

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102422\
 Data File : VN074984.D
 Acq On : 24 Oct 2022 15:24
 Operator : JC\MD
 Sample : N5222-16DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14DL

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022

Quant Time: Oct 25 06:39:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	1670577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	2826357	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	2973509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	2001831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	1890120	42.584	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.160%		
35) Dibromofluoromethane	8.171	113	1473421	43.799	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.600%		
50) Toluene-d8	10.571	98	6246129	48.393	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.780%		
62) 4-Bromofluorobenzene	12.847	95	2186005	48.014	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.020%		
Target Compounds						
						Qvalue
67) Ethyl Benzene	11.965	91	217109	1.360	ug/l	98
68) m/p-Xylenes	12.076	106	23574	0.379	ug/l	93
73) Isopropylbenzene	12.700	105	1070652	6.548	ug/l	98
78) n-propylbenzene	13.035	91	1187433	6.205	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	229046	1.622	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	7901727	55.391	ug/l	100
86) p-Isopropyltoluene	13.735	119	224993m	1.557	ug/l	
95) Naphthalene	15.629	128	25175582m	207.003	ug/l	

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

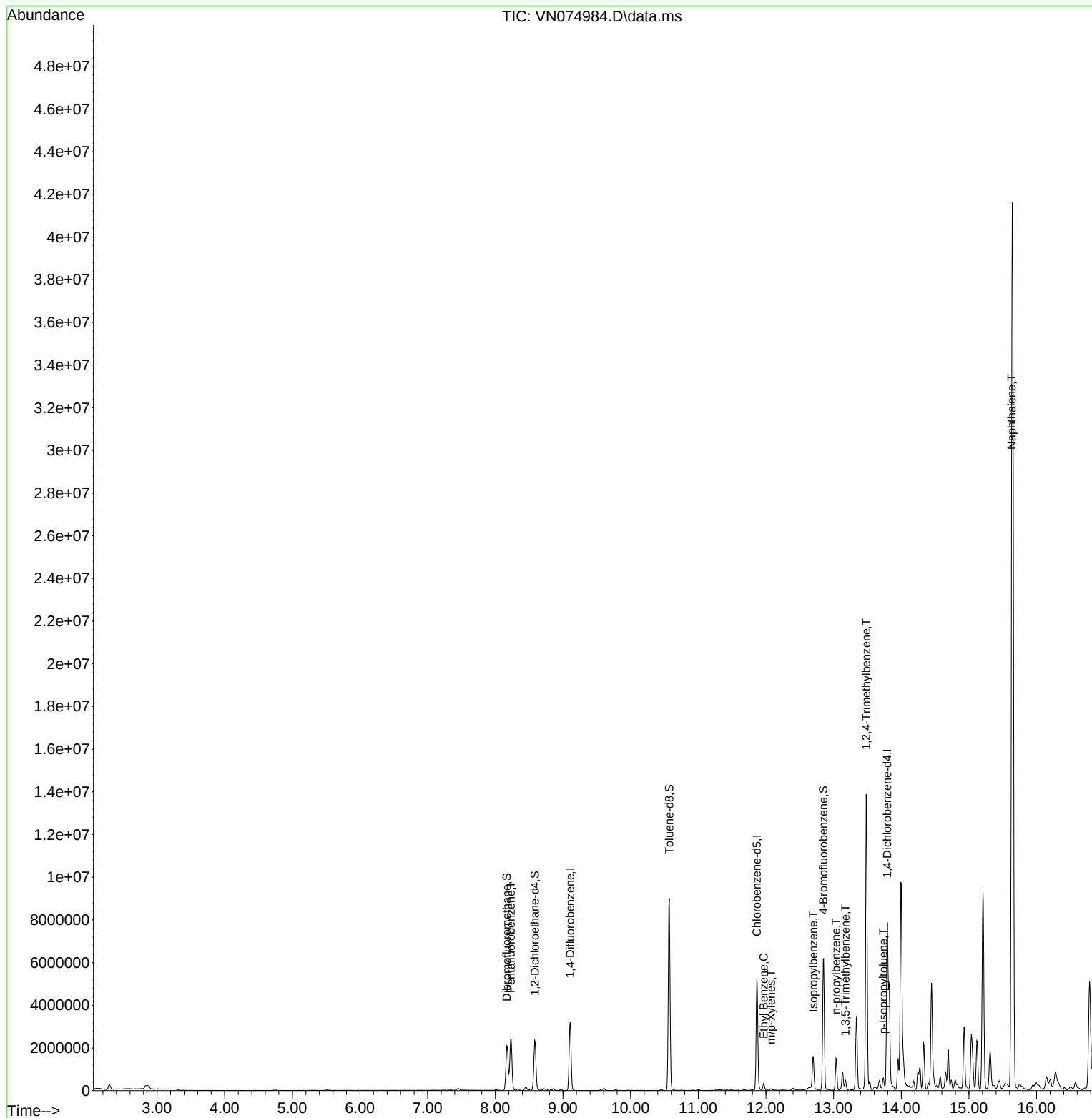
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102422\
Data File : VN074984.D
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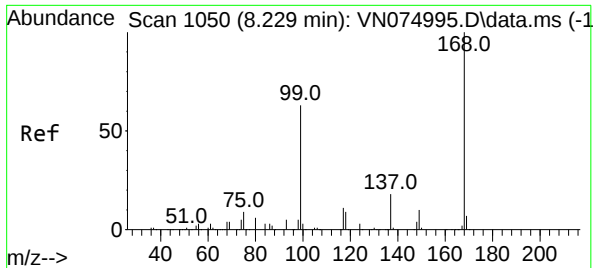
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 21 09:37:47 2022
Response via : Initial Calibration





