

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
 Data File : VN076141.D
 Acq On : 06 Jan 2023 18:12
 Operator : JC\MD
 Sample : 01061-11 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOTE-3

Quant Time: Jan 06 22:57:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

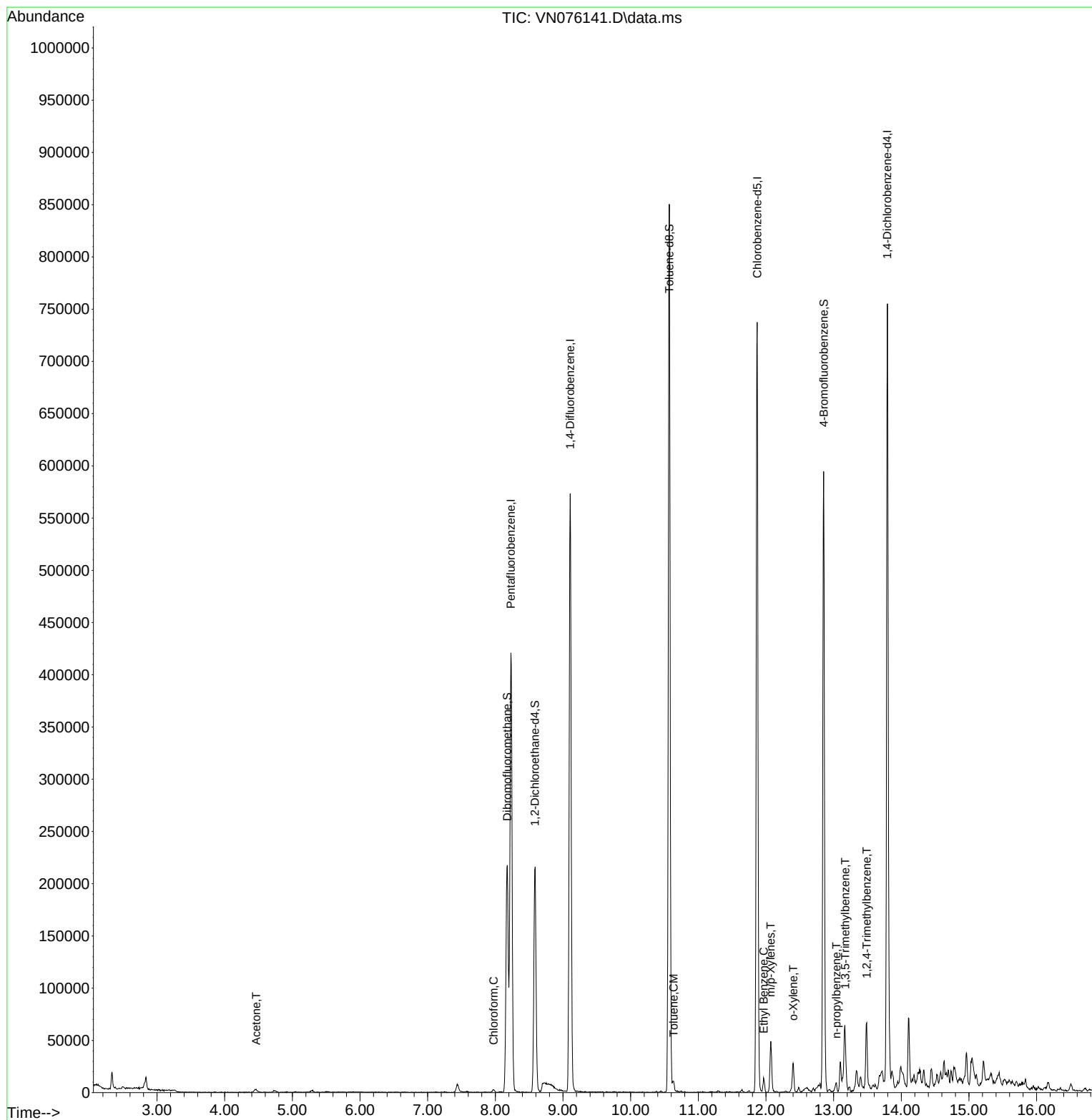
Internal Standards						
1) Pentafluorobenzene	8.230	168	321723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	529971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	460006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	210850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	175360	50.102	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.200%
35) Dibromofluoromethane	8.177	113	158435	48.273	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.540%
50) Toluene-d8	10.571	98	608025	49.549	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.100%
62) 4-Bromofluorobenzene	12.853	95	196246	48.285	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.560%
Target Compounds						
					Qvalue	
16) Acetone	4.465	43	6259	5.188	ug/l	91
30) Chloroform	7.977	83	2967	0.488	ug/l	95
52) Toluene	10.635	92	3921	0.448	ug/l	93
67) Ethyl Benzene	11.965	91	9525	0.598	ug/l	96
68) m/p-Xylenes	12.071	106	12855	2.038	ug/l	99
69) o-Xylene	12.406	106	7845	1.257	ug/l	96
78) n-propylbenzene	13.041	91	6294	0.375	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	10103	0.792	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	39997	3.162	ug/l	100

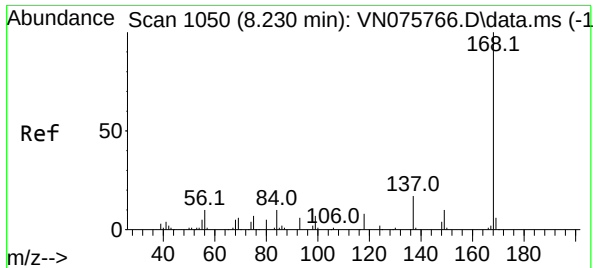
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
Data File : VN076141.D
Acq On : 06 Jan 2023 18:12
Operator : JC\MD
Sample : 01061-11 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TOTE-3

