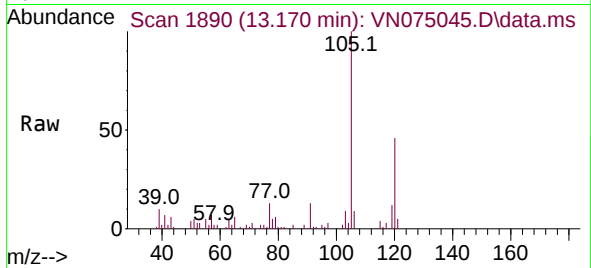




#80
1,3,5-Trimethylbenzene
Concen: 4.541 ug/l
RT: 13.170 min Scan# 1891
Delta R.T. -0.006 min
Lab File: VN075045.D
Acq: 27 Oct 2022 16:55

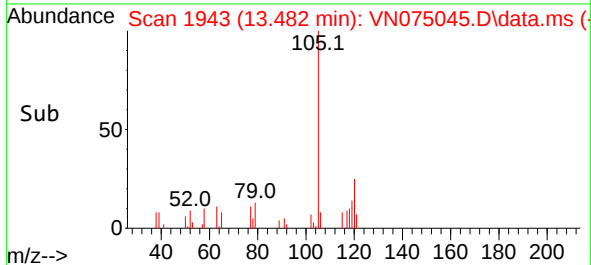
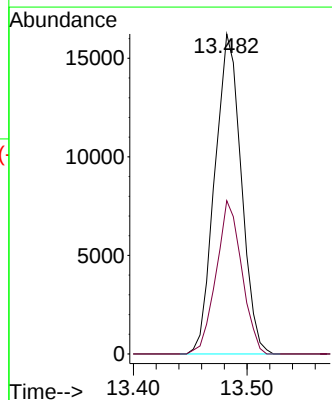
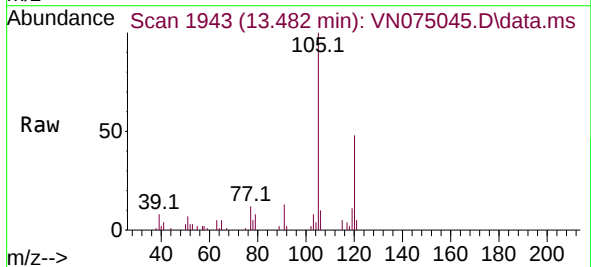
Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

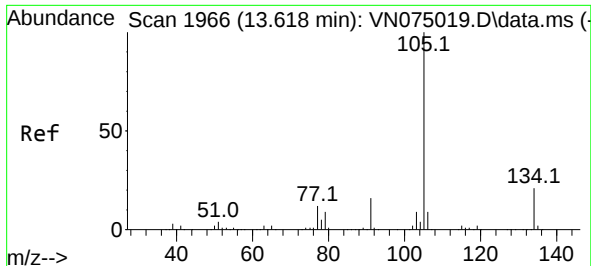
Tgt Ion:105 Resp: 27442
Ion Ratio Lower Upper
105 100
120 47.9 24.7 74.1



#84
1,2,4-Trimethylbenzene
Concen: 4.295 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075045.D
Acq: 27 Oct 2022 16:55

Tgt Ion:105 Resp: 26258
Ion Ratio Lower Upper
105 100
120 46.3 22.7 68.1

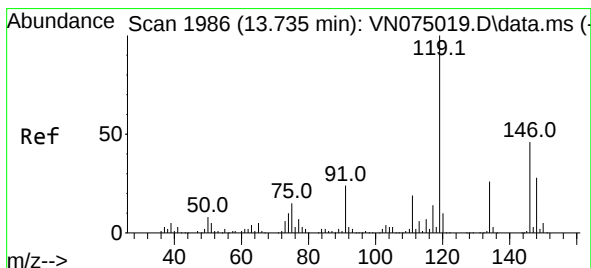
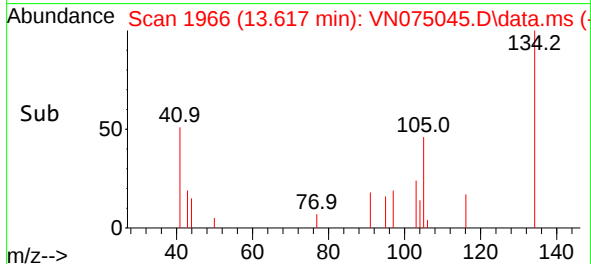
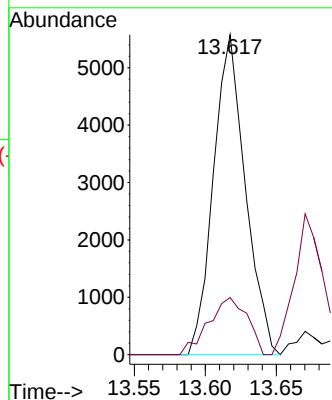
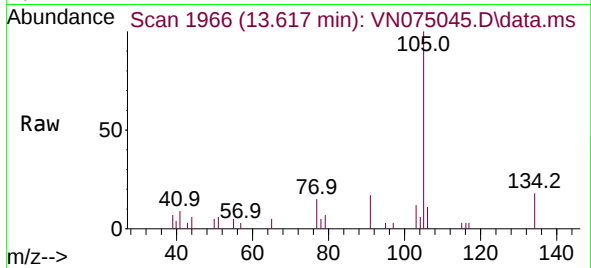