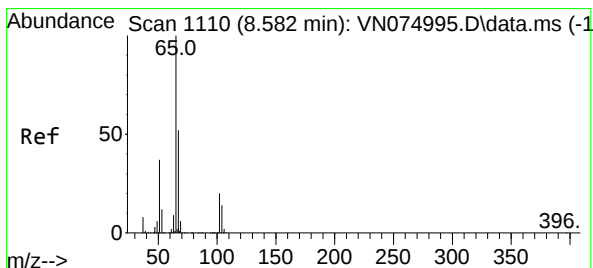
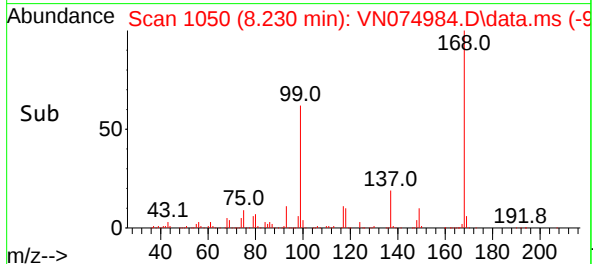
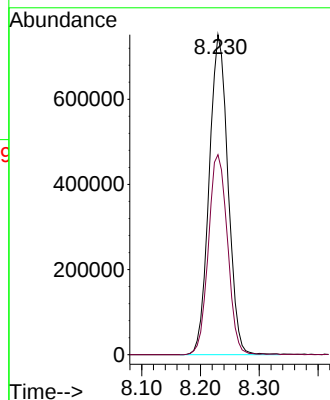
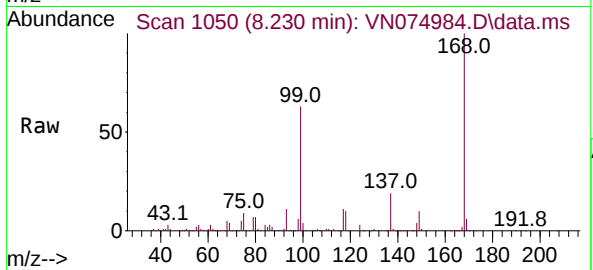
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN074984.D
Acq: 24 Oct 2022 15:24

Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

Tgt Ion:168 Resp: 167057
Ion Ratio Lower Upper
168 100
99 62.5 52.2 78.4

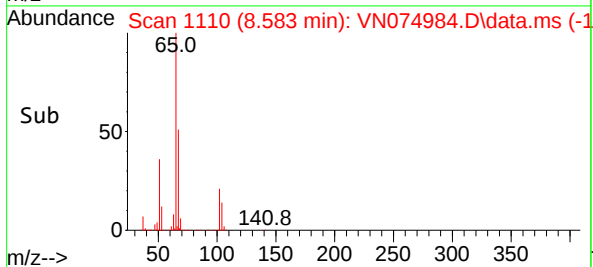
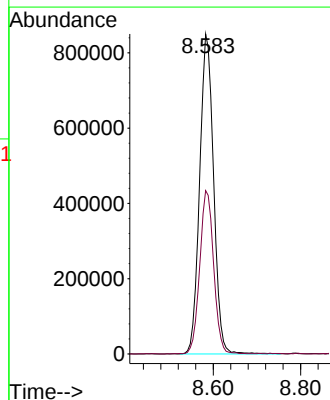
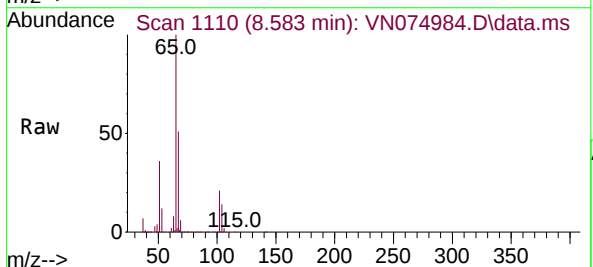
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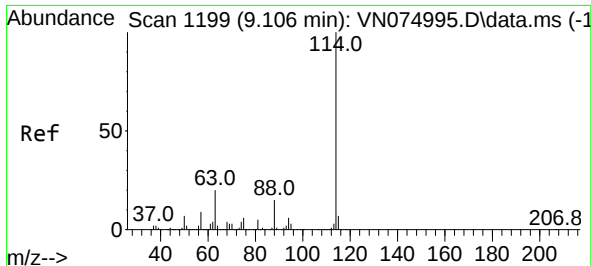
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#33
1,2-Dichloroethane-d4
Concen: 42.584 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN074984.D
Acq: 24 Oct 2022 15:24