Quant Time: Jan 06 22:57:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

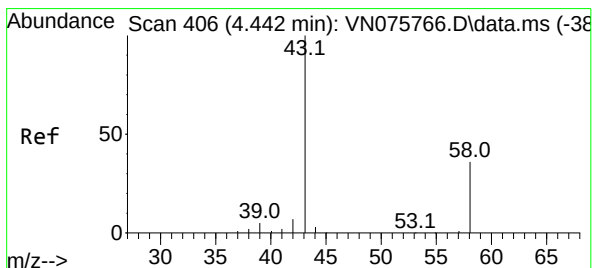
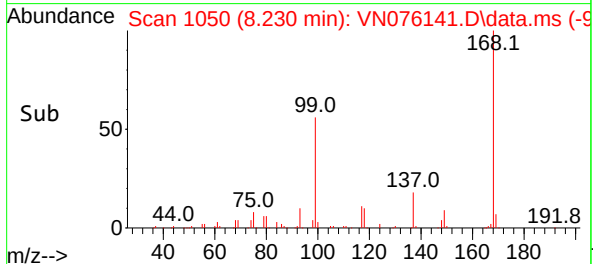
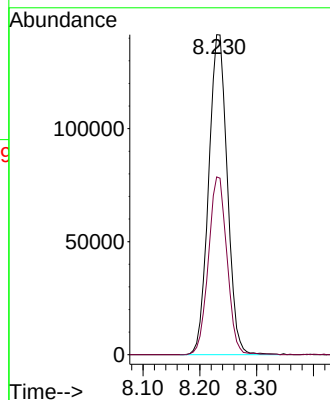
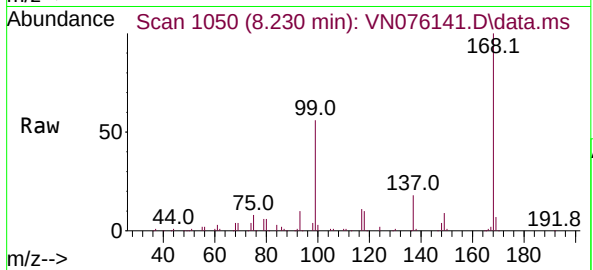




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076141.D
Acq: 06 Jan 2023 18:12

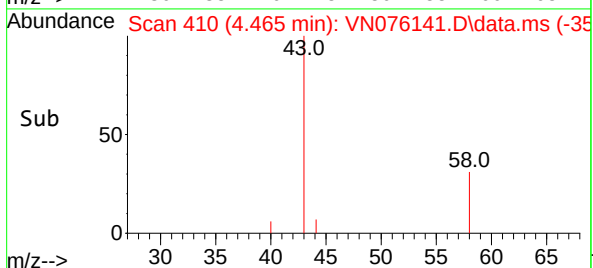
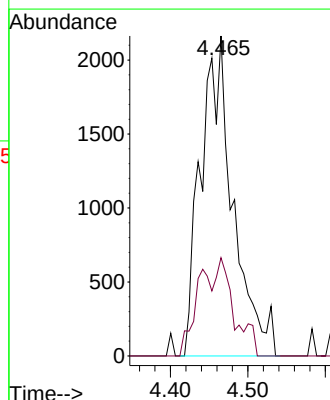
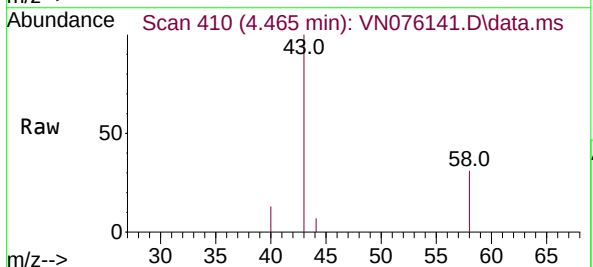
Instrument :
MSVOA_N
ClientSampleId :
TOTE-3

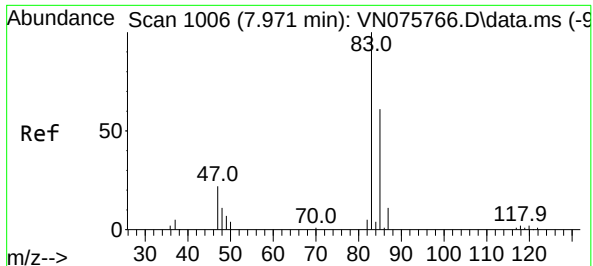
Tgt Ion:168 Resp: 321723
Ion Ratio Lower Upper
168 100
99 55.6 44.2 66.4



#16
Acetone
Concen: 5.188 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.024 min
Lab File: VN076141.D
Acq: 06 Jan 2023 18:12

Tgt Ion: 43 Resp: 6259
Ion Ratio Lower Upper
43 100
58 30.7 28.6 43.0





#30

Chloroform

Concen: 0.488 ug/l

RT: 7.977 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VN076141.D

Acq: 06 Jan 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :

