

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076963.D
 Acq On : 13 Mar 2023 15:44
 Operator : JC\MD
 Sample : 01841-01DL2 400X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MORRIS-030823DL2

Quant Time: Mar 13 16:14:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

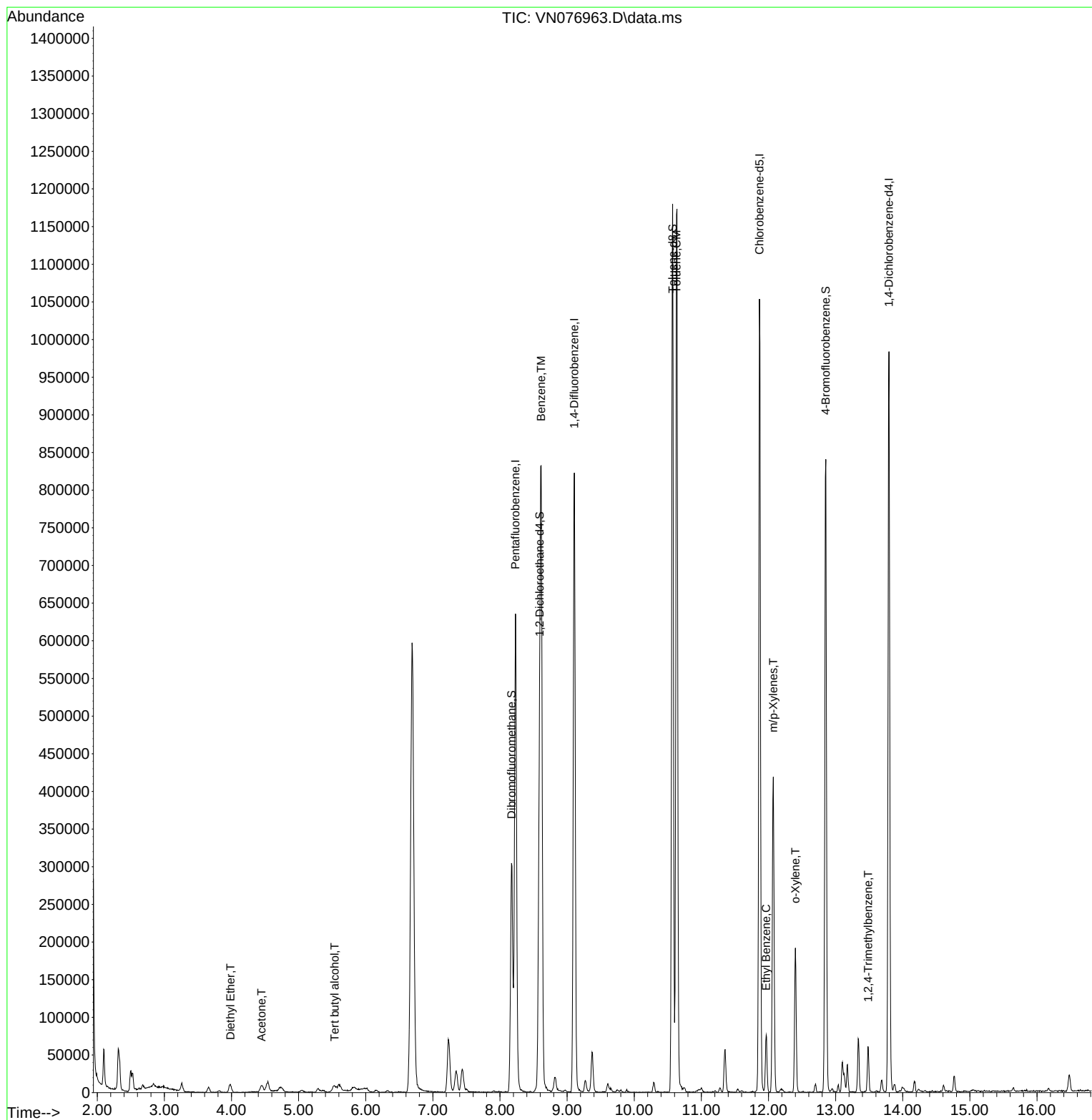
Internal Standards						
1) Pentafluorobenzene	8.231	168	436535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	701520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	610839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	267197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	286545	43.987	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.980%
35) Dibromofluoromethane	8.172	113	218733	46.784	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.560%
50) Toluene-d8	10.572	98	820533	47.619	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.854	95	307017	48.713	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.420%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.984	74	7301	2.214	ug/l	89
11) Tert butyl alcohol	5.537	59	16125	17.794	ug/l #	83
16) Acetone	4.449	43	16121	7.142	ug/l	93
40) Benzene	8.613	78	808169	37.916	ug/l	99
52) Toluene	10.630	92	536898	40.928	ug/l	99
67) Ethyl Benzene	11.966	91	55563	2.212	ug/l	96
68) m/p-Xylenes	12.072	106	130015	13.768	ug/l	86
69) o-Xylene	12.401	106	52724	5.751	ug/l	86
84) 1,2,4-Trimethylbenzene	13.483	105	36078	1.778	ug/l	91

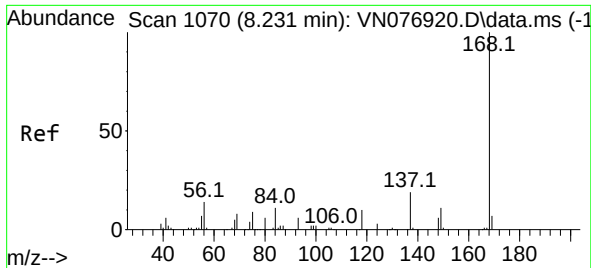
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

