

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
 Data File : VN074320.D
 Acq On : 03 Sep 2022 16:31
 Operator : JC\MD
 Sample : N4355-05DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-34DL

Quant Time: Sep 05 05:36:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

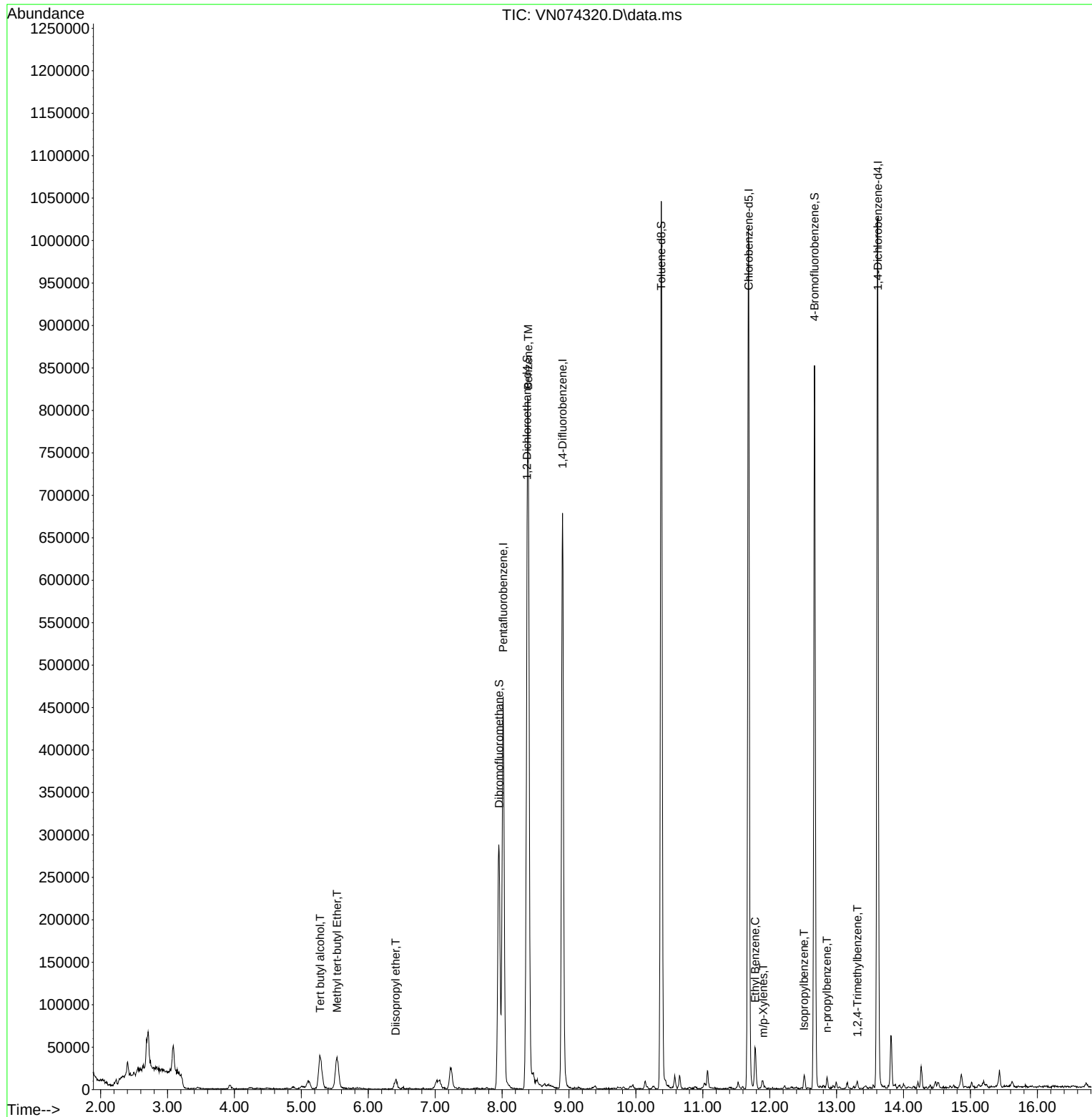
Internal Standards						
1) Pentafluorobenzene	8.016	168	320933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	587632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	564593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	254756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	243434	48.660	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.320%
35) Dibromofluoromethane	7.957	113	209995	53.929	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.860%
50) Toluene-d8	10.380	98	709152	46.185	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.360%
62) 4-Bromofluorobenzene	12.669	95	260228	46.526	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.281	59	69140	76.177	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	57095	4.560	ug/l	92
22) Diisopropyl ether	6.410	45	11702	0.981	ug/l #	90
40) Benzene	8.392	78	689409	39.542	ug/l	99
67) Ethyl Benzene	11.780	91	34007	1.495	ug/l	99
68) m/p-Xylenes	11.904	106	2928	0.345	ug/l	84
73) Isopropylbenzene	12.516	105	9850	0.442	ug/l	97
78) n-propylbenzene	12.857	91	9635	0.378	ug/l	100
84) 1,2,4-Trimethylbenzene	13.310	105	5149	0.284	ug/l	97