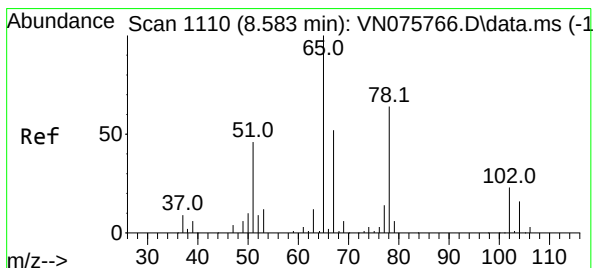
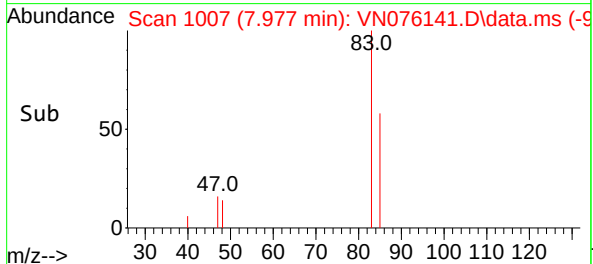
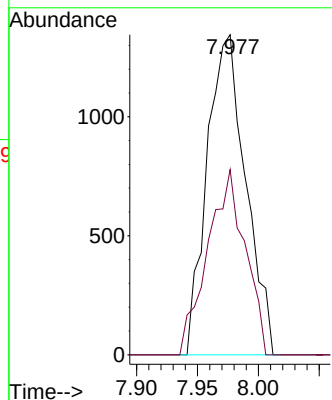
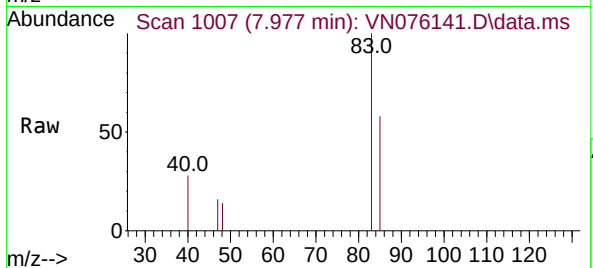
TOTE-3

Tgt Ion: 83 Resp: 2967

Ion Ratio Lower Upper

83 100

85 57.8 49.1 73.7



#33

1,2-Dichloroethane-d4

Concen: 50.102 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076141.D

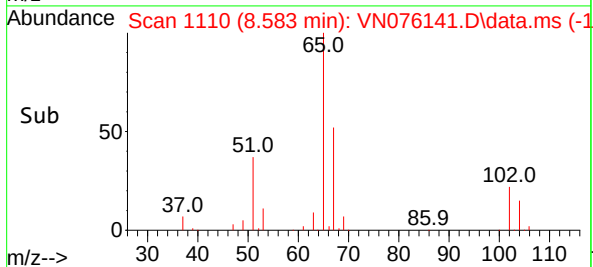
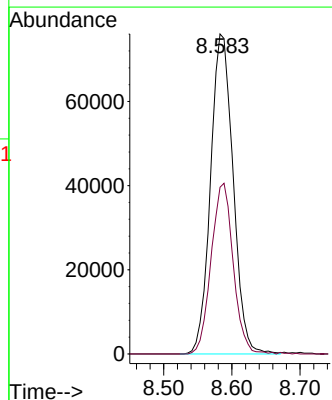
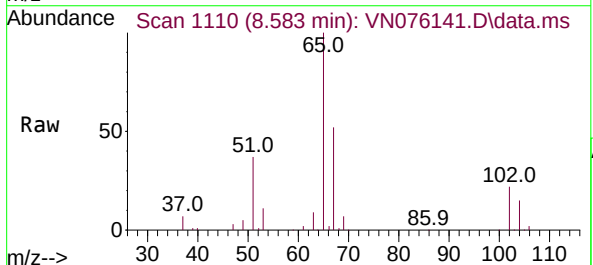
Acq: 06 Jan 2023 18:12

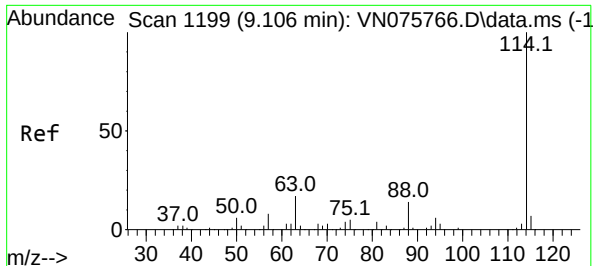
Tgt Ion: 65 Resp: 175360

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076141.D

Acq: 06 Jan 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :

TOTE-3

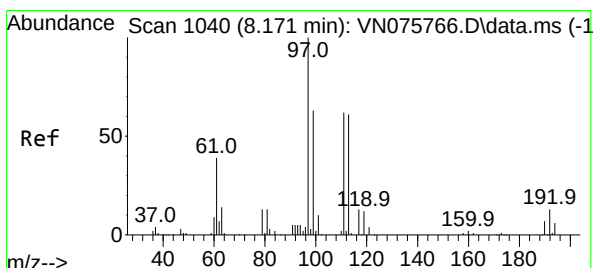
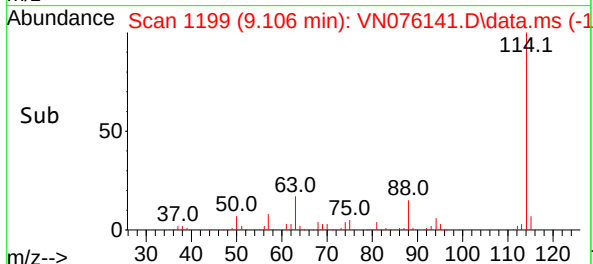
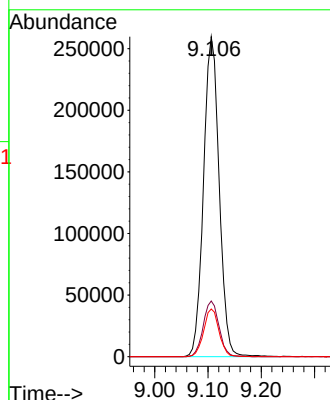
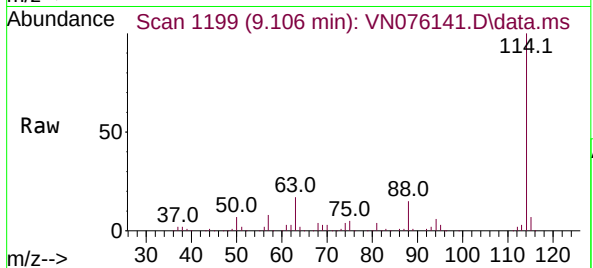
Tgt Ion:114 Resp: 529971