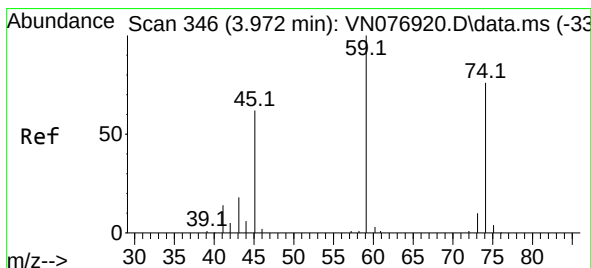
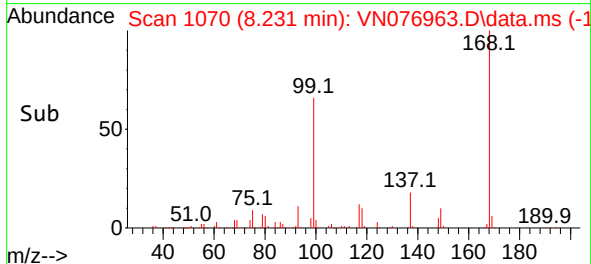
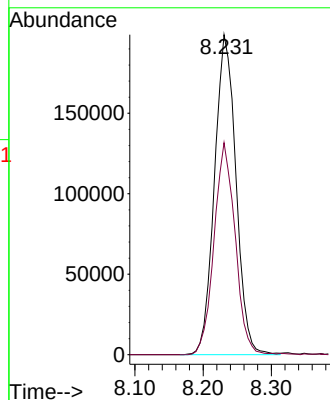
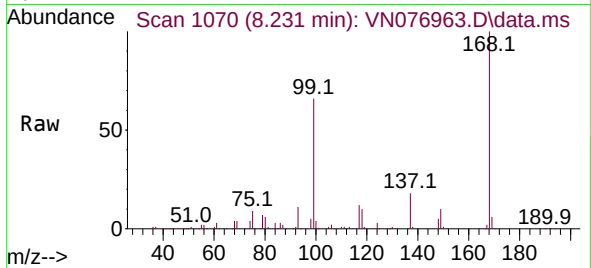




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076963.D
Acq: 13 Mar 2023 15:44

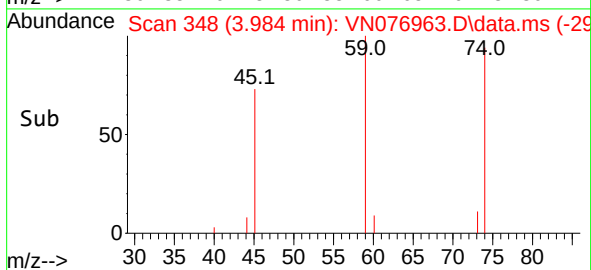
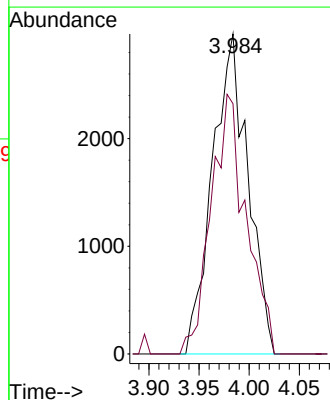
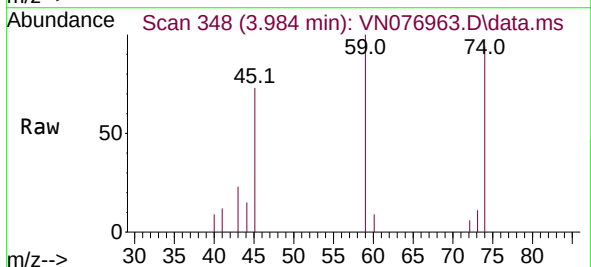
Instrument :
MSVOA_N
ClientSampleId :
MORRIS-030823DL2

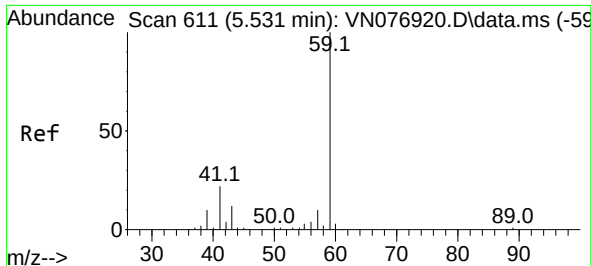
Tgt Ion:168 Resp: 436535
Ion Ratio Lower Upper
168 100
99 66.3 48.6 73.0



#8
Diethyl Ether
Concen: 2.214 ug/l
RT: 3.984 min Scan# 348
Delta R.T. 0.012 min
Lab File: VN076963.D
Acq: 13 Mar 2023 15:44