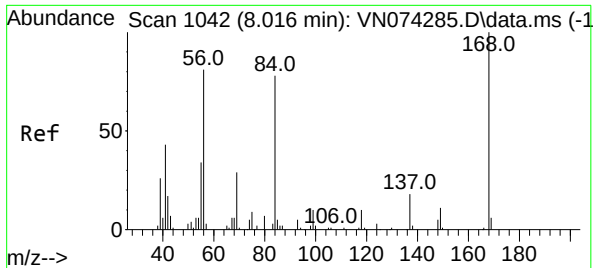
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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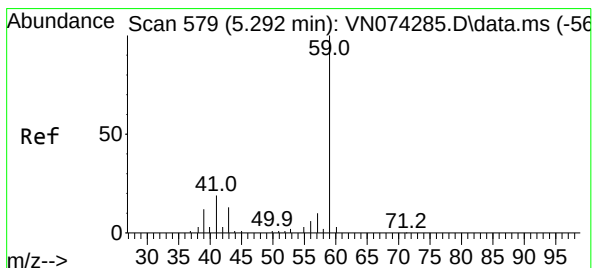
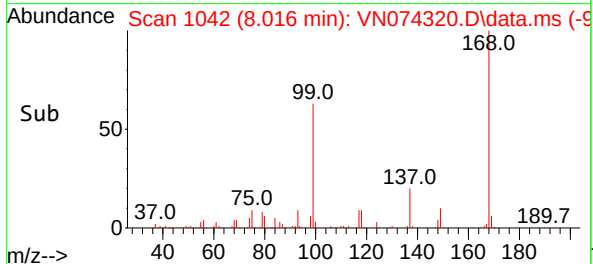
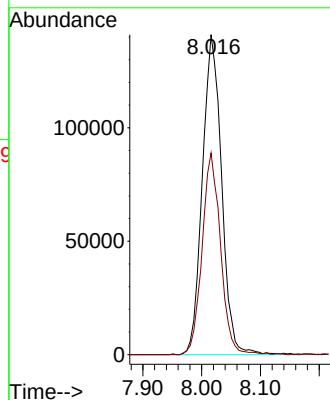
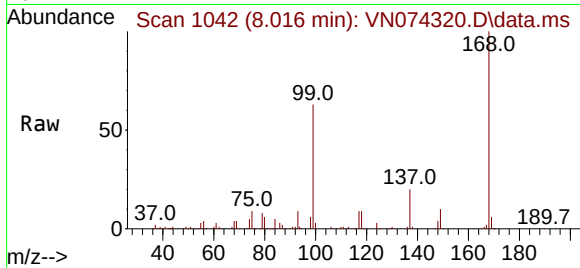




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074320.D
Acq: 03 Sep 2022 16:31

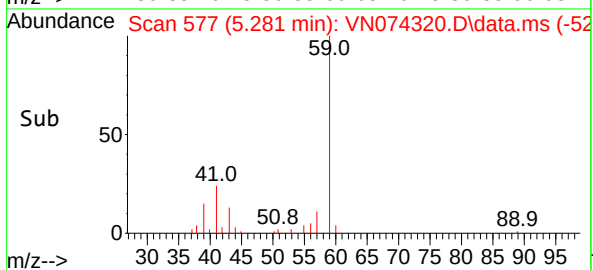
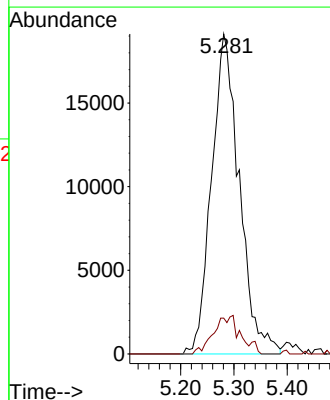
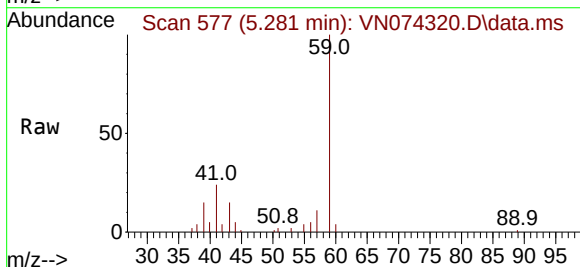
Instrument :
MSVOA_N
ClientSampleId :
MW-34DL

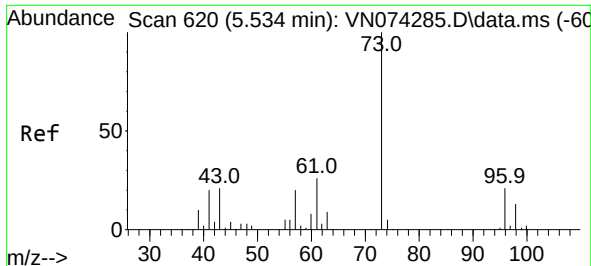
Tgt Ion:168 Resp: 320933
Ion Ratio Lower Upper
168 100
99 63.1 42.3 63.5



#11
Tert butyl alcohol
Concen: 76.177 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.006 min
Lab File: VN074320.D
Acq: 03 Sep 2022 16:31