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.273 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076141.D

Acq: 06 Jan 2023 18:12

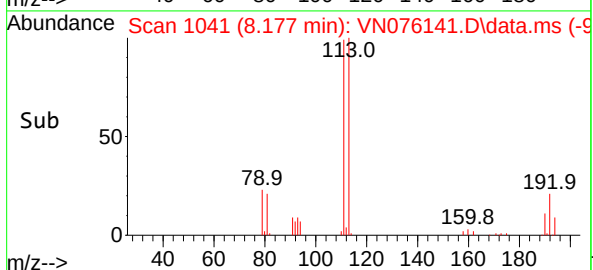
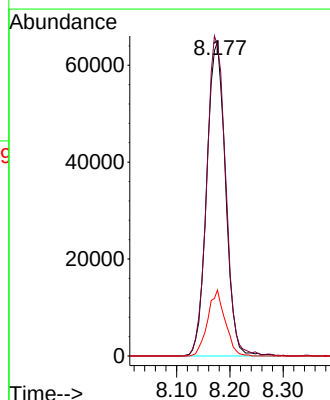
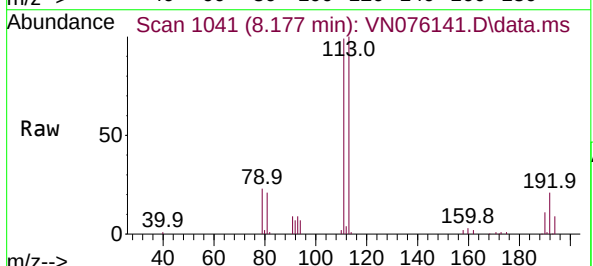
Tgt Ion:113 Resp: 158435

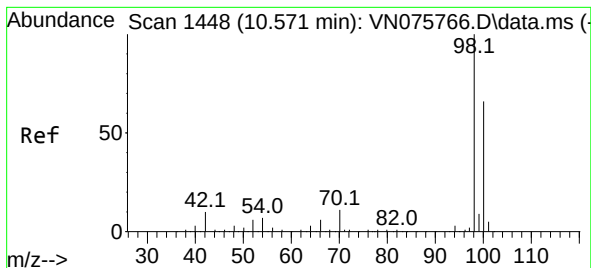
Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

192 19.6 16.1 24.1





#50

Toluene-d8

Concen: 49.549 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076141.D

Acq: 06 Jan 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :

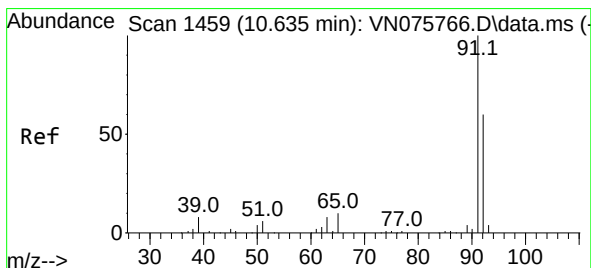
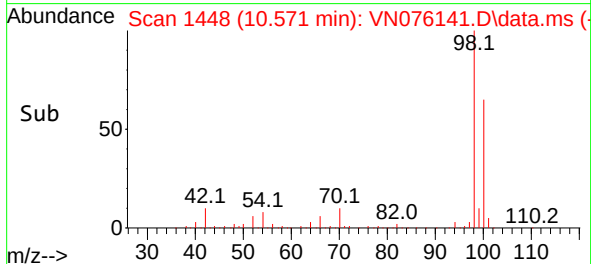
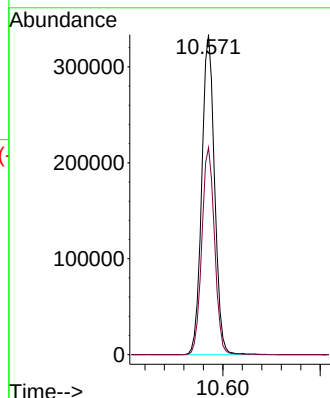
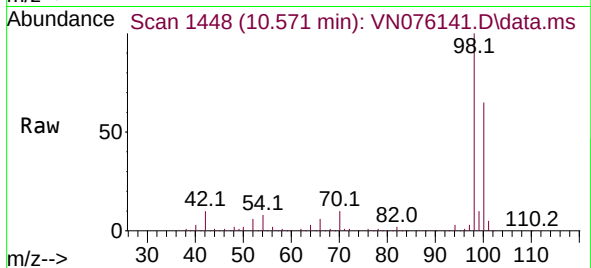
TOTE-3