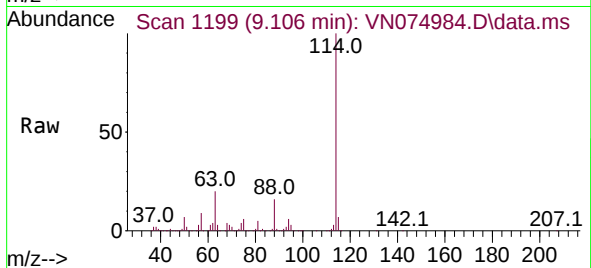
Tgt Ion: 65 Resp: 1890120
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN074984.D
Acq: 24 Oct 2022 15:24

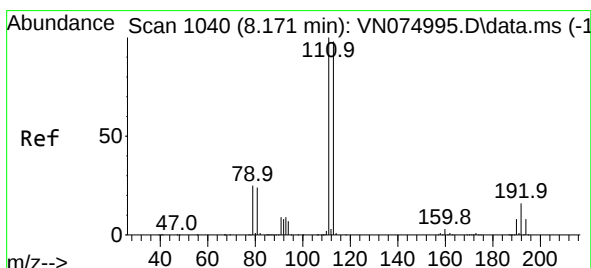
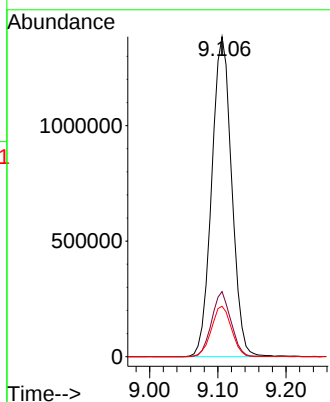
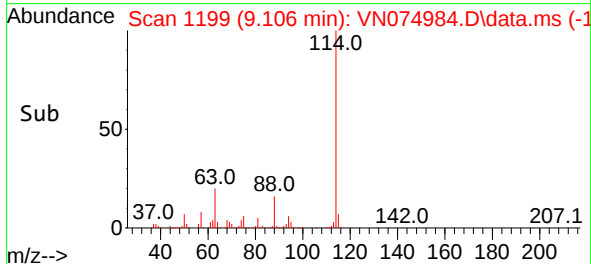
Instrument :
MSVOA_N
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MW-14DL



Tgt Ion:114 Resp: 282635
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.8
88 15.8 0.0 30.4

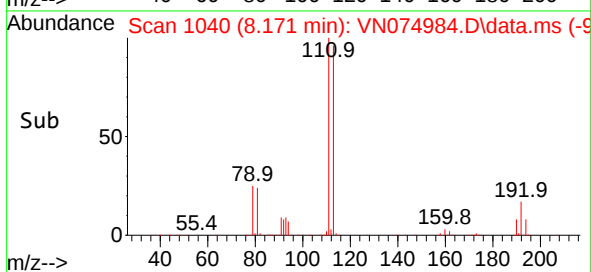
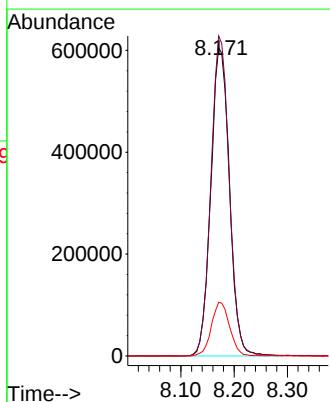
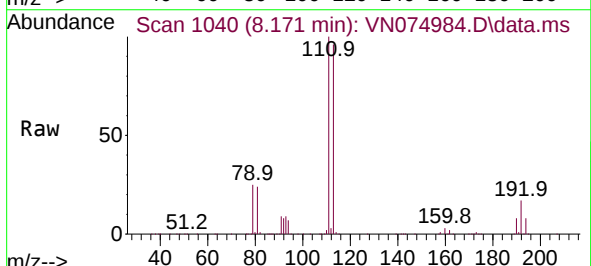
Manual Integrations
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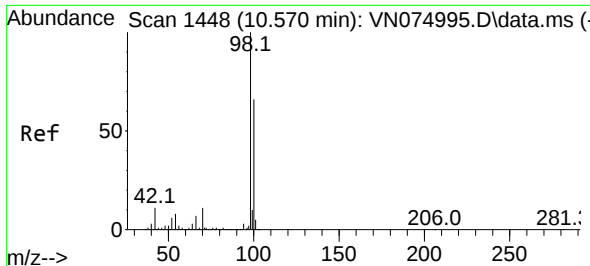
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#35
Dibromofluoromethane
Concen: 43.799 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN074984.D
Acq: 24 Oct 2022 15:24