Tgt Ion: 59 Resp: 69140
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

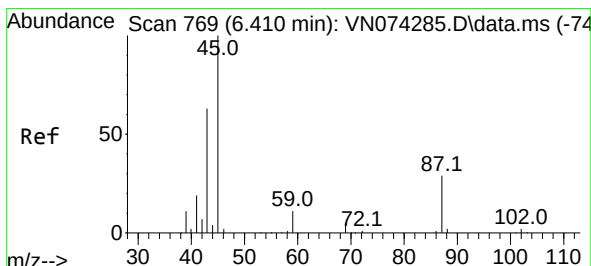
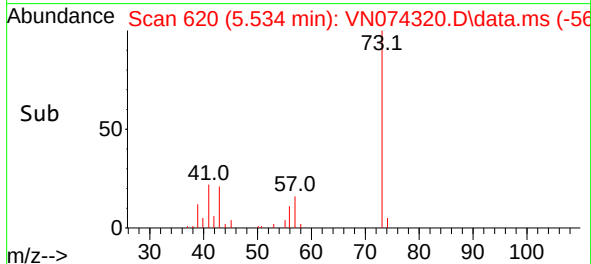
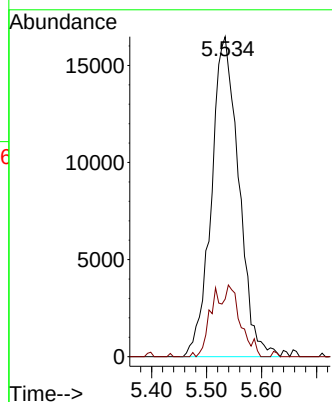
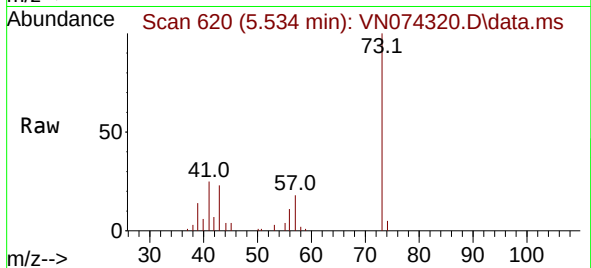




#19
Methyl tert-butyl Ether
Concen: 4.560 ug/l
RT: 5.534 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN074320.D
Acq: 03 Sep 2022 16:31

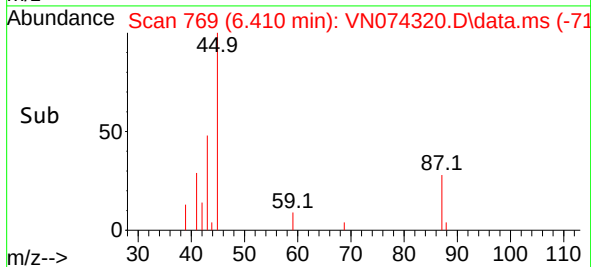
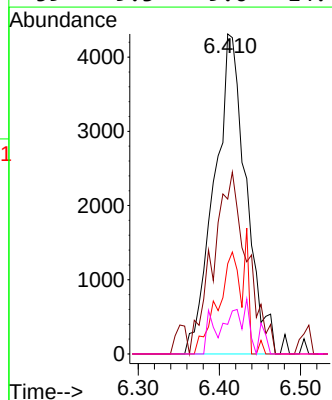
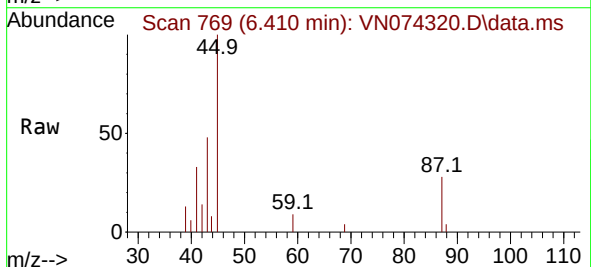
Instrument :
MSVOA_N
ClientSampleId :
MW-34DL

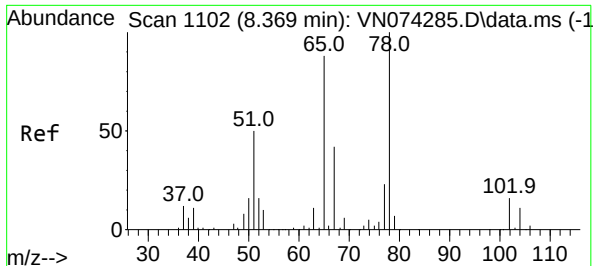
Tgt Ion: 73 Resp: 57095
Ion Ratio Lower Upper
73 100
57 18.0 17.6 26.4



#22
Diisopropyl ether
Concen: 0.981 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.006 min
Lab File: VN074320.D
Acq: 03 Sep 2022 16:31

Tgt Ion: 45 Resp: 11702
Ion Ratio Lower Upper
45 100
43 48.4 46.6 70.0
87 28.2 24.3 36.5
59 9.3 9.6 14.4#





#33

1,2-Dichloroethane-d4

Concen: 48.660 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074320.D

Acq: 03 Sep 2022 16:31

Instrument :

MSVOA_N

ClientSampleId :