Tgt Ion: 74 Resp: 7301
Ion Ratio Lower Upper
74 100
45 80.2 35.5 106.5

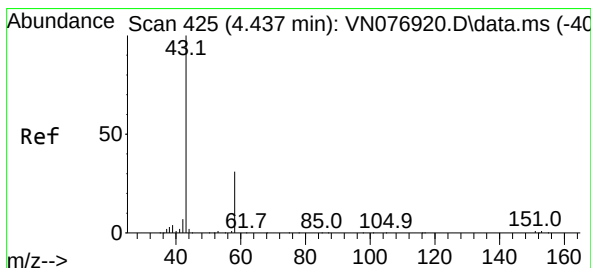
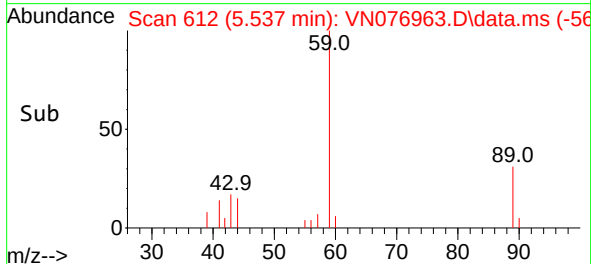
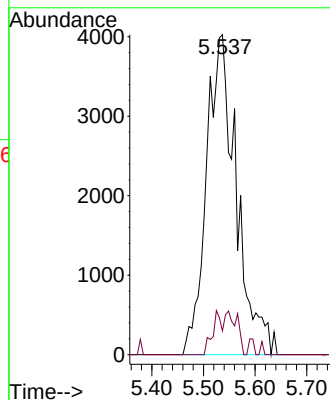
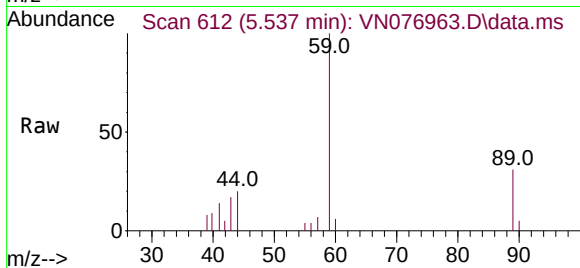




#11
Tert butyl alcohol
Concen: 17.794 ug/l
RT: 5.537 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN076963.D
Acq: 13 Mar 2023 15:44

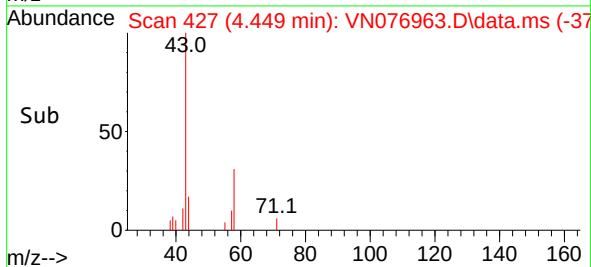
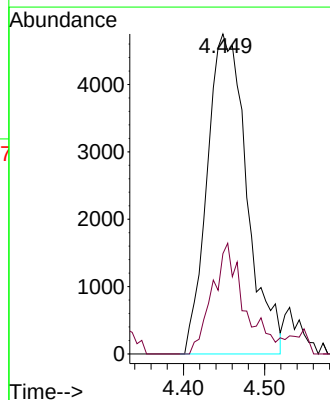
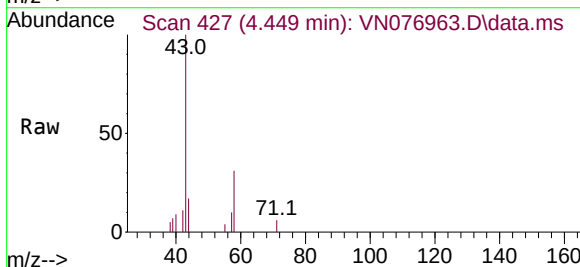
Instrument :
MSVOA_N
ClientSampleId :
MORRIS-030823DL2

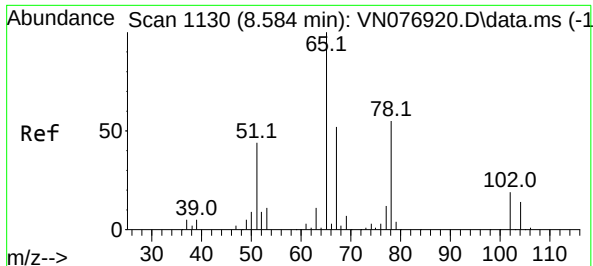
Tgt Ion: 59 Resp: 16125
Ion Ratio Lower Upper
59 100
57 4.3 8.6 12.8#



#16
Acetone
Concen: 7.142 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN076963.D
Acq: 13 Mar 2023 15:44

Tgt Ion: 43 Resp: 16121
Ion Ratio Lower Upper
43 100
58 31.3 28.2 42.2





#33

1,2-Dichloroethane-d4

Concen: 43.987 ug/l

RT: 8.589 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN076963.D

Acq: 13 Mar 2023 15:44

Instrument :

MSVOA_N

ClientSampleId :

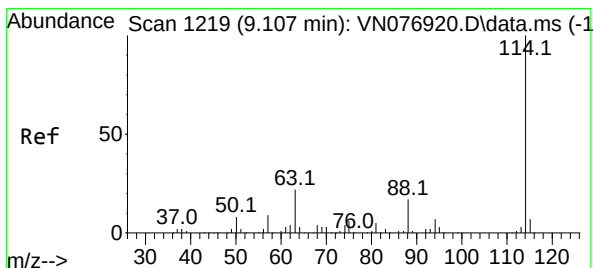
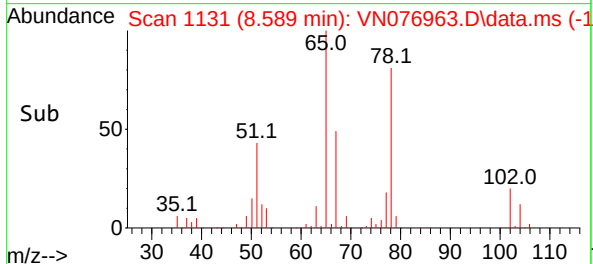
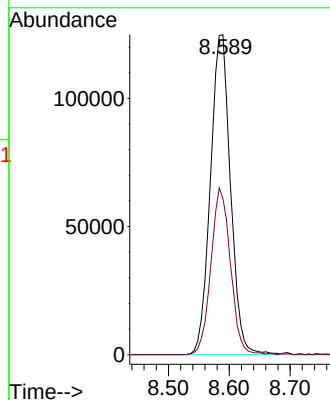
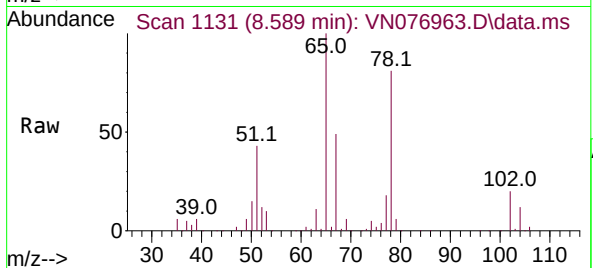
MORRIS-030823DL2

