

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079741.D
 Acq On : 31 Oct 2023 13:58
 Operator : JC\MD
 Sample : 05005-04ME
 Misc : 3.96g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 N-3(0-5)ME

Quant Time: Nov 01 01:19:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

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

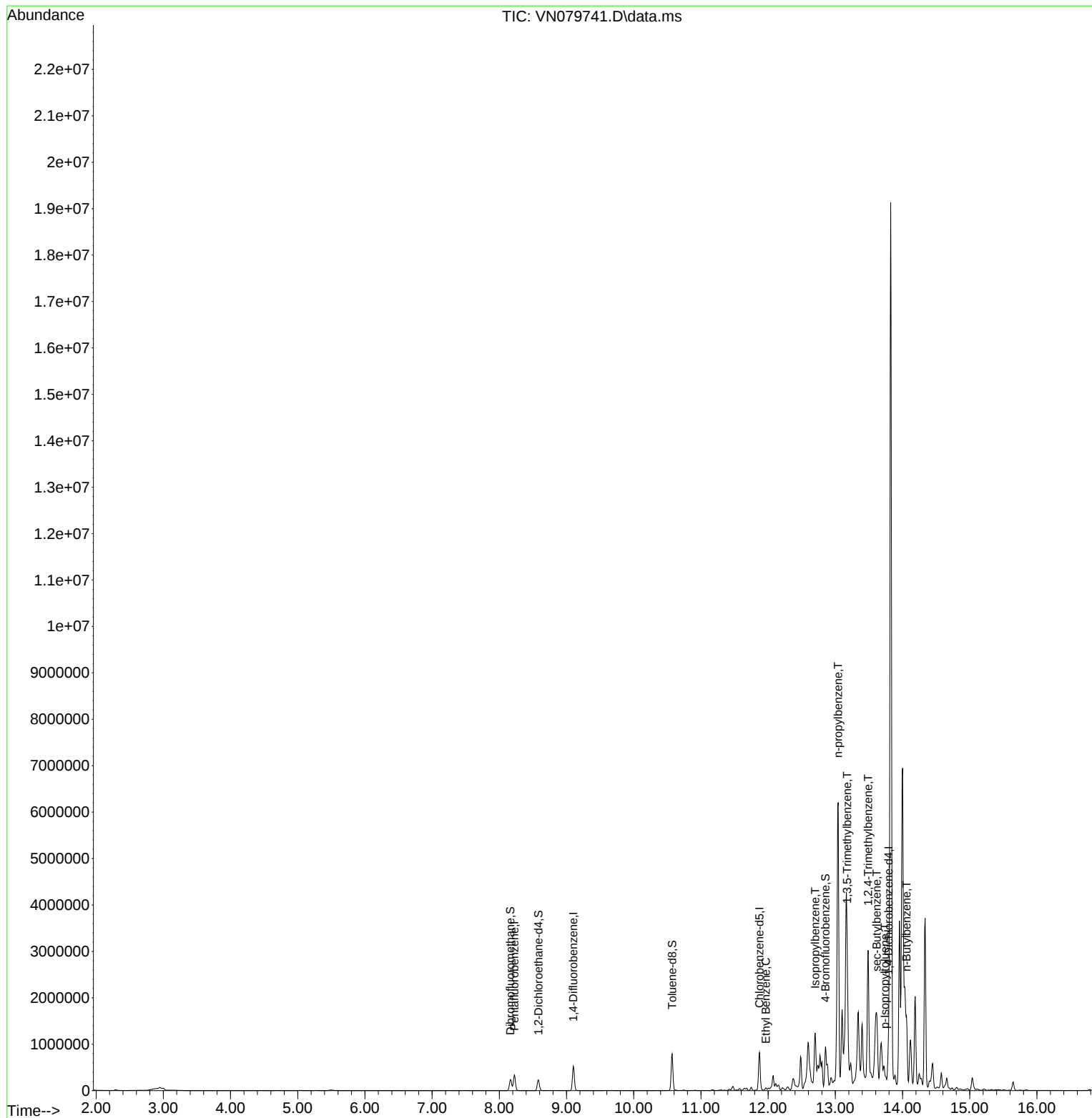
Internal Standards						
1) Pentafluorobenzene	8.224	168	231521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	433975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	461302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	235708	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	187828	50.519	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.040%	
35) Dibromofluoromethane	8.165	113	170164	54.874	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.740%	
50) Toluene-d8	10.571	98	520244	45.004	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 90.000%	
62) 4-Bromofluorobenzene	12.853	95	248402	68.236	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 136.480%#	
Target Compounds						Qvalue
67) Ethyl Benzene	11.965	91	28237	1.570	ug/l	94
73) Isopropylbenzene	12.700	105	652417	30.558	ug/l	99
78) n-propylbenzene	13.041	91	4748944	193.096	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	695290	39.952	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	1615630	96.229	ug/l	99
85) sec-Butylbenzene	13.618	105	767650	38.586	ug/l	# 53
86) p-Isopropyltoluene	13.735	119	66910	4.223	ug/l	# 50
89) n-Butylbenzene	14.059	91	865112	68.719	ug/l	# 80