Tgt Ion: 98 Resp: 608025

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1



#52

Toluene

Concen: 0.448 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VN076141.D

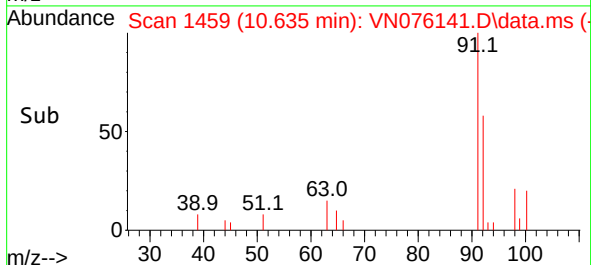
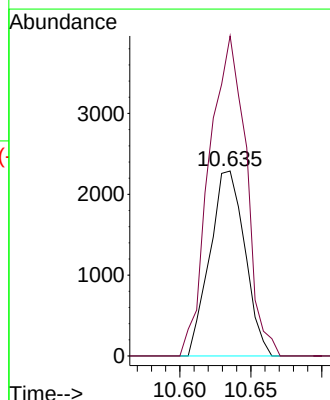
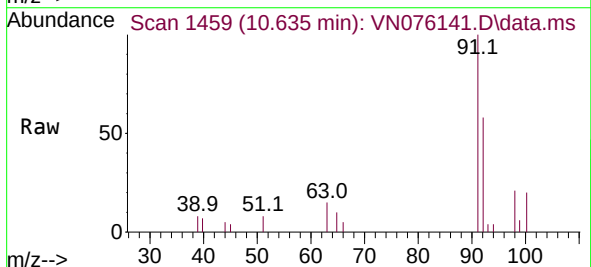
Acq: 06 Jan 2023 18:12

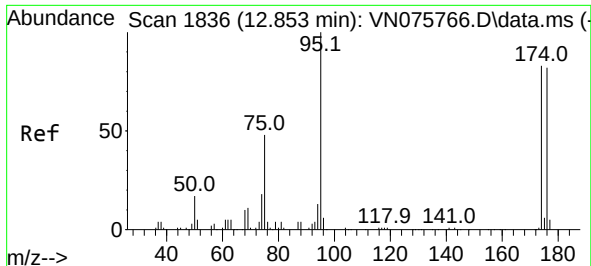
Tgt Ion: 92 Resp: 3921

Ion Ratio Lower Upper

92 100

91 181.8 137.3 205.9

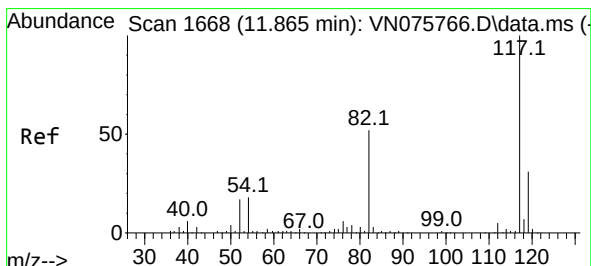
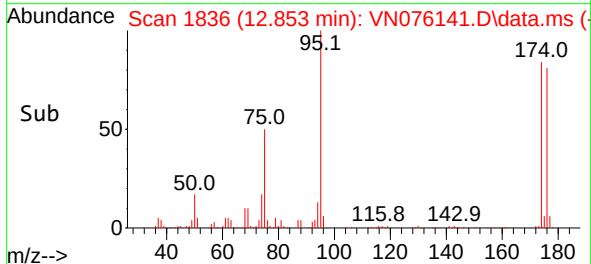
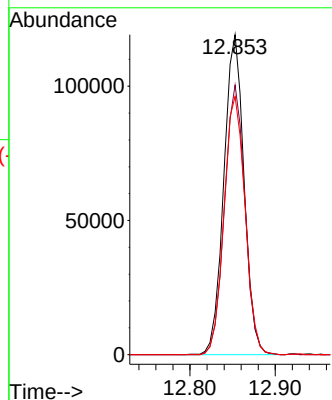
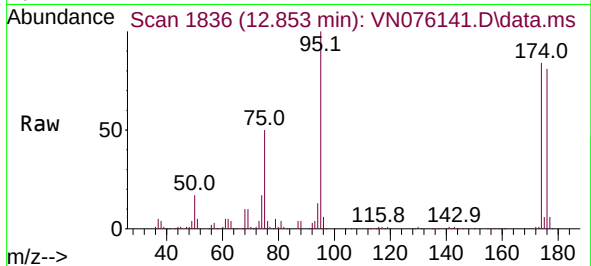




#62
4-Bromofluorobenzene
Concen: 48.285 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076141.D
Acq: 06 Jan 2023 18:12