Tgt Ion: 65 Resp: 286545

Ion Ratio Lower Upper

65 100

67 50.5 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076963.D

Acq: 13 Mar 2023 15:44

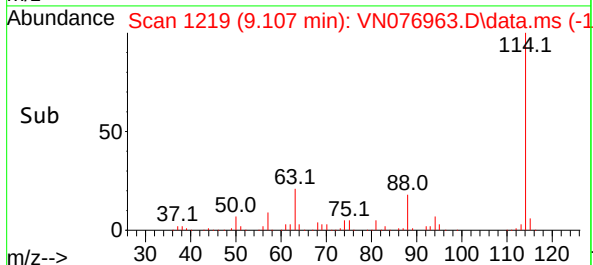
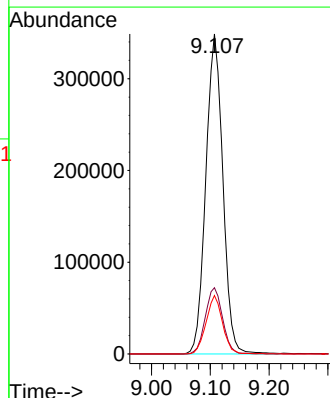
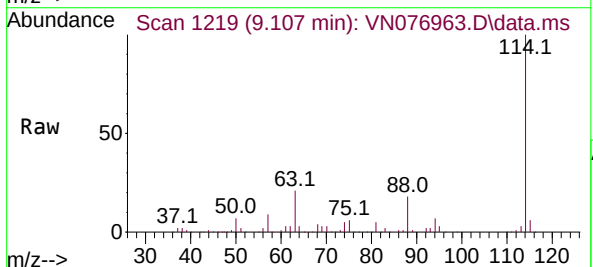
Tgt Ion: 114 Resp: 701520

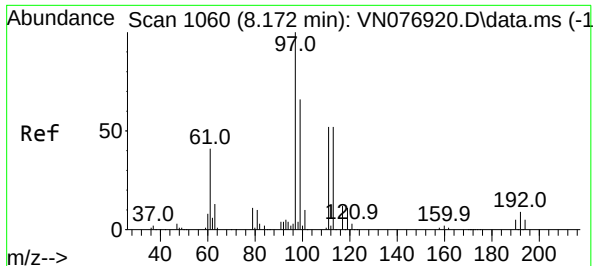
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.6

88 18.2 0.0 28.6





#35

Dibromofluoromethane

Concen: 46.784 ug/l

RT: 8.172 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VN076963.D

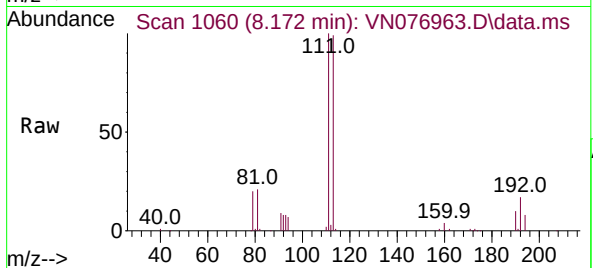
Acq: 13 Mar 2023 15:44

Instrument :

MSVOA_N

ClientSampleId :

MORRIS-030823DL2



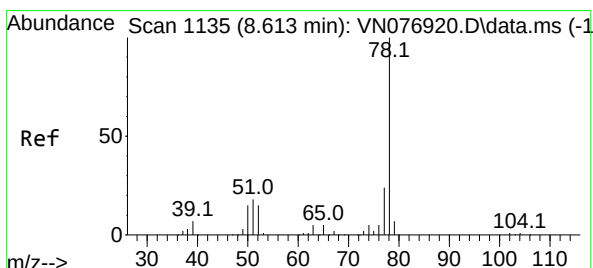
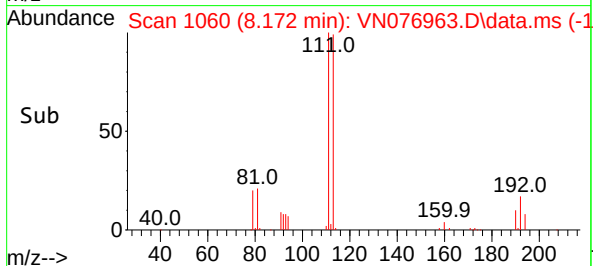
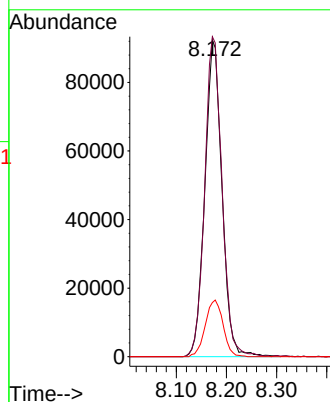
Tgt Ion:113 Resp: 218733