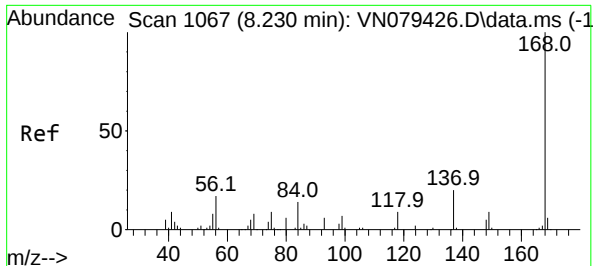
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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N-3(0-5)ME

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Quant Title : SW846 8260
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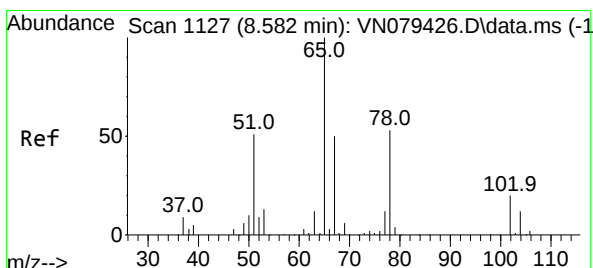
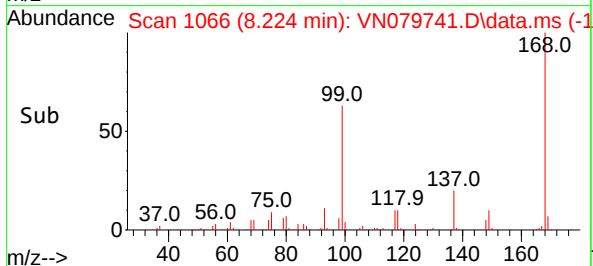
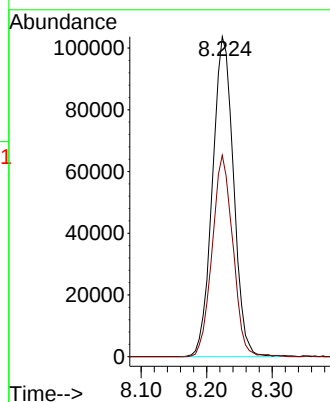
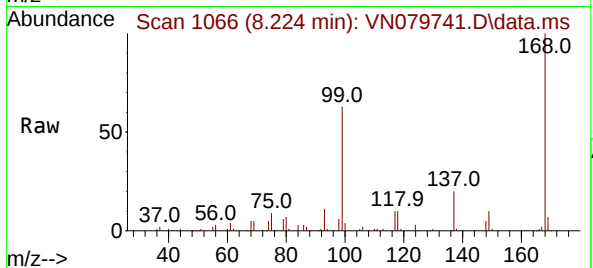




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

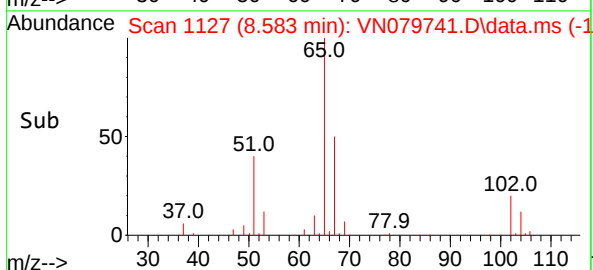
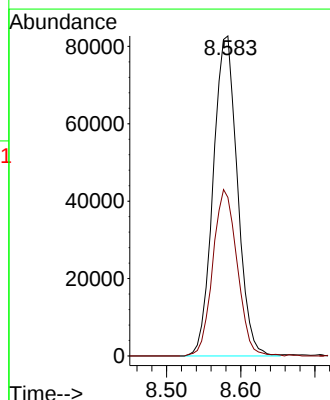
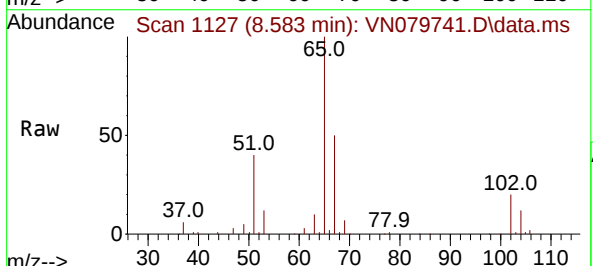
Instrument :
MSVOA_N
ClientSampleId :
N-3(0-5)ME

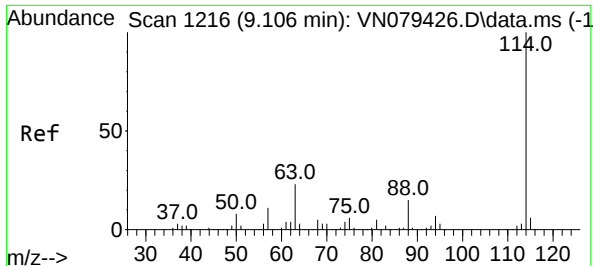
Tgt Ion:168 Resp: 231521
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.519 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