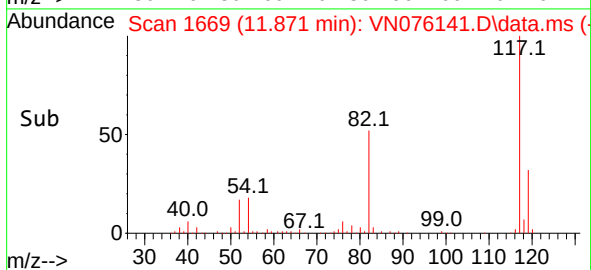
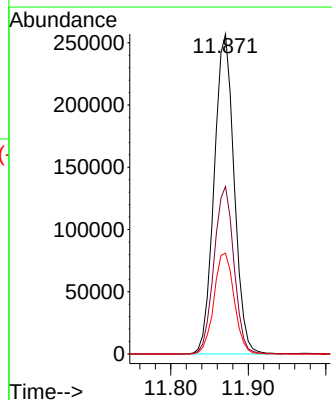
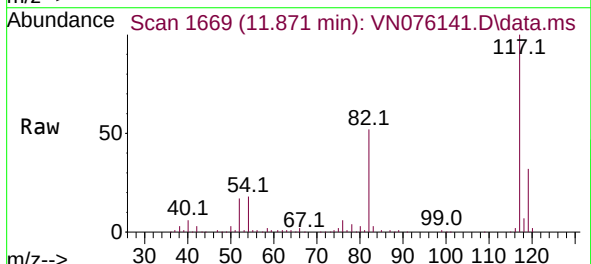
Instrument :
MSVOA_N
ClientSampleId :
TOTE-3

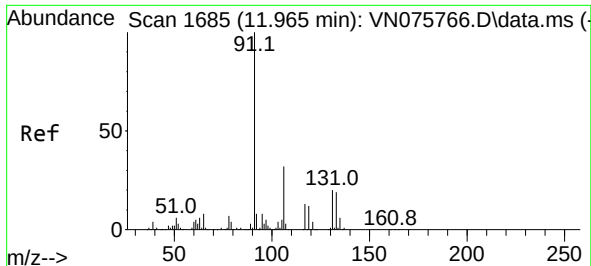
Tgt Ion: 95 Resp: 196246
Ion Ratio Lower Upper
95 100
174 84.9 0.0 171.6
176 83.9 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076141.D
Acq: 06 Jan 2023 18:12

Tgt Ion: 117 Resp: 460006
Ion Ratio Lower Upper
117 100
82 52.4 41.3 61.9
119 31.5 24.6 37.0





#67

Ethyl Benzene

Concen: 0.598 ug/l

RT: 11.965 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076141.D

Acq: 06 Jan 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :

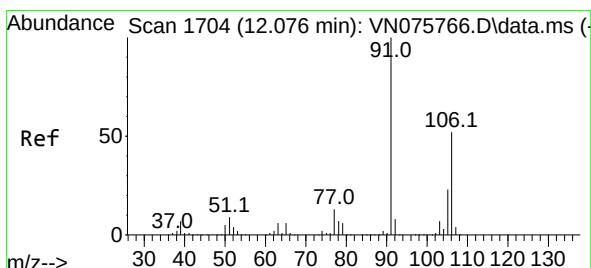
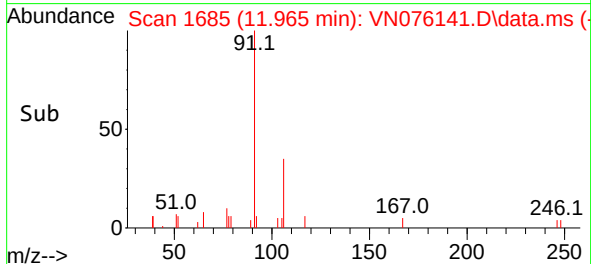
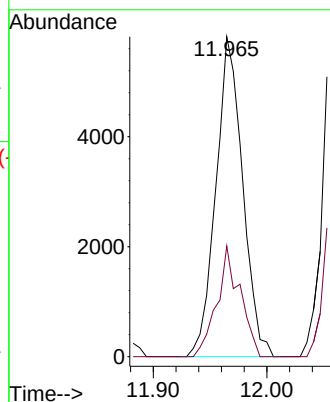
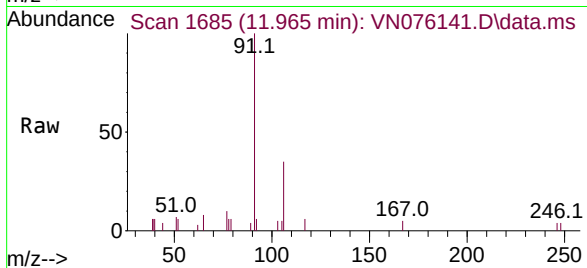
TOTE-3

Tgt Ion: 91 Resp: 9525

Ion Ratio Lower Upper

91 100

106 34.6 25.7 38.5



#68

m/p-Xylenes

Concen: 2.038 ug/l

RT: 12.071 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VN076141.D

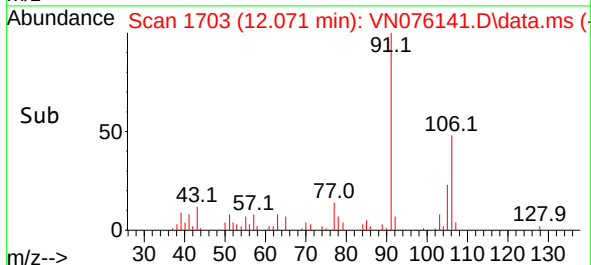
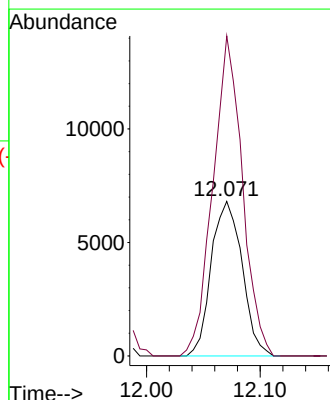
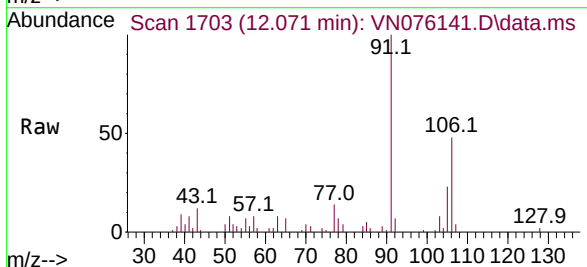
Acq: 06 Jan 2023 18:12