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

192 18.6 13.9 20.9



#40

Benzene

Concen: 37.916 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN076963.D

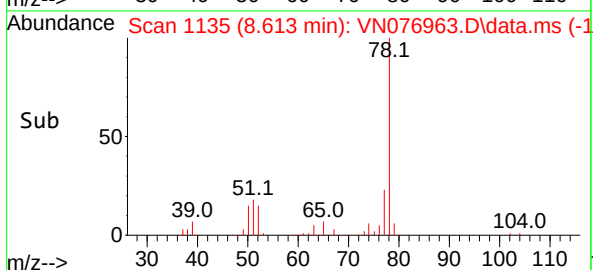
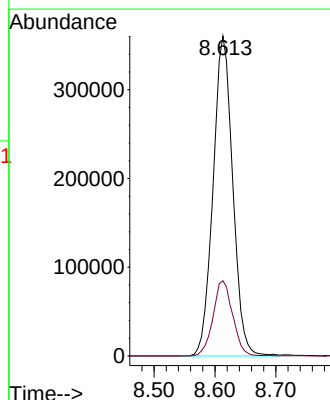
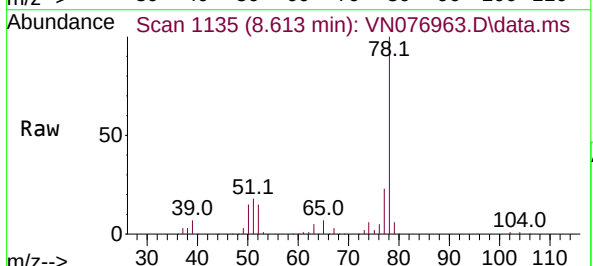
Acq: 13 Mar 2023 15:44

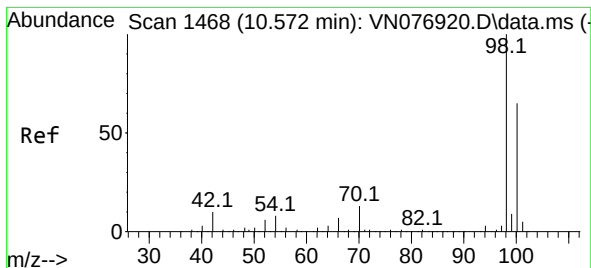
Tgt Ion: 78 Resp: 808169

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9





#50

Toluene-d8

Concen: 47.619 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076963.D

Acq: 13 Mar 2023 15:44

Instrument :

MSVOA_N

ClientSampleId :

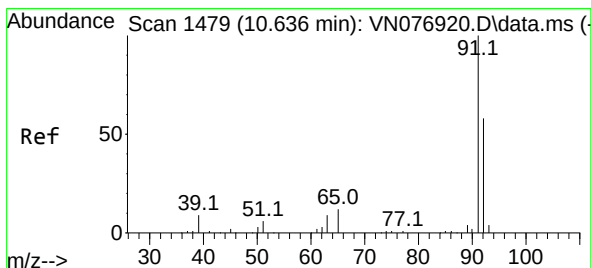
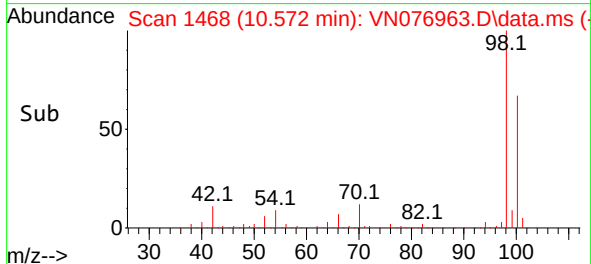
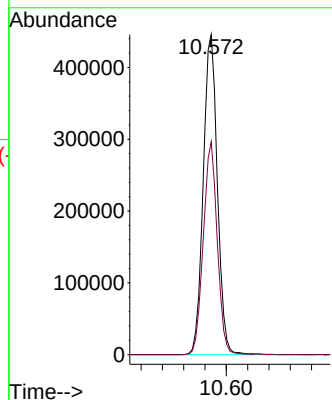
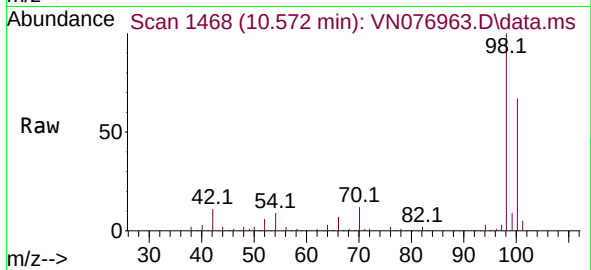
MORRIS-030823DL2