Tgt Ion: 65 Resp: 187828
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

N-3(0-5)ME

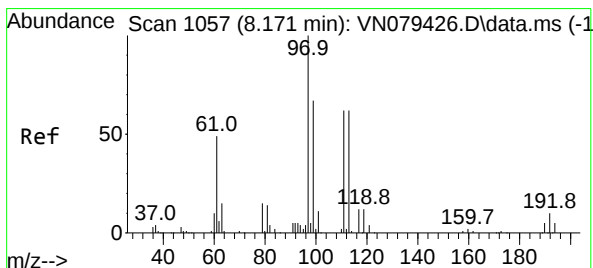
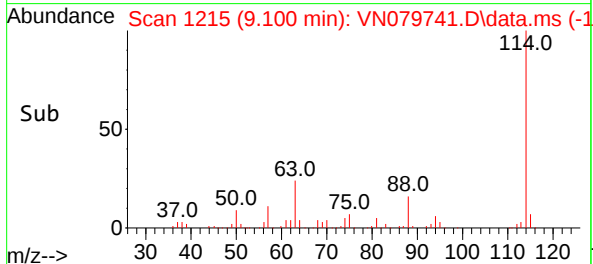
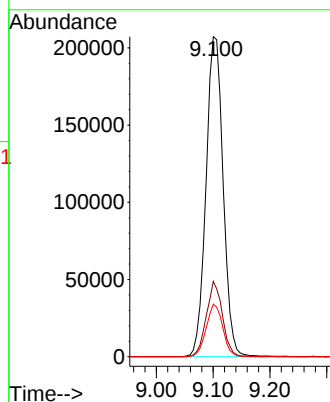
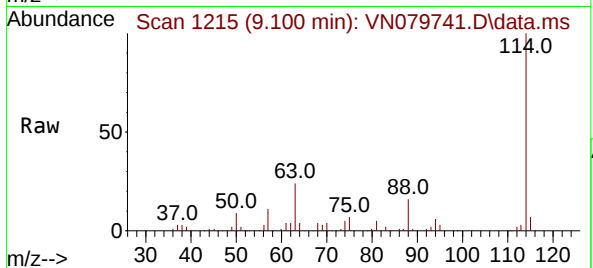
Tgt Ion:114 Resp: 433975

Ion Ratio Lower Upper

114 100

63 23.5 0.0 36.4

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.874 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

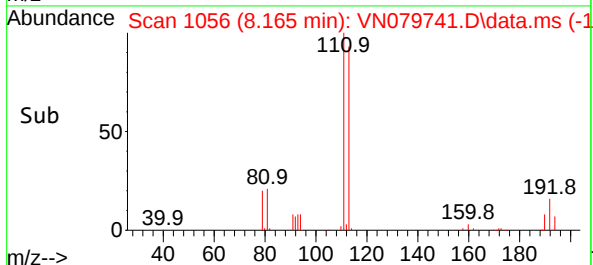
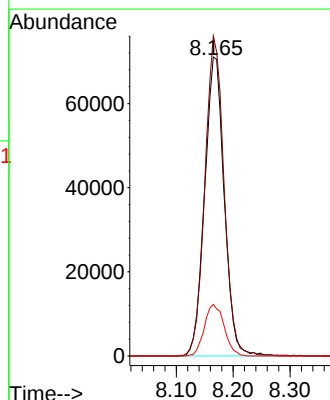
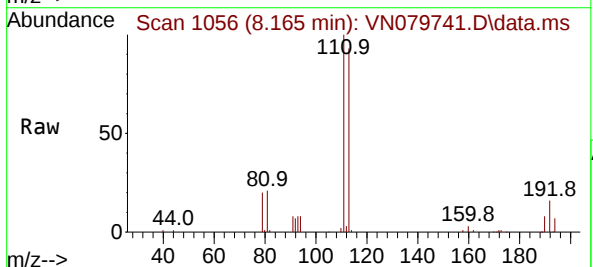
Tgt Ion:113 Resp: 170164