#85
 sec-Butylbenzene
 Concen: 1.160 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075045.D
 Acq: 27 Oct 2022 16:55

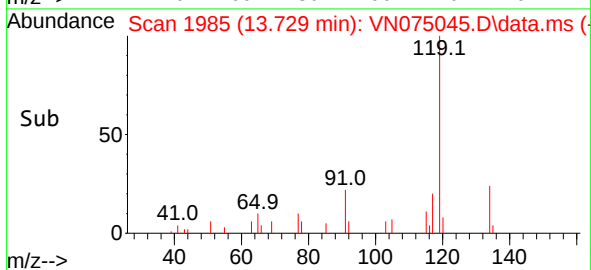
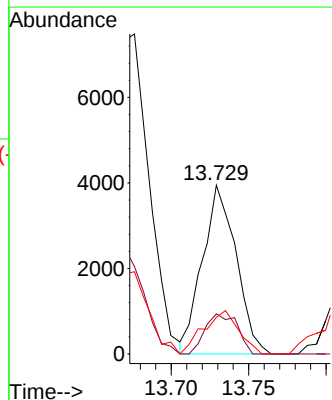
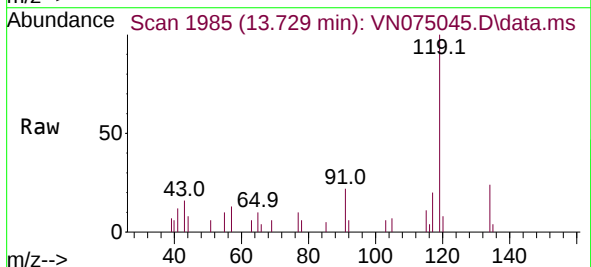
Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1837

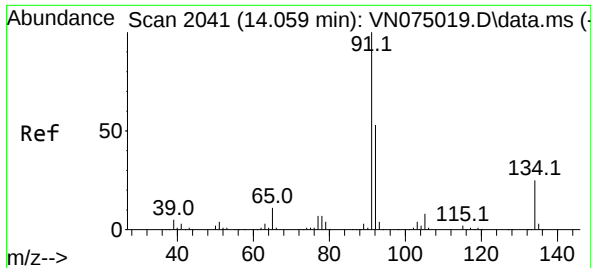
Tgt Ion:105 Resp: 8710
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 0.963 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075045.D
 Acq: 27 Oct 2022 16:55

Tgt Ion:119 Resp: 5976
 Ion Ratio Lower Upper
 119 100
 134 22.7 13.1 39.3
 91 26.9 11.9 35.5

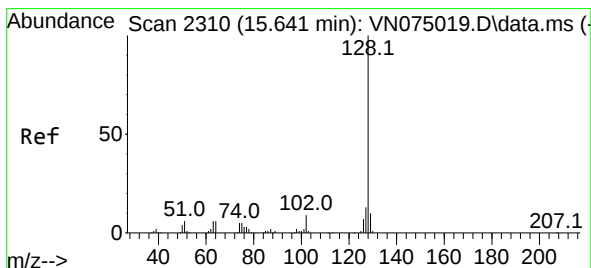
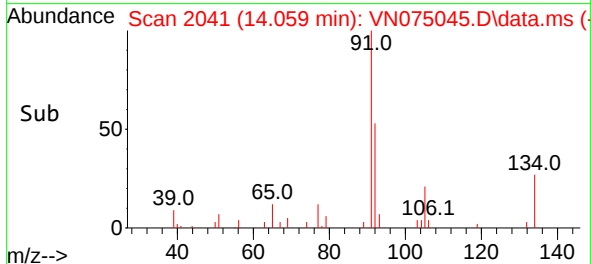
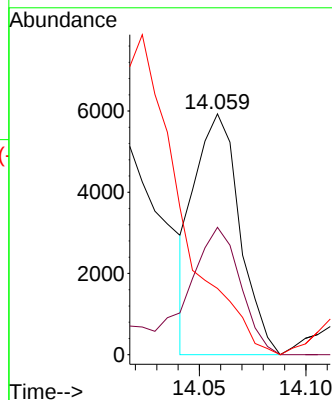
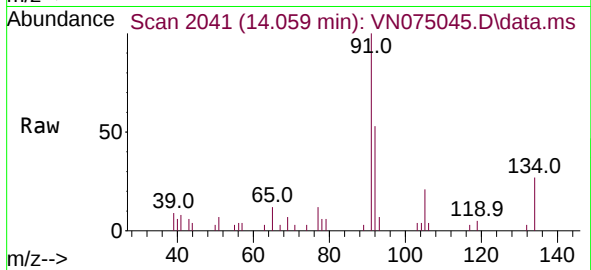




#89
n-Butylbenzene
Concen: 1.747 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075045.D
Acq: 27 Oct 2022 16:55

Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

Tgt Ion: 91 Resp: 8727
Ion Ratio Lower Upper
91 100
92 59.6 26.5 79.4
134 0.0 13.0 39.0#



#95
Naphthalene
Concen: 4.441 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075045.D
Acq: 27 Oct 2022 16:55

Tgt Ion: 128 Resp: 22660
Ion Ratio Lower Upper
128 100
127 14.7 10.4 15.6
129 13.3 8.6 12.8#