Tgt Ion: 98 Resp: 820533

Ion Ratio Lower Upper

98 100

100 65.6 52.8 79.2



#52

Toluene

Concen: 40.928 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. -0.006 min

Lab File: VN076963.D

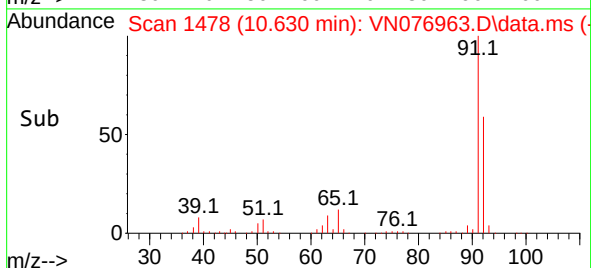
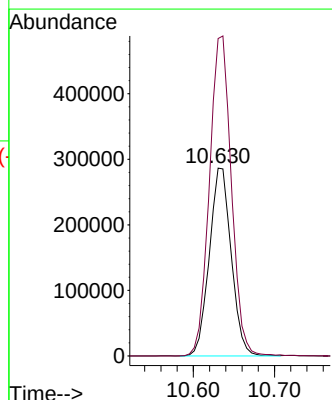
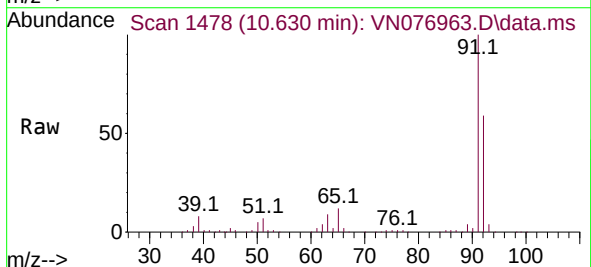
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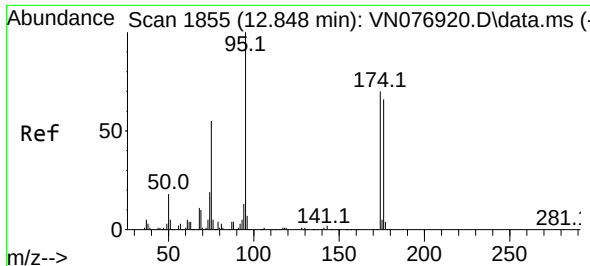
Tgt Ion: 92 Resp: 536898

Ion Ratio Lower Upper

92 100

91 171.0 138.2 207.2

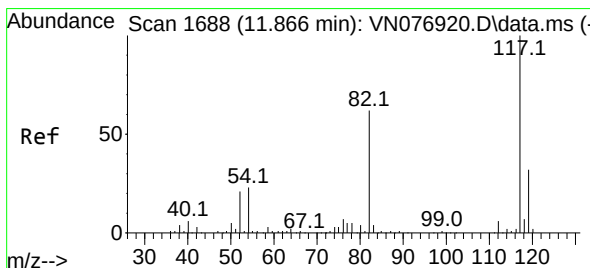
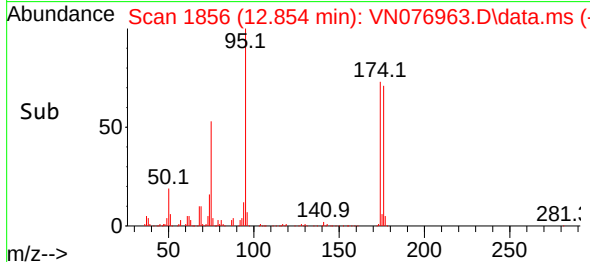
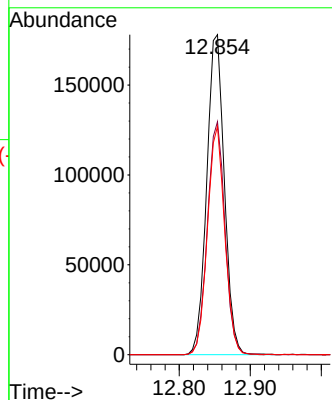
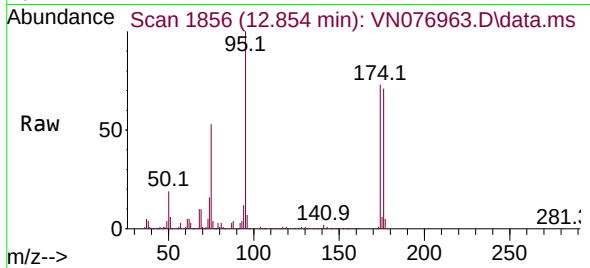




#62
4-Bromofluorobenzene
Concen: 48.713 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN076963.D
Acq: 13 Mar 2023 15:44

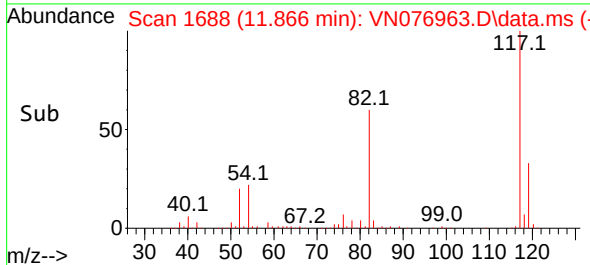
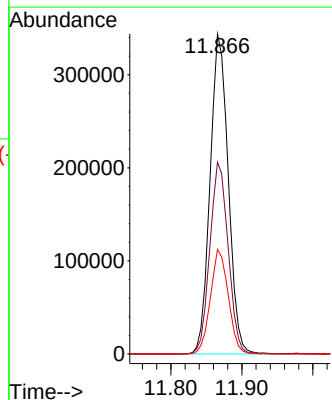
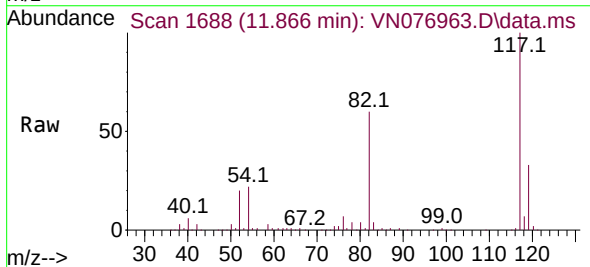
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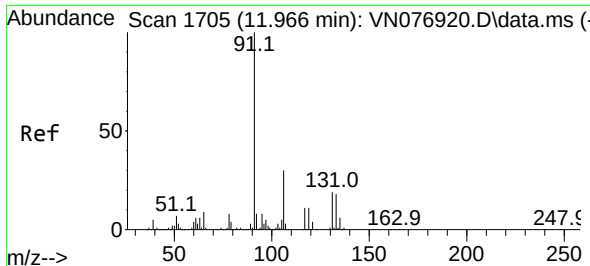
Tgt Ion: 95 Resp: 307017
Ion Ratio Lower Upper
95 100
174 72.7 0.0 162.4
176 69.9 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076963.D
Acq: 13 Mar 2023 15:44