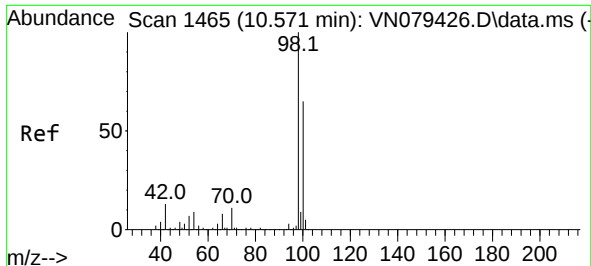
Ion Ratio Lower Upper

113 100

111 104.5 82.6 123.8

192 17.4 12.7 19.1

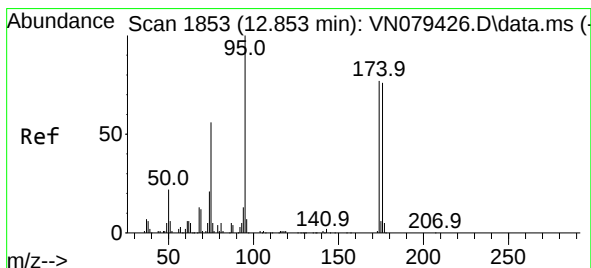
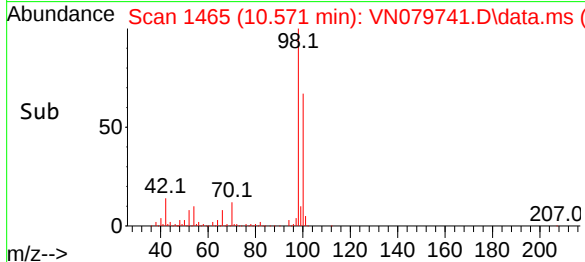
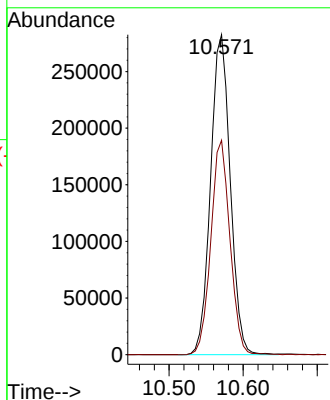
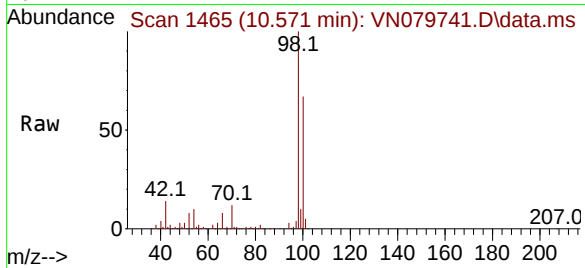




#50
Toluene-d8
Concen: 45.004 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

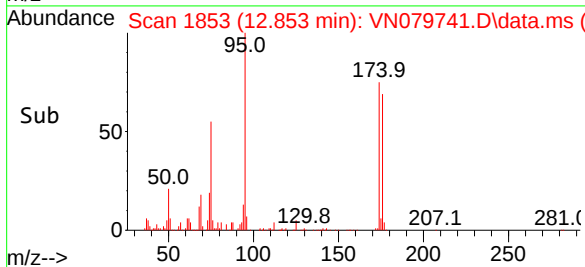
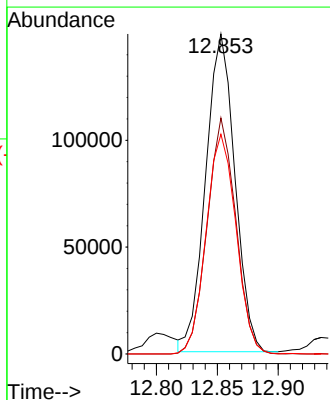
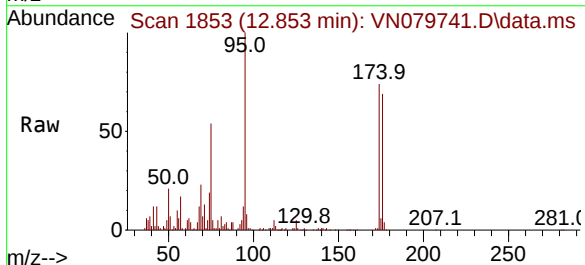
Instrument :
MSVOA_N
ClientSampleId :
N-3(0-5)ME

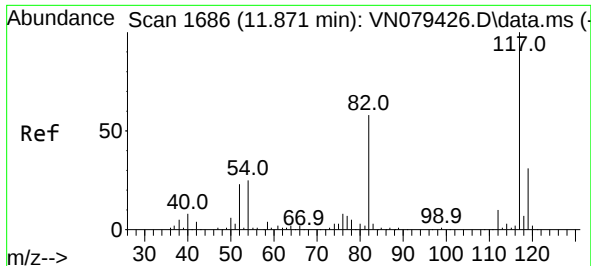
Tgt Ion: 98 Resp: 520244
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 68.236 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

Tgt Ion: 95 Resp: 248402
Ion Ratio Lower Upper
95 100
174 73.0 0.0 143.8
176 70.9 0.0 135.8

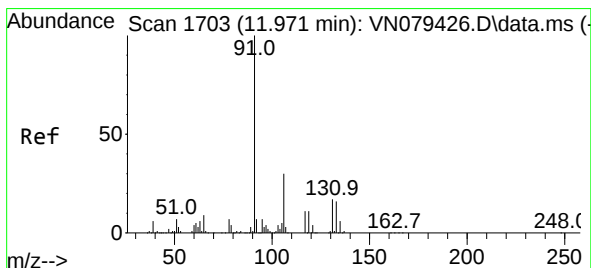
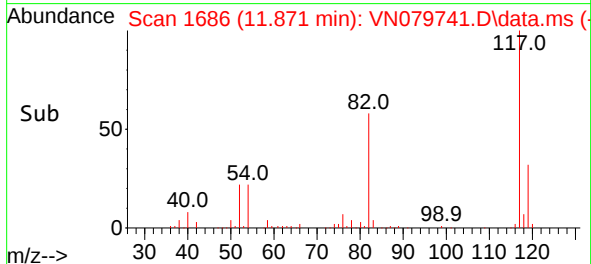
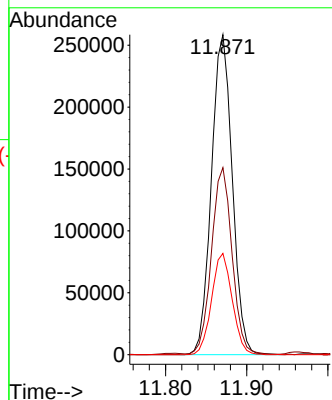
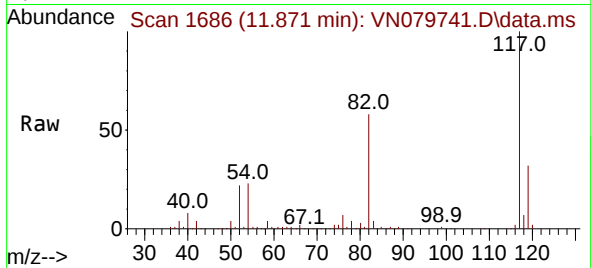