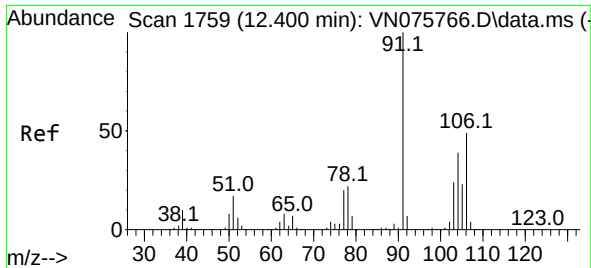
Tgt Ion: 106 Resp: 12855

Ion Ratio Lower Upper

106 100

91 197.7 156.6 235.0

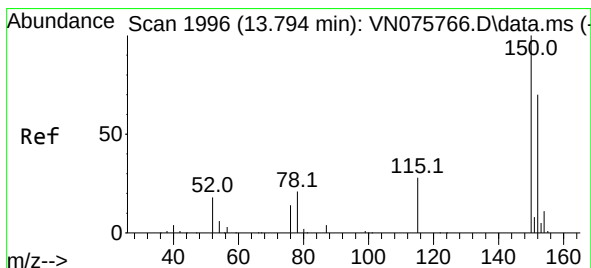
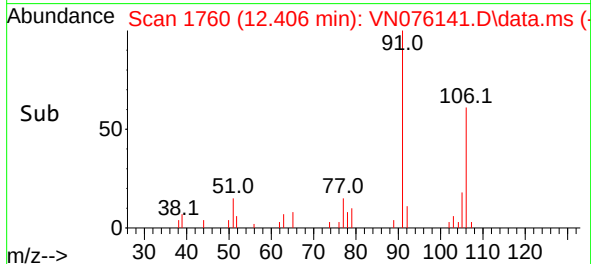
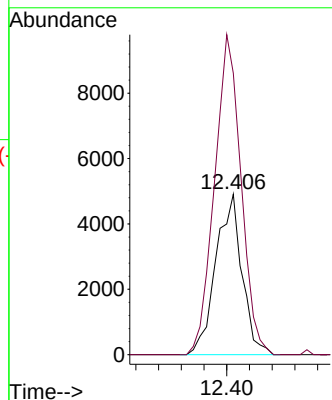
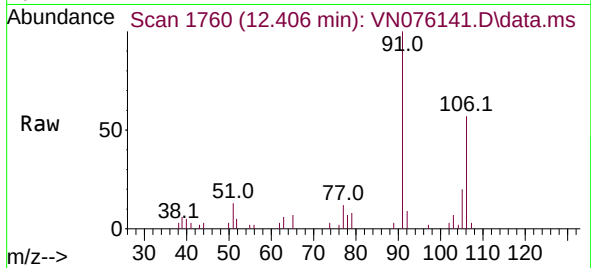




#69
o-Xylene
Concen: 1.257 ug/l
RT: 12.406 min Scan# 1759
Delta R.T. 0.006 min
Lab File: VN076141.D
Acq: 06 Jan 2023 18:12

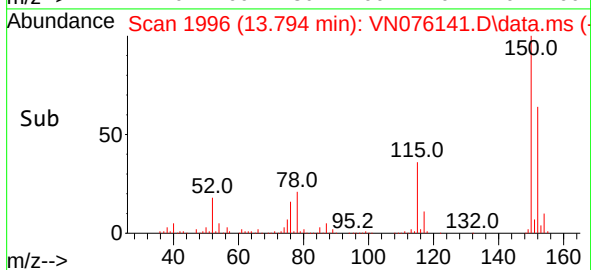
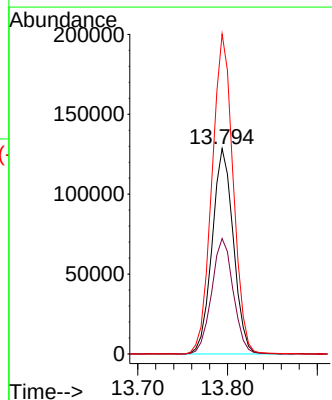
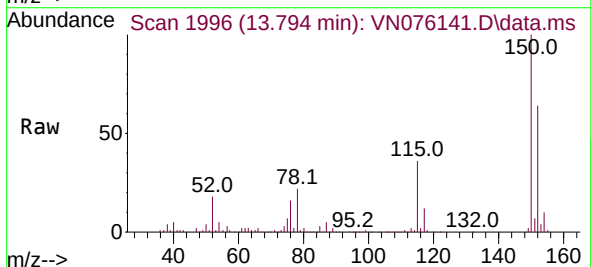
Instrument :
MSVOA_N
ClientSampleId :
TOTE-3

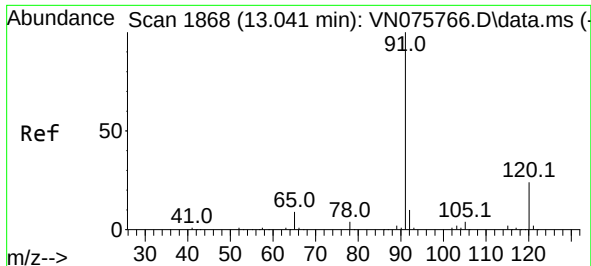
Tgt Ion:106 Resp: 7845
Ion Ratio Lower Upper
106 100
91 202.1 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076141.D
Acq: 06 Jan 2023 18:12