Tgt Ion: 117 Resp: 610839
Ion Ratio Lower Upper
117 100
82 59.9 43.5 65.3
119 32.7 25.5 38.3

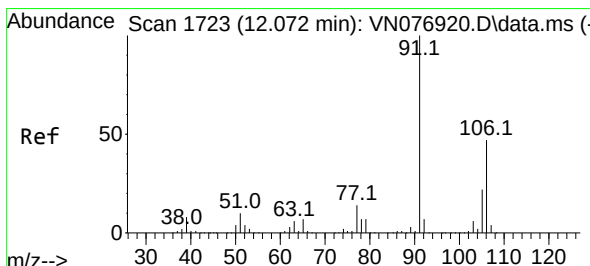
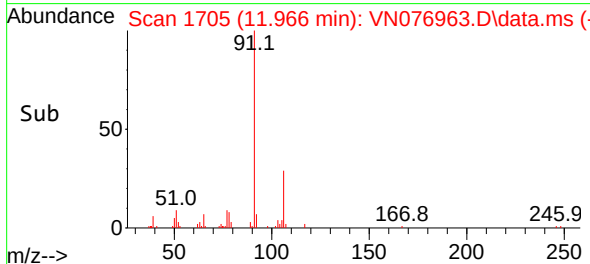
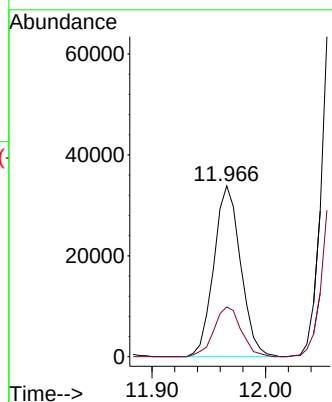
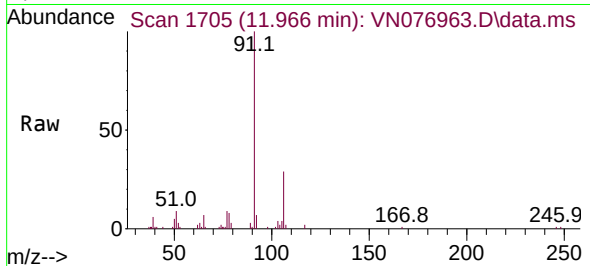




#67
Ethyl Benzene
Concen: 2.212 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076963.D
Acq: 13 Mar 2023 15:44

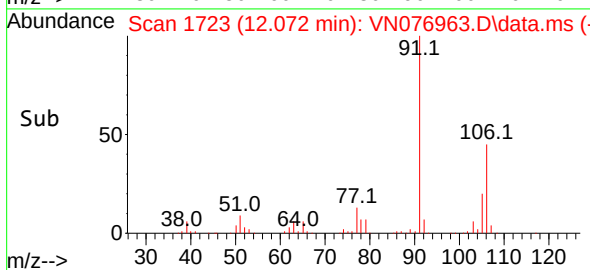
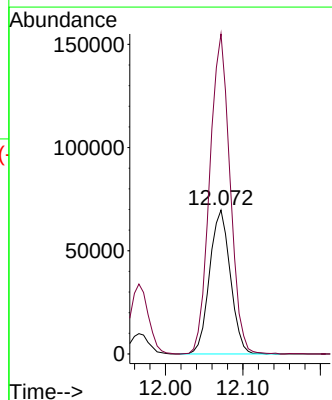
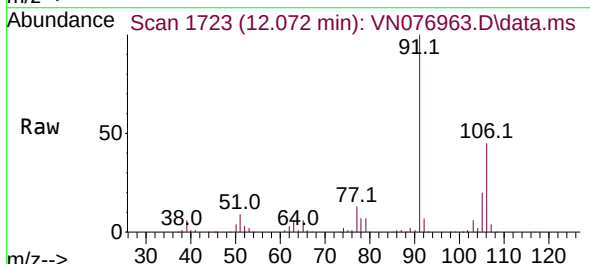
Instrument :
MSVOA_N
ClientSampleId :
MORRIS-030823DL2

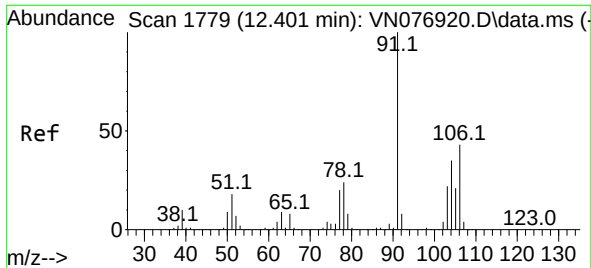
Tgt Ion: 91 Resp: 55563
Ion Ratio Lower Upper
91 100
106 29.2 25.1 37.7