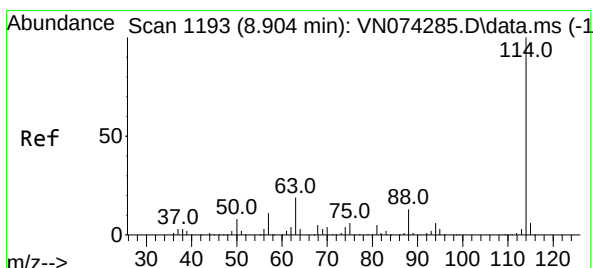
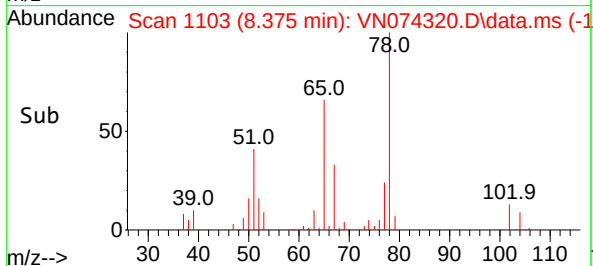
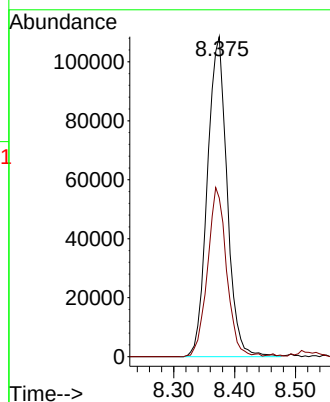
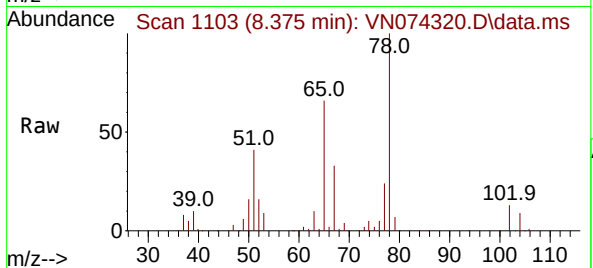
MW-34DL

Tgt Ion: 65 Resp: 243434

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074320.D

Acq: 03 Sep 2022 16:31

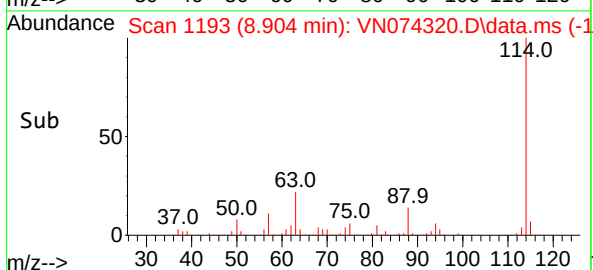
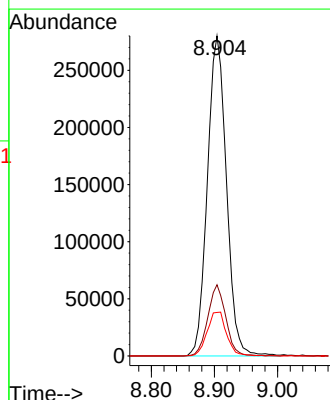
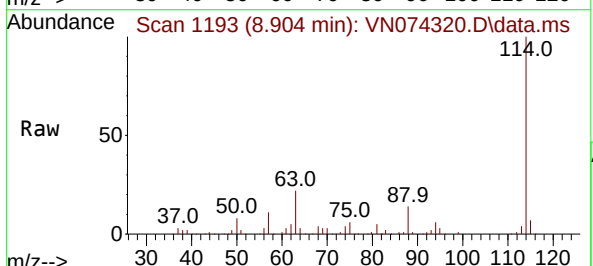
Tgt Ion: 114 Resp: 587632

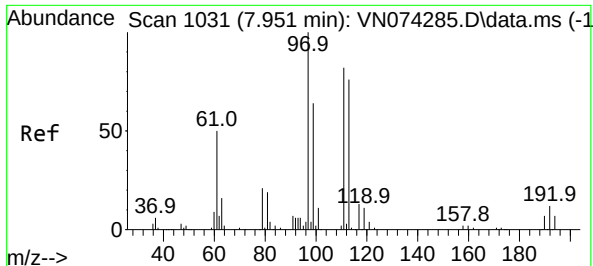
Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.0

88 13.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.929 ug/l

RT: 7.957 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074320.D

Acq: 03 Sep 2022 16:31

Instrument :

MSVOA_N

ClientSampleId :

MW-34DL

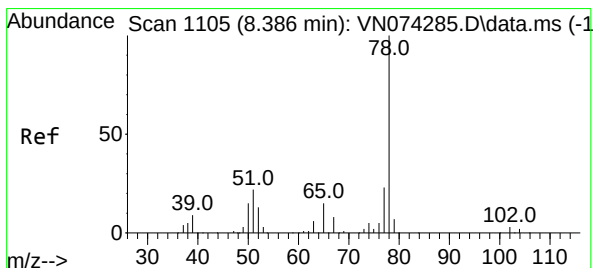
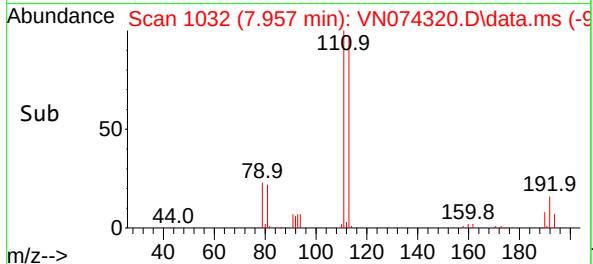
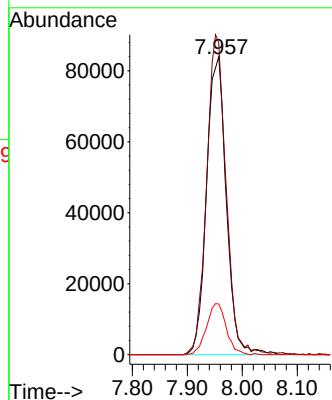
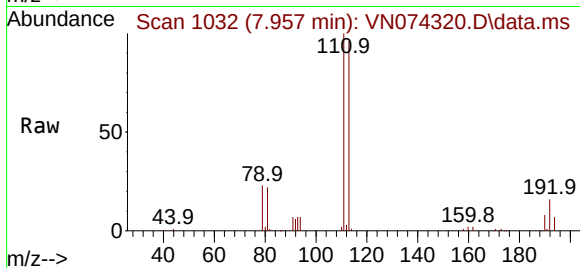
Tgt Ion:113 Resp: 209995