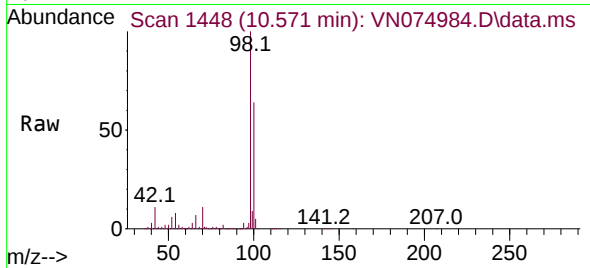
Tgt Ion:113 Resp: 1473421
Ion Ratio Lower Upper
113 100
111 102.0 83.4 125.2
192 17.1 13.3 19.9





#50
Toluene-d8
Concen: 48.393 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074984.D
Acq: 24 Oct 2022 15:24

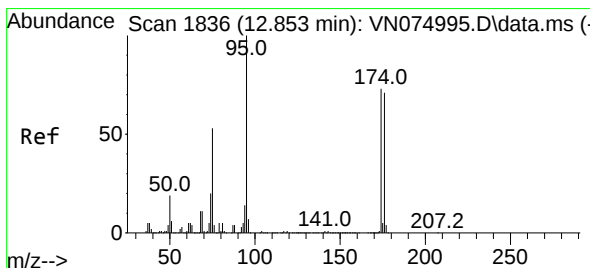
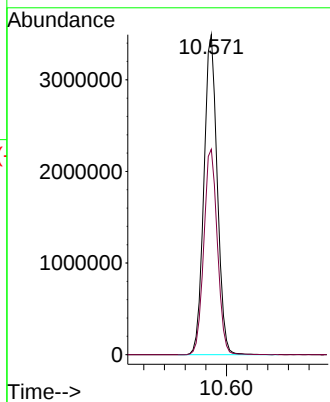
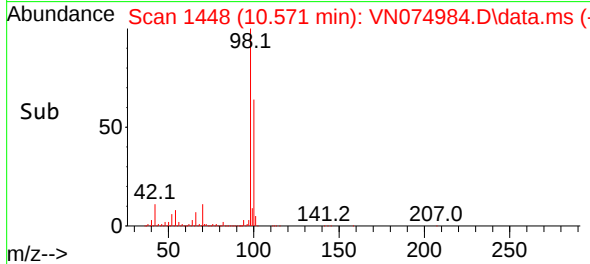
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL



Tgt Ion: 98 Resp: 6246129
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.2

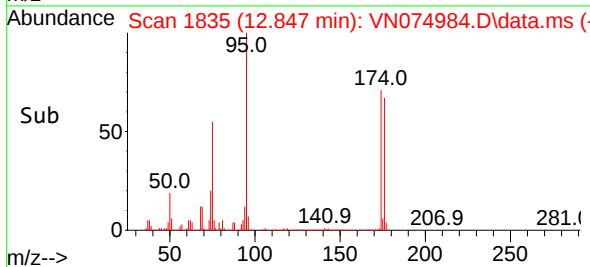
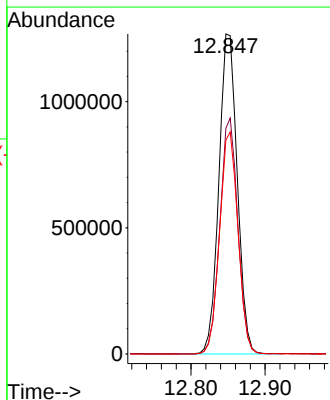
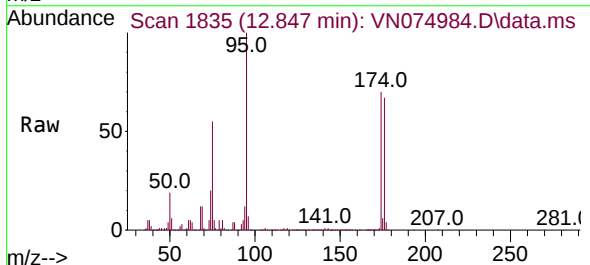
Manual Integrations
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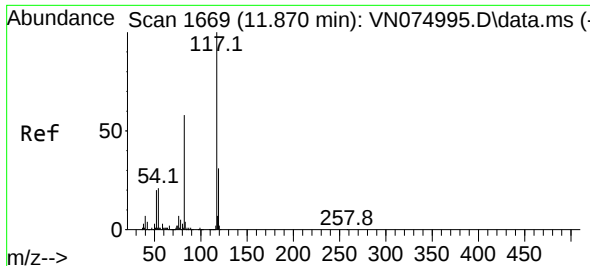
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#62
4-Bromofluorobenzene
Concen: 48.014 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN074984.D
Acq: 24 Oct 2022 15:24