Tgt Ion:152 Resp: 210850
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.4
150 155.6 0.0 347.0

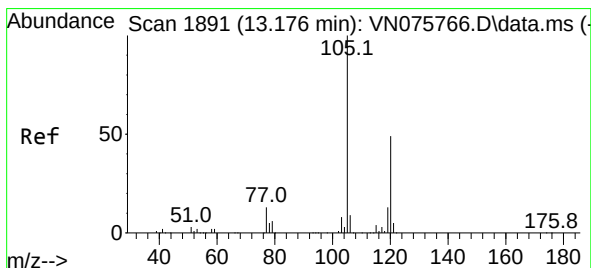
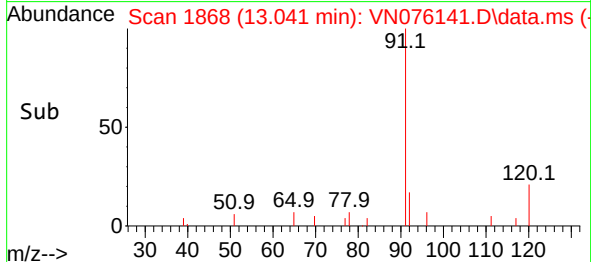
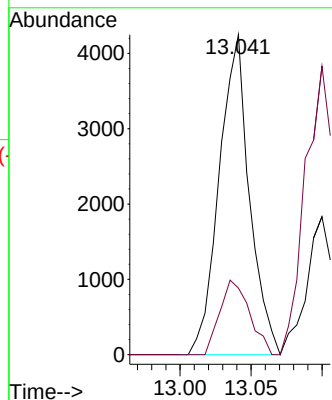
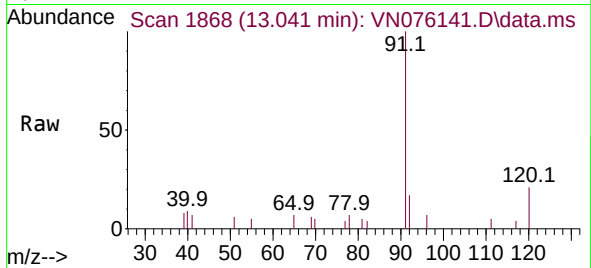




#78
n-propylbenzene
Concen: 0.375 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN076141.D
Acq: 06 Jan 2023 18:12

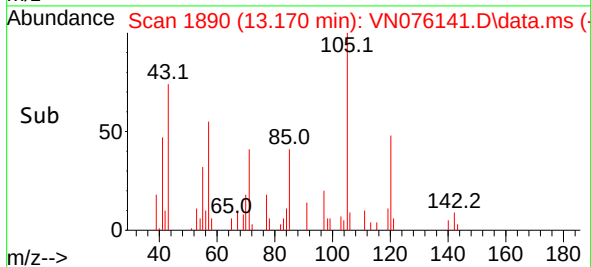
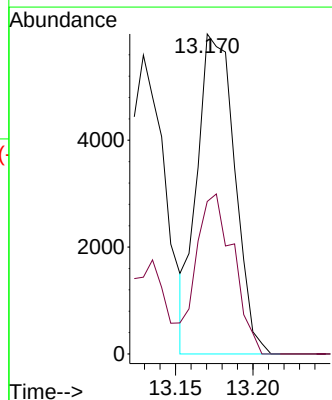
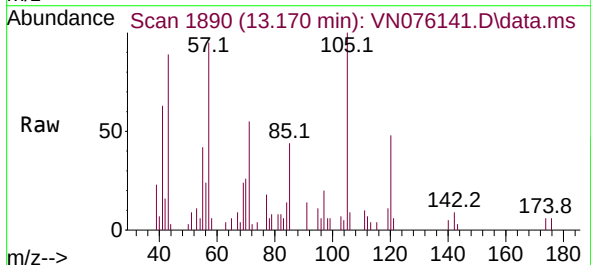
Instrument :
MSVOA_N
ClientSampleId :
TOTE-3

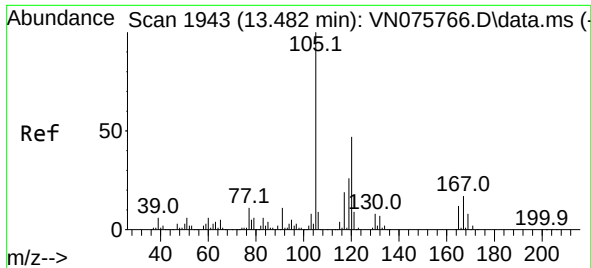
Tgt Ion: 91 Resp: 6294
Ion Ratio Lower Upper
91 100
120 22.9 12.0 36.1



#80
1,3,5-Trimethylbenzene
Concen: 0.792 ug/l
RT: 13.170 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VN076141.D
Acq: 06 Jan 2023 18:12

Tgt Ion: 105 Resp: 10103
Ion Ratio Lower Upper
105 100
120 51.0 24.7 74.1





#84
 1,2,4-Trimethylbenzene
 Concen: 3.162 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN076141.D
 Acq: 06 Jan 2023 18:12

Instrument :
 MSVOA_N
 ClientSampleId :
 TOTE-3

Tgt Ion:105 Resp: 39997
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.3 69.8