Ion Ratio Lower Upper

113 100

111 105.0 81.4 122.0

192 17.1 17.0 25.6



#40

Benzene

Concen: 39.542 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN074320.D

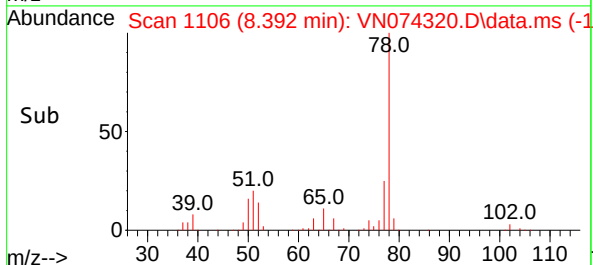
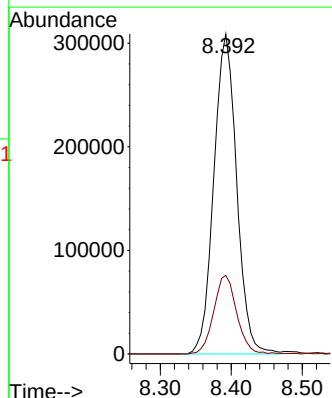
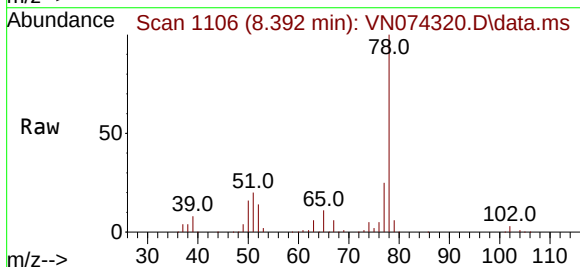
Acq: 03 Sep 2022 16:31

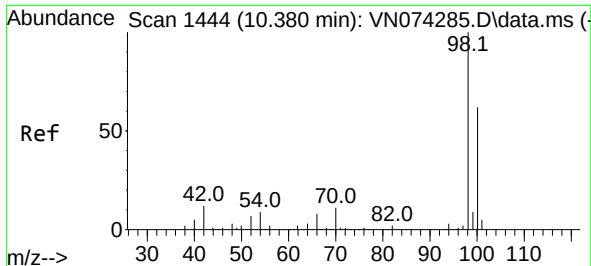
Tgt Ion: 78 Resp: 689409

Ion Ratio Lower Upper

78 100

77 24.5 19.4 29.0

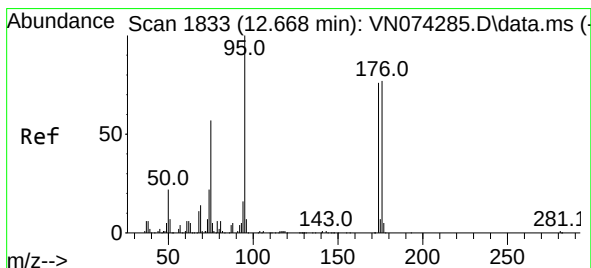
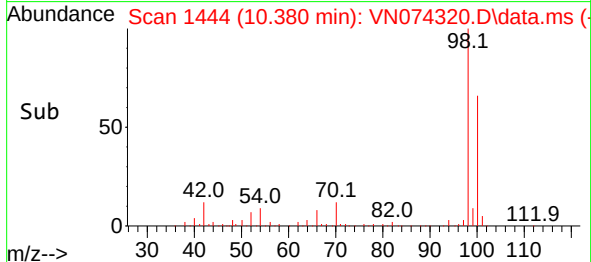
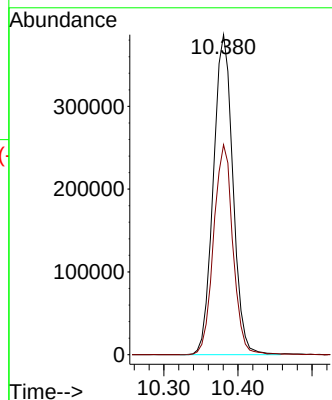
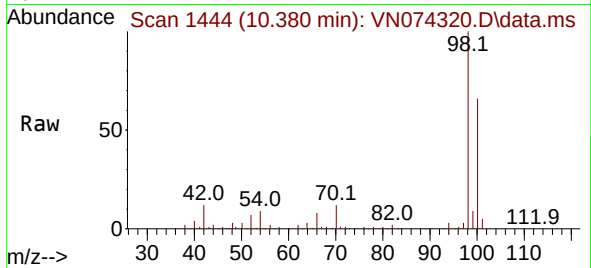




#50
Toluene-d8
Concen: 46.185 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074320.D
Acq: 03 Sep 2022 16:31