Tgt Ion: 95 Resp: 2186005
Ion Ratio Lower Upper
95 100
174 71.9 0.0 143.0
176 69.2 0.0 138.2





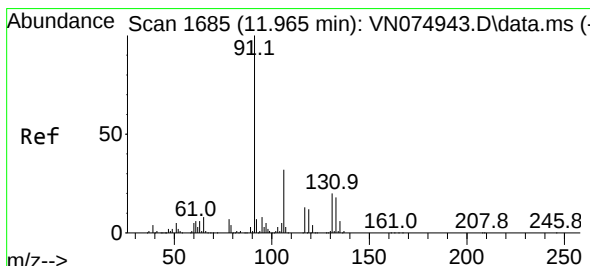
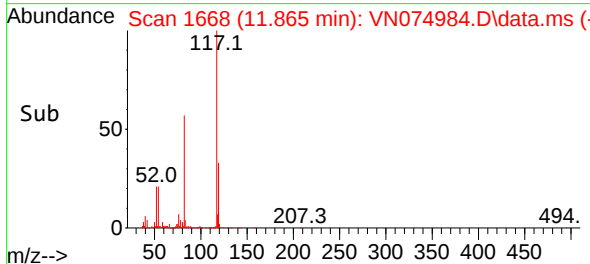
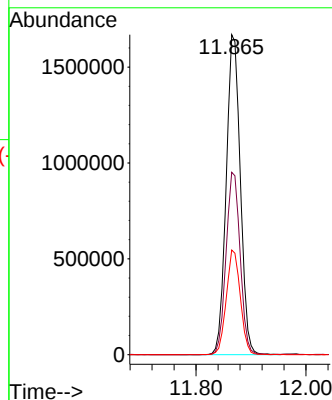
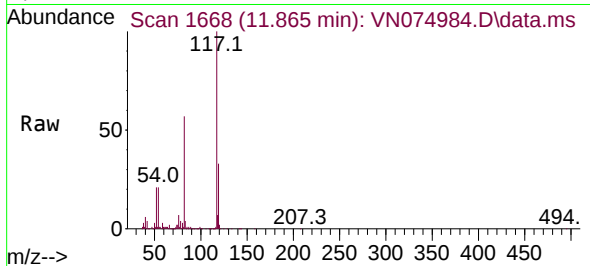
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN074984.D
Acq: 24 Oct 2022 15:24

Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

Tgt Ion:117 Resp: 2973509
Ion Ratio Lower Upper
117 100
82 57.0 45.6 68.4
119 32.7 25.1 37.7

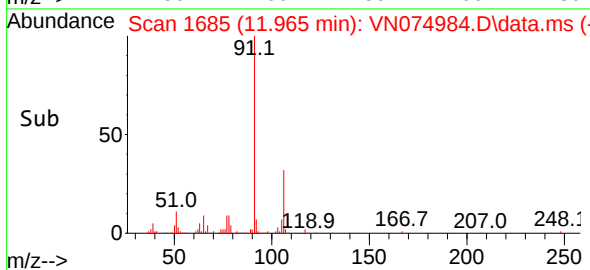
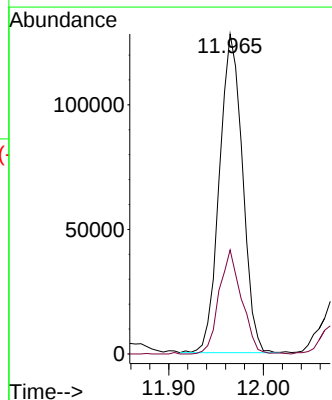
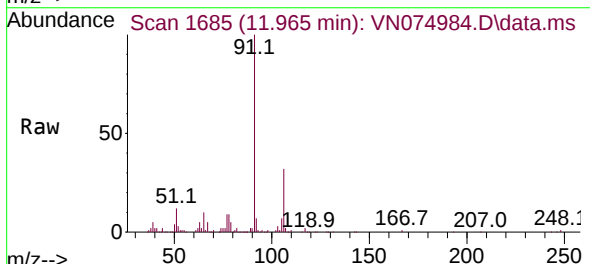
Manual Integrations
APPROVED

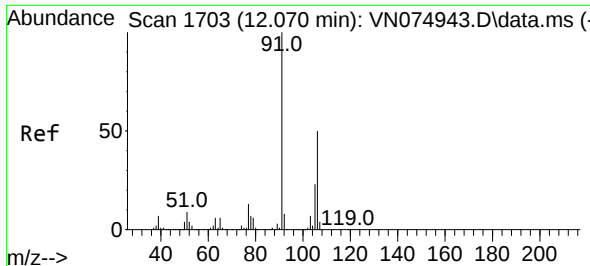
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#67
Ethyl Benzene
Concen: 1.360 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074984.D
Acq: 24 Oct 2022 15:24