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

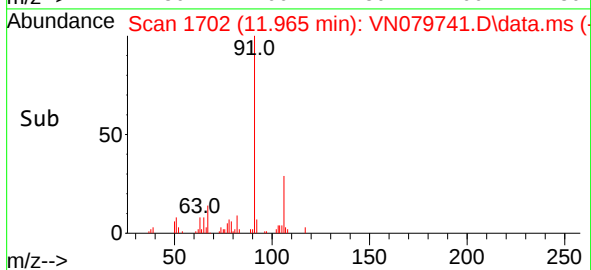
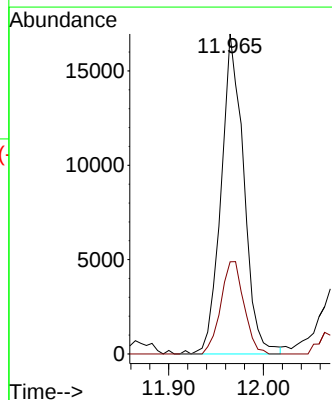
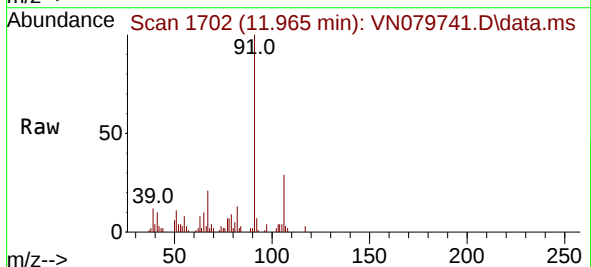
Instrument :
MSVOA_N
ClientSampleId :
N-3(0-5)ME

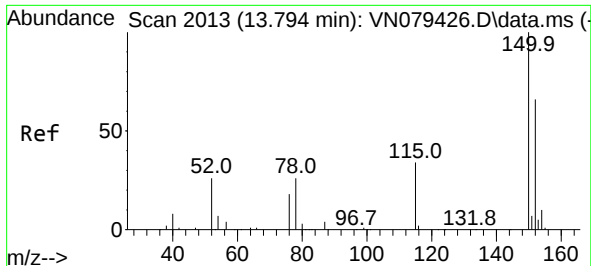
Tgt Ion:117 Resp: 461302
Ion Ratio Lower Upper
117 100
82 58.3 44.0 66.0
119 31.7 25.6 38.4



#67
Ethyl Benzene
Concen: 1.570 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

Tgt Ion: 91 Resp: 28237
Ion Ratio Lower Upper
91 100
106 28.8 25.6 38.4

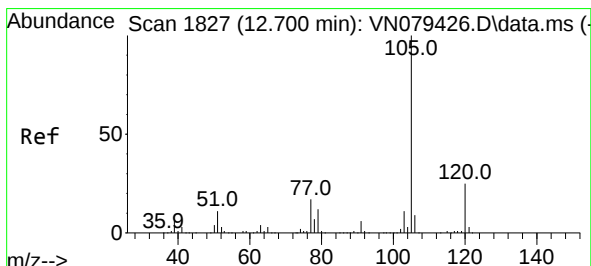
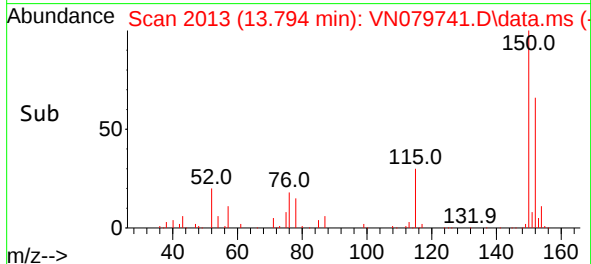
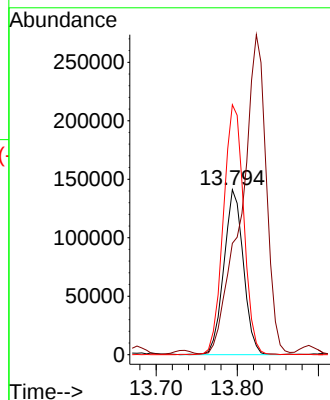
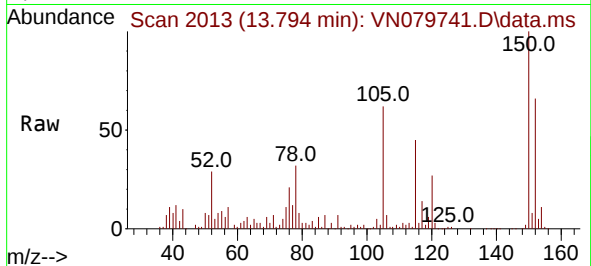