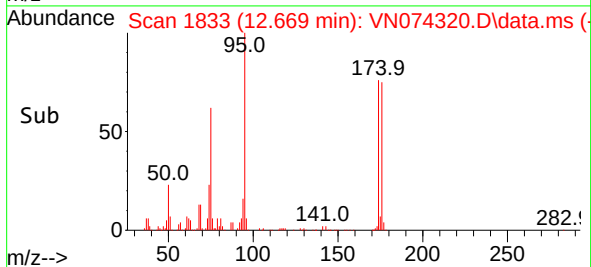
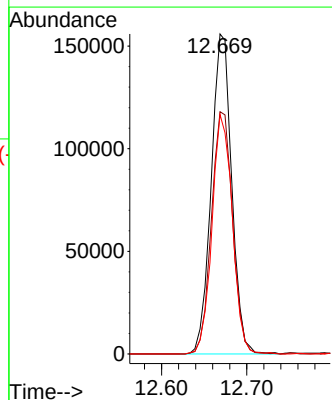
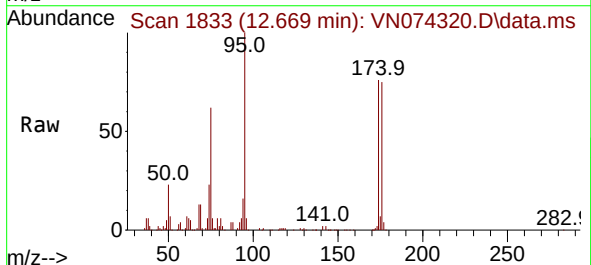
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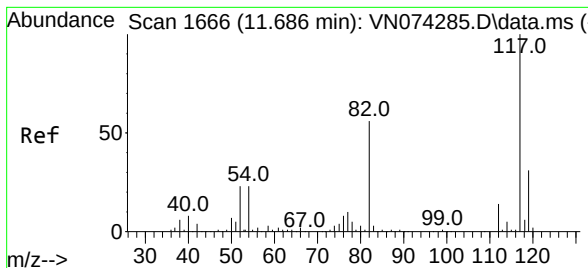
Tgt Ion: 98 Resp: 709152
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.526 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074320.D
Acq: 03 Sep 2022 16:31

Tgt Ion: 95 Resp: 260228
Ion Ratio Lower Upper
95 100
174 78.0 0.0 167.6
176 74.4 0.0 163.4

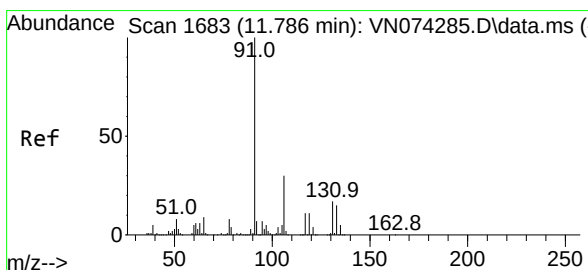
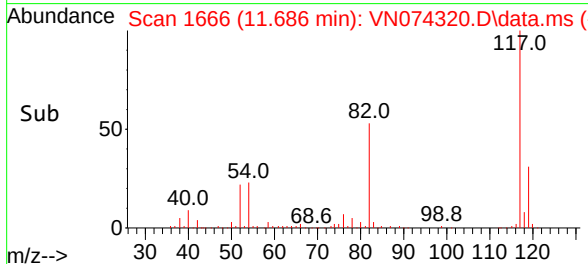
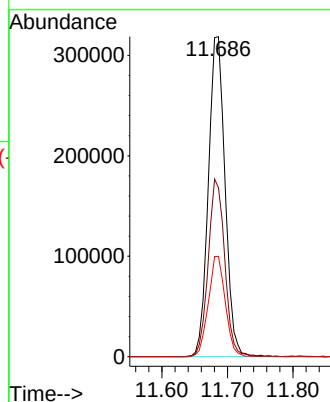
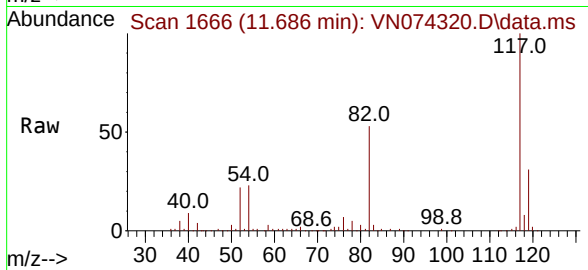




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074320.D
Acq: 03 Sep 2022 16:31

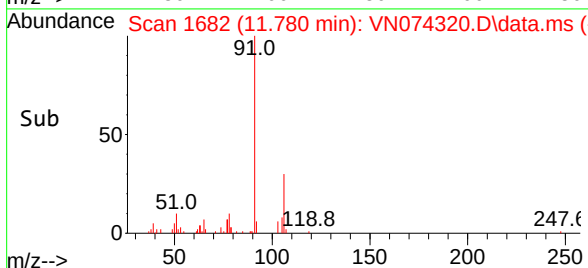
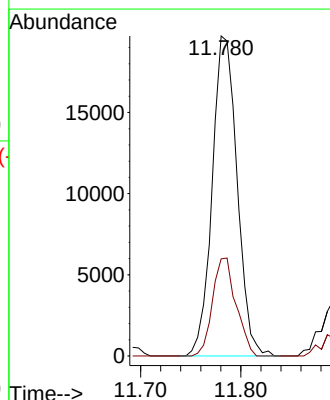
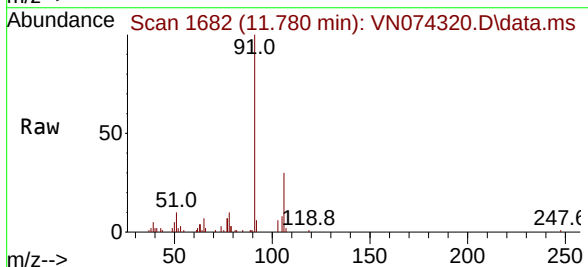
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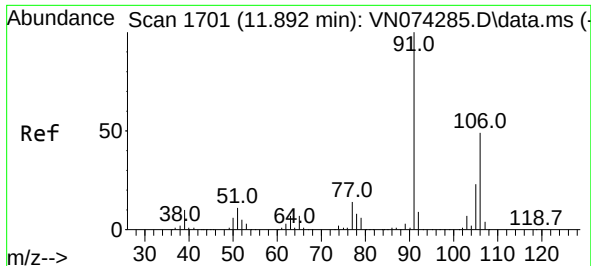
Tgt Ion:117 Resp: 564593
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 31.4 25.4 38.0