Tgt Ion: 91 Resp: 217109
Ion Ratio Lower Upper
91 100
106 32.6 25.4 38.2





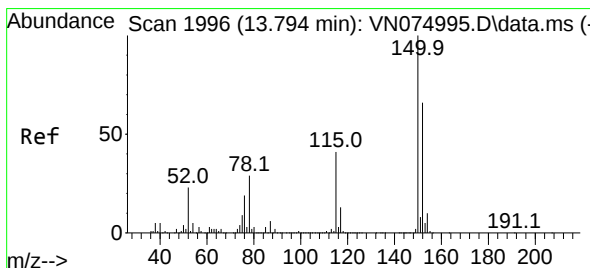
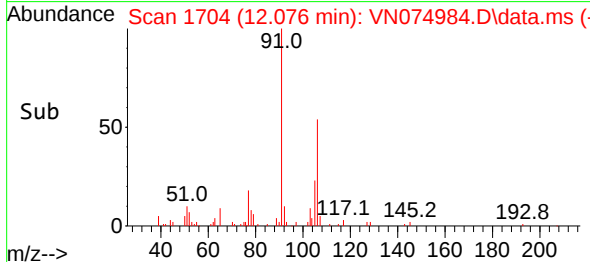
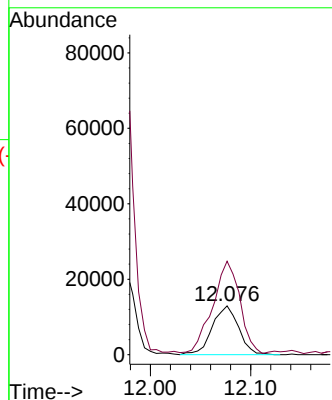
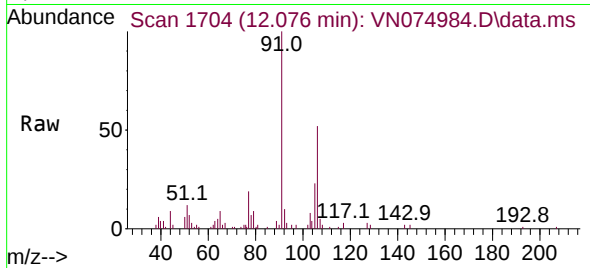
#68
m/p-Xylenes
Concen: 0.379 ug/l
RT: 12.076 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074984.D
Acq: 24 Oct 2022 15:24

Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

Tgt Ion:106 Resp: 23574
Ion Ratio Lower Upper
106 100
91 189.7 159.7 239.5

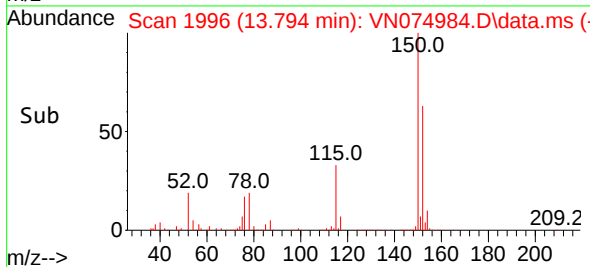
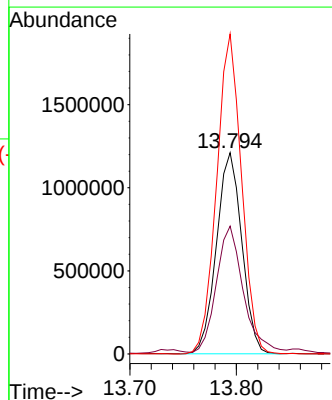
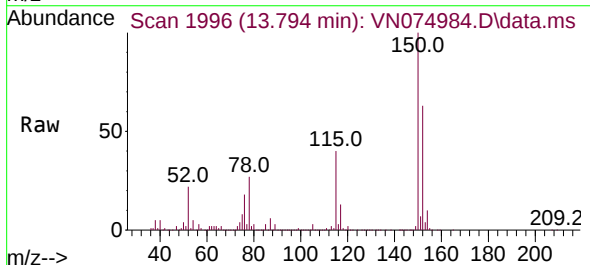
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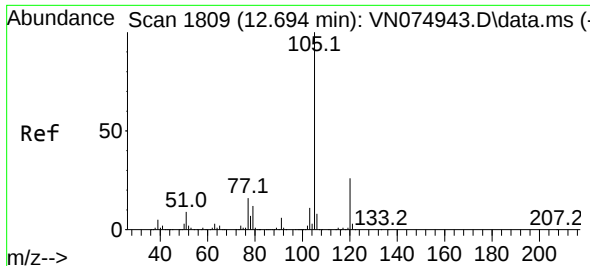
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074984.D
Acq: 24 Oct 2022 15:24

Tgt Ion:152 Resp: 2001831
Ion Ratio Lower Upper
152 100
115 66.0 31.3 93.8
150 156.0 0.0 349.6