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN079741.D
 Acq: 31 Oct 2023 13:58

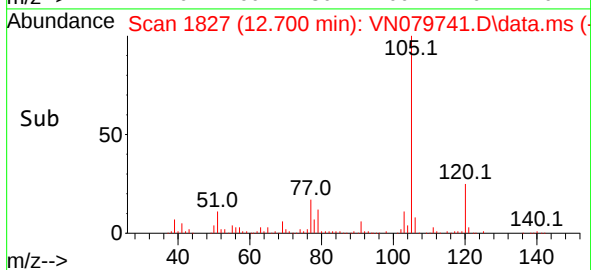
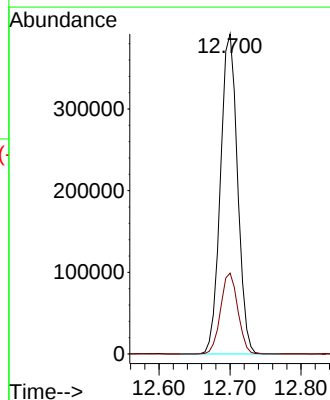
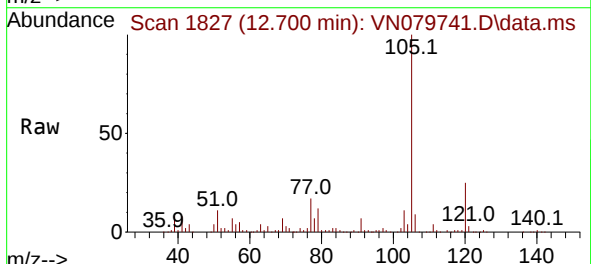
Instrument :
 MSVOA_N
 ClientSampleId :
 N-3(0-5)ME

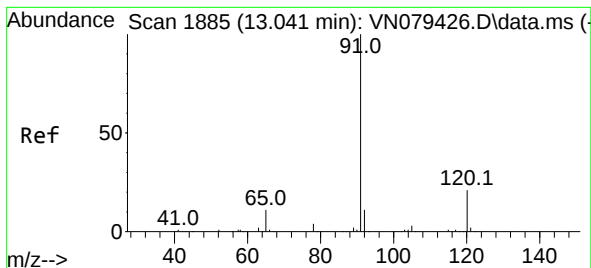
Tgt Ion:152 Resp: 235708
 Ion Ratio Lower Upper
 152 100
 115 0.0 32.3 96.8#
 150 157.7 0.0 355.8



#73
 Isopropylbenzene
 Concen: 30.558 ug/l
 RT: 12.700 min Scan# 1827
 Delta R.T. -0.000 min
 Lab File: VN079741.D
 Acq: 31 Oct 2023 13:58

Tgt Ion:105 Resp: 652417
 Ion Ratio Lower Upper
 105 100
 120 25.4 13.1 39.1





#78

n-propylbenzene

Concen: 193.096 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

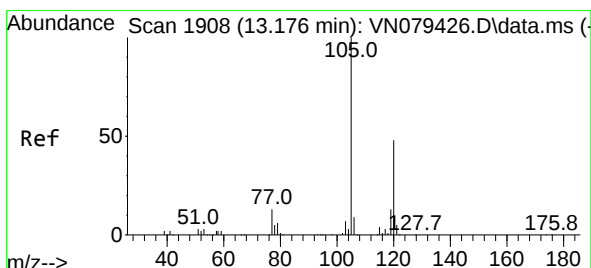
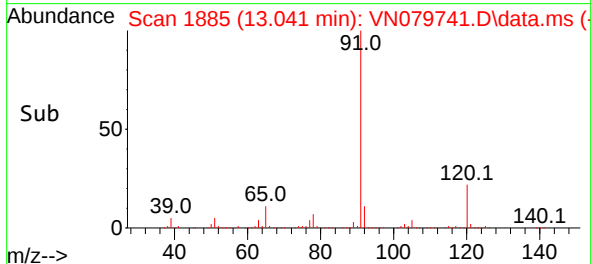
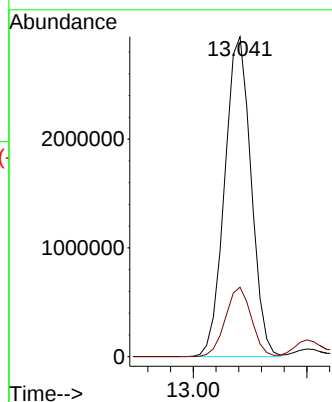
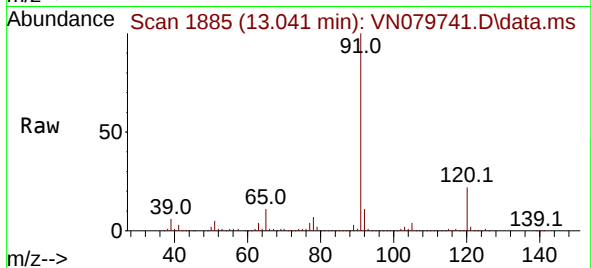
N-3(0-5)ME