#67
Ethyl Benzene
Concen: 1.495 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN074320.D
Acq: 03 Sep 2022 16:31

Tgt Ion: 91 Resp: 34007
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

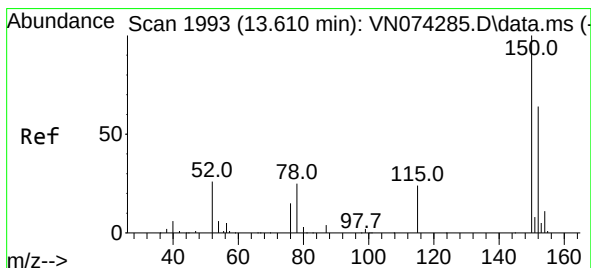
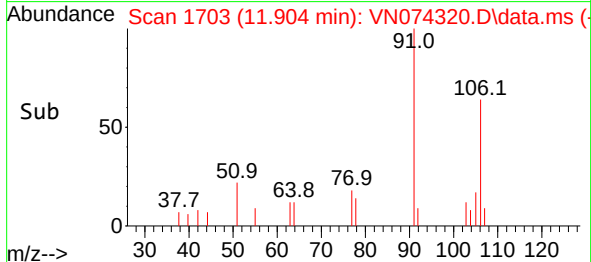
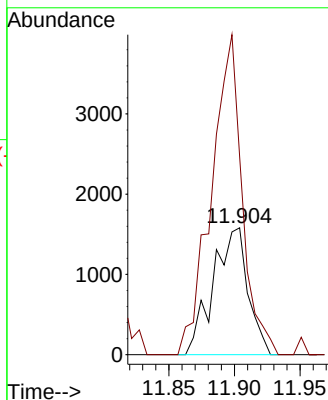
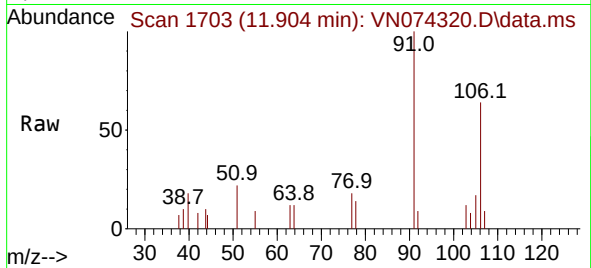




#68
m/p-Xylenes
Concen: 0.345 ug/l
RT: 11.904 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN074320.D
Acq: 03 Sep 2022 16:31

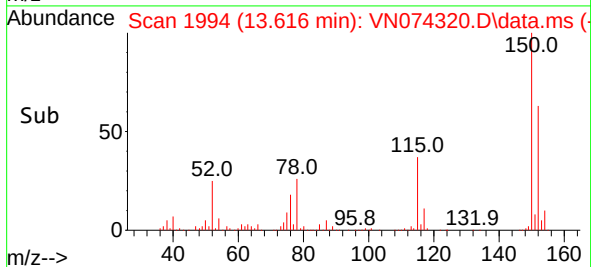
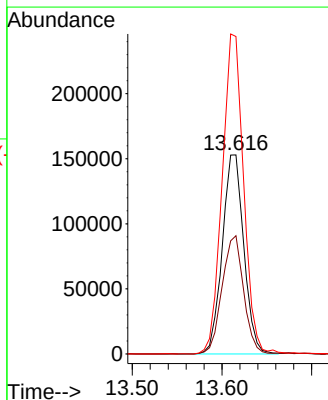
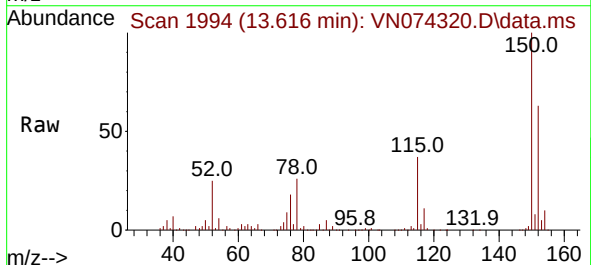
Instrument :
MSVOA_N
ClientSampleId :
MW-34DL

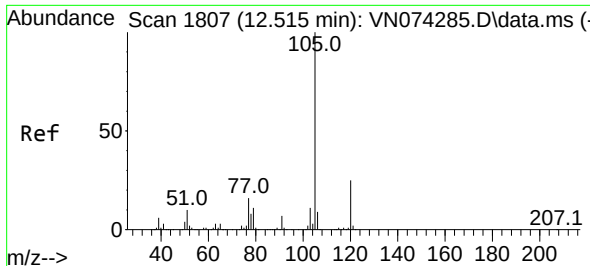
Tgt Ion:106 Resp: 2928
Ion Ratio Lower Upper
106 100
91 222.5 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN074320.D
Acq: 03 Sep 2022 16:31