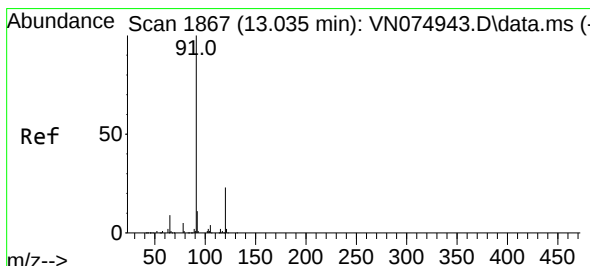
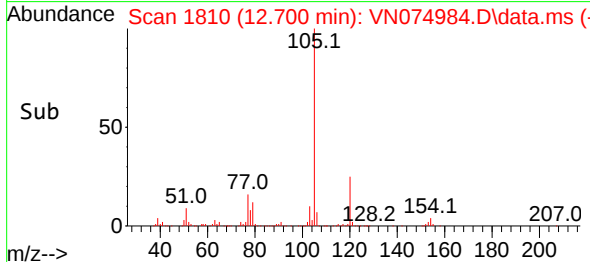
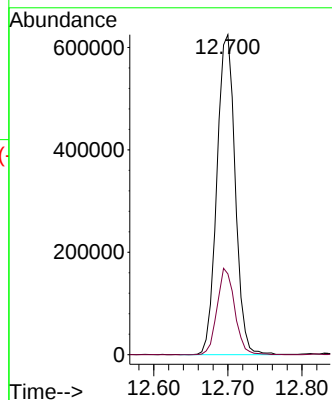
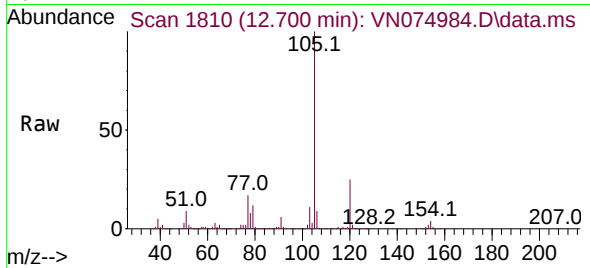
#73
Isopropylbenzene
Concen: 6.548 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN074984.D
Acq: 24 Oct 2022 15:24

Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

Tgt Ion:105 Resp: 1070652
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

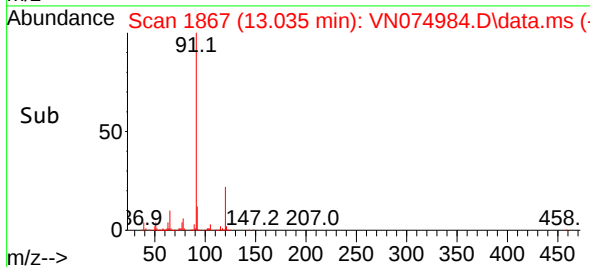
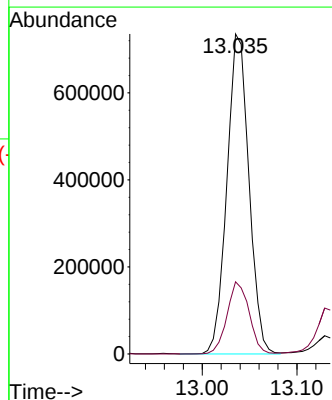
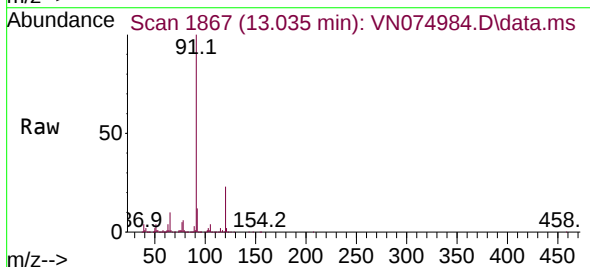
Manual Integrations
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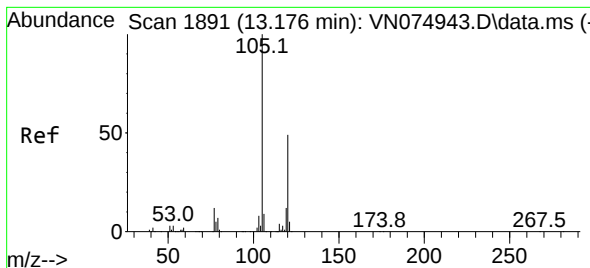
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#78
n-propylbenzene
Concen: 6.205 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074984.D
Acq: 24 Oct 2022 15:24

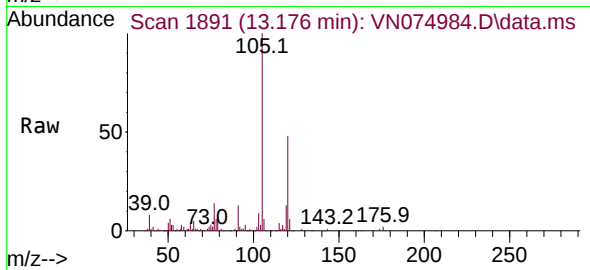
Tgt Ion: 91 Resp: 1187433
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4