Tgt Ion: 91 Resp: 4748944

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 39.952 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079741.D

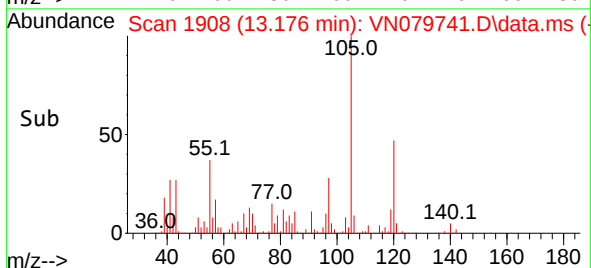
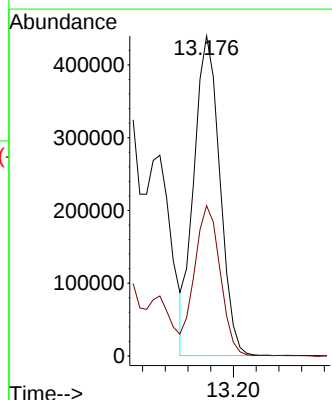
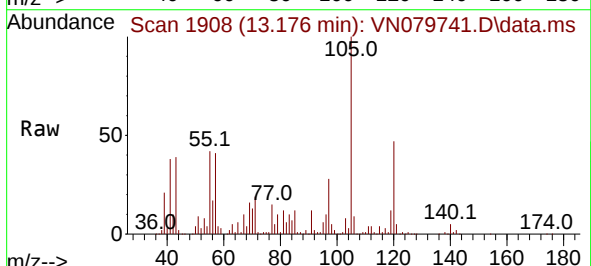
Acq: 31 Oct 2023 13:58

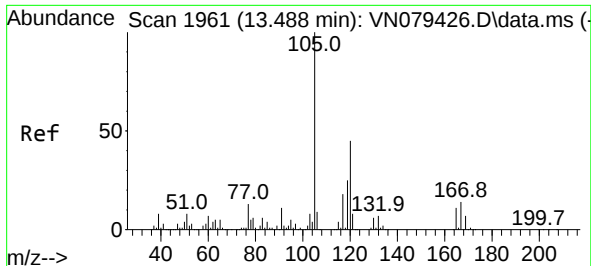
Tgt Ion:105 Resp: 695290

Ion Ratio Lower Upper

105 100

120 46.6 24.1 72.3

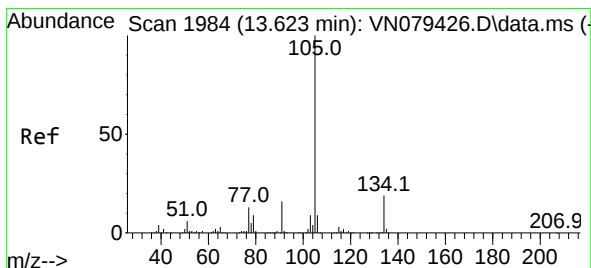
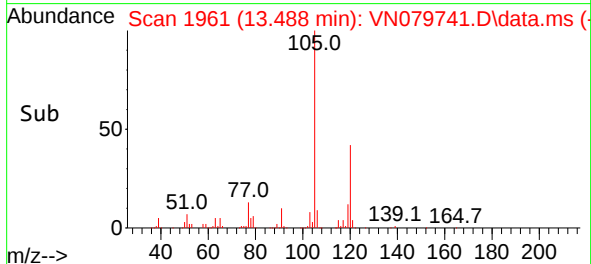
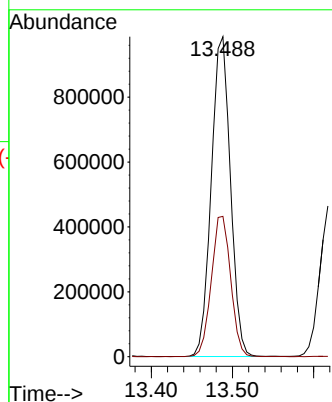
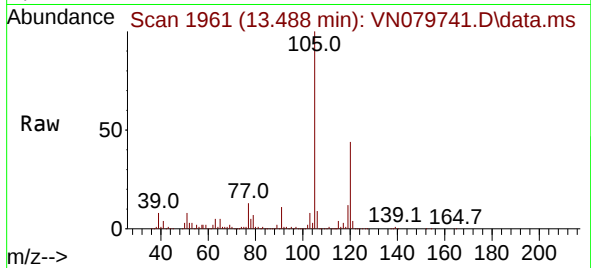




#84
1,2,4-Trimethylbenzene
Concen: 96.229 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