Tgt Ion:152 Resp: 254756
Ion Ratio Lower Upper
152 100
115 59.3 28.9 86.7
150 160.4 0.0 356.2

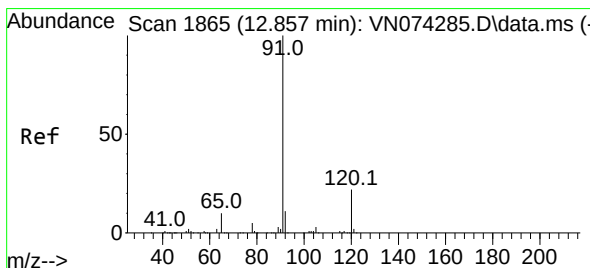
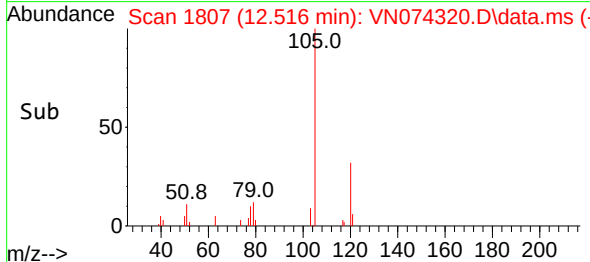
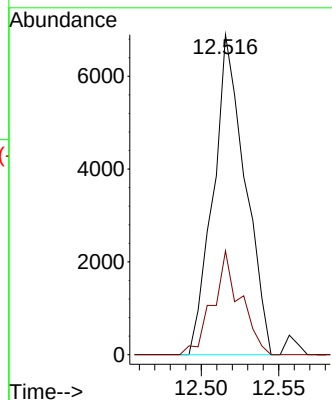
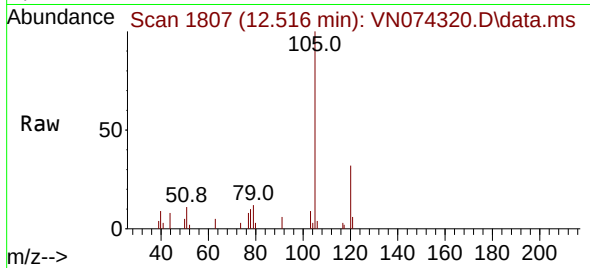




#73
Isopropylbenzene
Concen: 0.442 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN074320.D
Acq: 03 Sep 2022 16:31

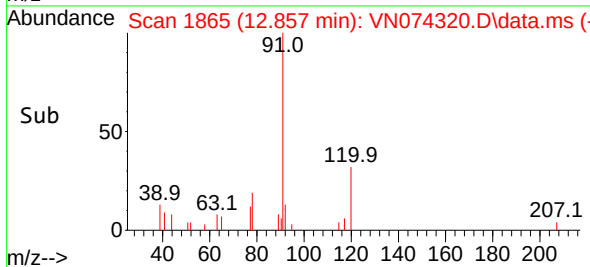
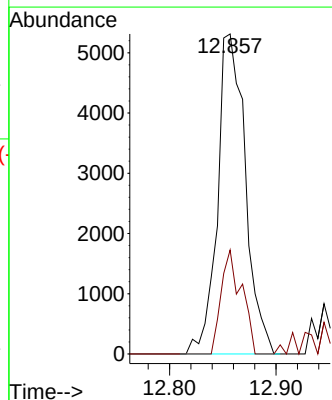
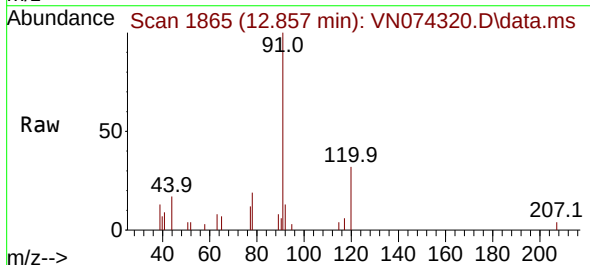
Instrument :
MSVOA_N
ClientSampleId :
MW-34DL

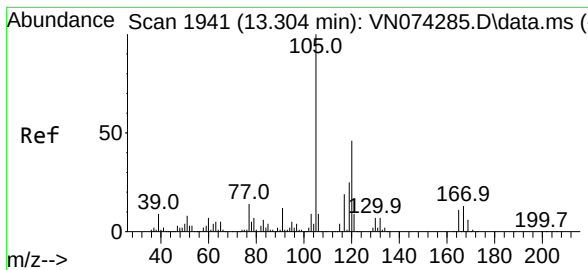
Tgt Ion:105 Resp: 9850
Ion Ratio Lower Upper
105 100
120 28.2 13.5 40.4



#78
n-propylbenzene
Concen: 0.378 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074320.D
Acq: 03 Sep 2022 16:31

Tgt Ion: 91 Resp: 9635
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





#84
 1,2,4-Trimethylbenzene
 Concen: 0.284 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. -0.000 min
 Lab File: VN074320.D
 Acq: 03 Sep 2022 16:31

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-34DL

Tgt Ion:105 Resp: 5149
 Ion Ratio Lower Upper
 105 100
 120 44.4 23.3 69.8