#68
m/p-Xylenes
Concen: 13.768 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076963.D
Acq: 13 Mar 2023 15:44

Tgt Ion: 106 Resp: 130015
Ion Ratio Lower Upper
106 100
91 217.9 158.0 237.0

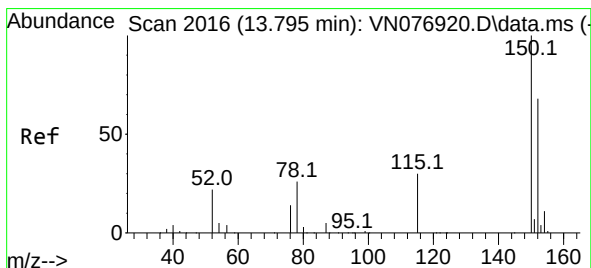
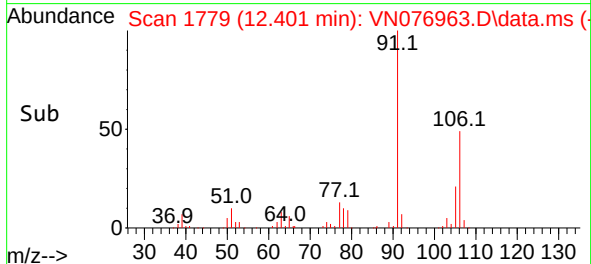
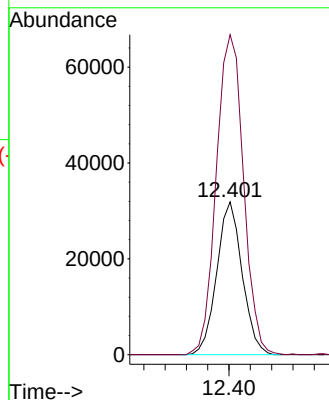
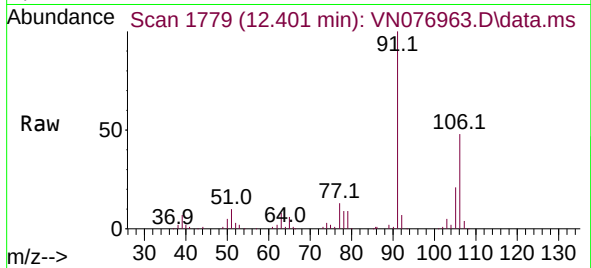




#69
o-Xylene
Concen: 5.751 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076963.D
Acq: 13 Mar 2023 15:44

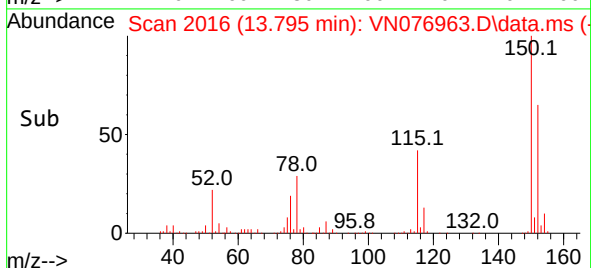
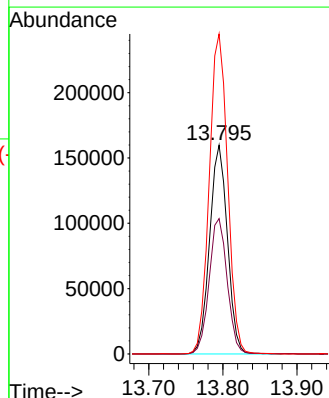
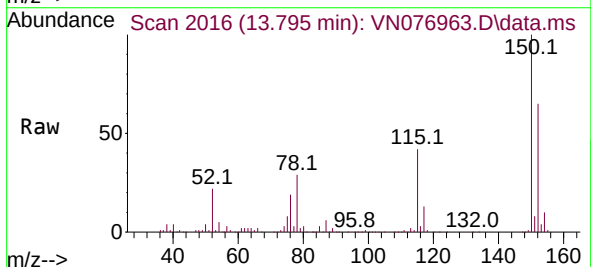
Instrument :
MSVOA_N
ClientSampleId :
MORRIS-030823DL2

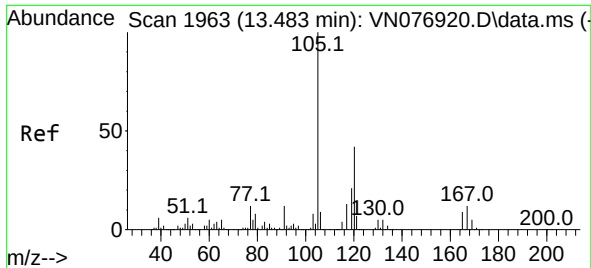
Tgt Ion:106 Resp: 52724
Ion Ratio Lower Upper
106 100
91 224.4 101.8 305.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076963.D
Acq: 13 Mar 2023 15:44

Tgt Ion:152 Resp: 267197
Ion Ratio Lower Upper
152 100
115 65.9 30.3 90.9
150 157.5 0.0 353.6





#84
 1,2,4-Trimethylbenzene
 Concen: 1.778 ug/l
 RT: 13.483 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VN076963.D
 Acq: 13 Mar 2023 15:44

Instrument :
 MSVOA_N
 ClientSampleId :
 MORRIS-030823DL2

Tgt Ion:105 Resp: 36078
 Ion Ratio Lower Upper
 105 100
 120 40.9 23.6 70.8