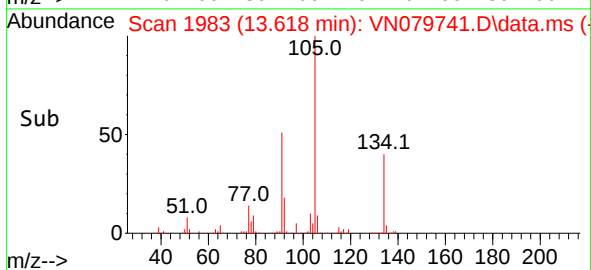
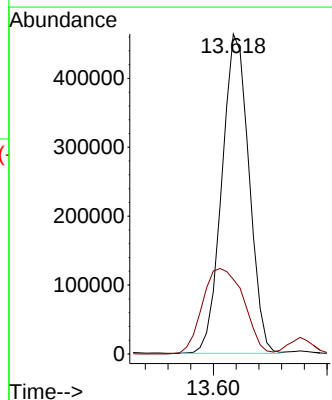
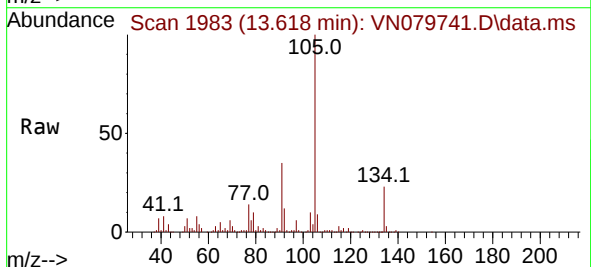
Instrument :
MSVOA_N
ClientSampleId :
N-3(0-5)ME

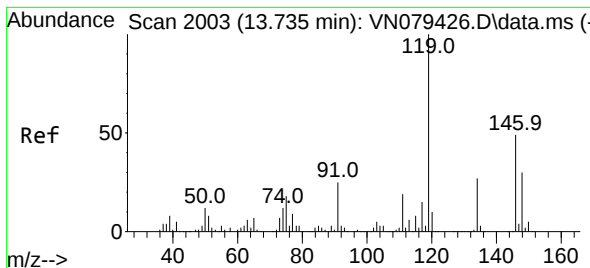
Tgt Ion:105 Resp: 1615630
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0



#85
sec-Butylbenzene
Concen: 38.586 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. -0.005 min
Lab File: VN079741.D
Acq: 31 Oct 2023 13:58

Tgt Ion:105 Resp: 767650
Ion Ratio Lower Upper
105 100
134 40.8 9.8 29.3#





#86

p-Isopropyltoluene

Concen: 4.223 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

N-3(0-5)ME

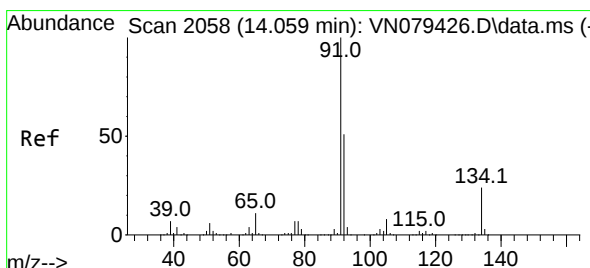
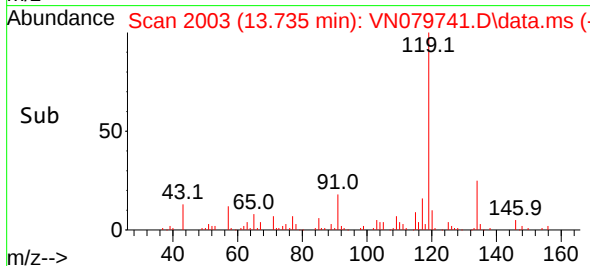
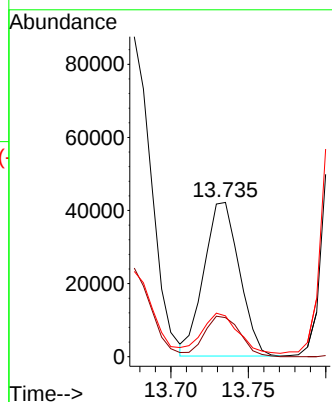
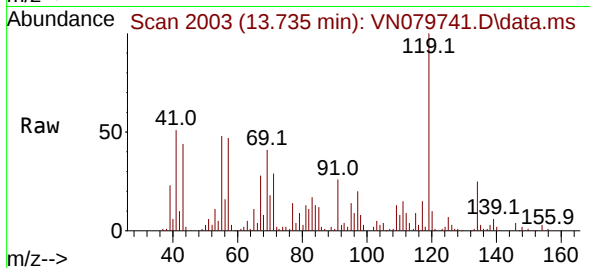
Tgt Ion:119 Resp: 66910

Ion Ratio Lower Upper

119 100

134 0.0 12.6 37.8#

91 0.0 12.4 37.2#



#89

n-Butylbenzene

Concen: 68.719 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079741.D

Acq: 31 Oct 2023 13:58

Tgt Ion: 91 Resp: 865112

Ion Ratio Lower Upper

91 100

92 48.5 26.4 79.0

134 0.0 12.6 37.6#