#80
1,3,5-Trimethylbenzene
Concen: 1.622 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074984.D
Acq: 24 Oct 2022 15:24

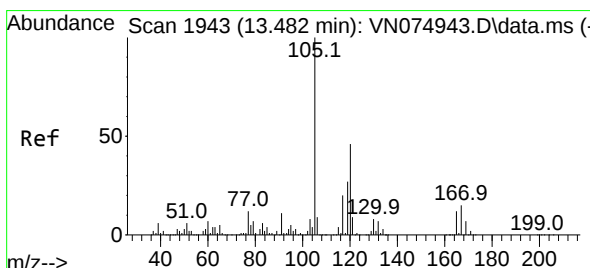
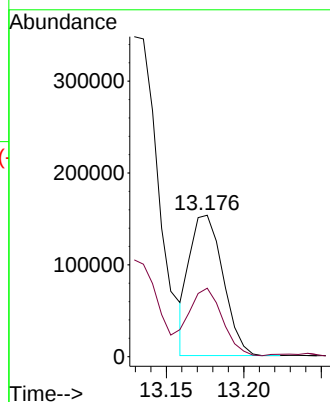
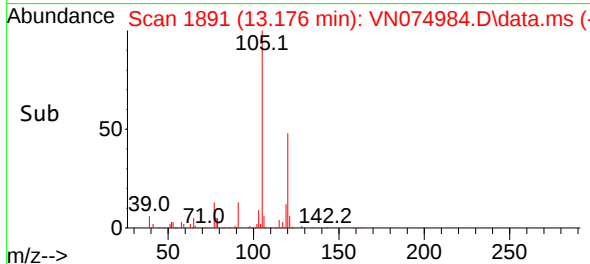
Instrument :
MSVOA_N
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MW-14DL



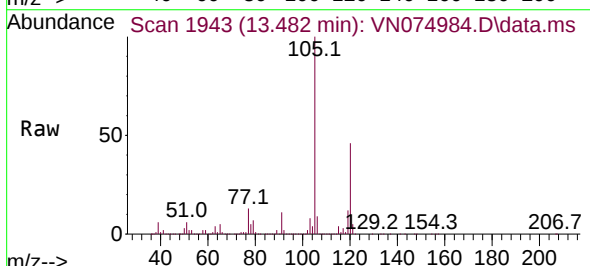
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Ion Ratio Lower Upper
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120 50.3 24.3 72.9

Manual Integrations
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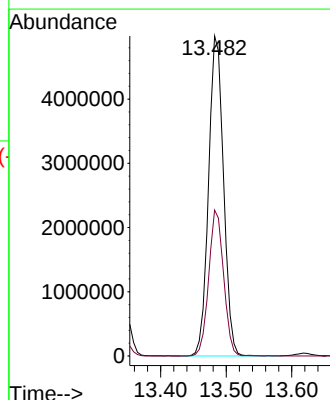
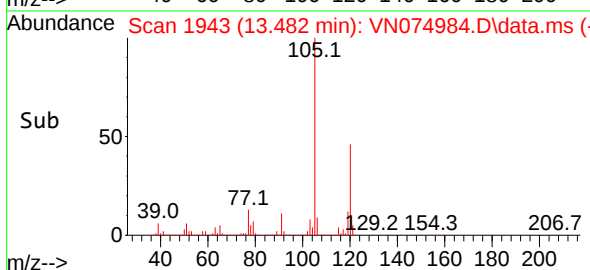
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

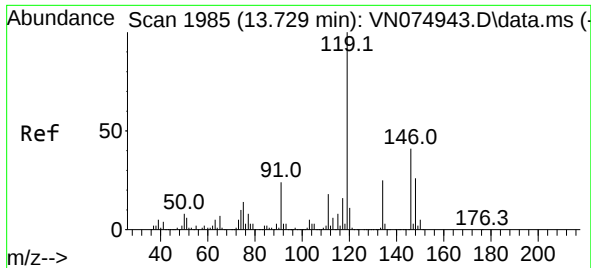


#84
1,2,4-Trimethylbenzene
Concen: 55.391 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN074984.D
Acq: 24 Oct 2022 15:24



Tgt Ion:105 Resp: 7901727
Ion Ratio Lower Upper
105 100
120 45.4 22.9 68.5





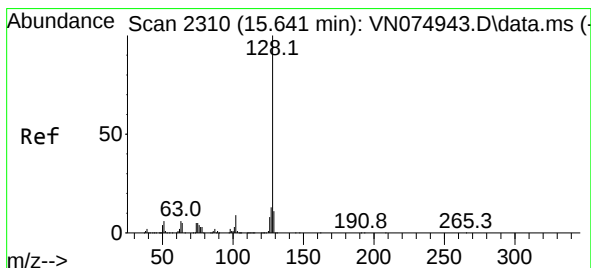
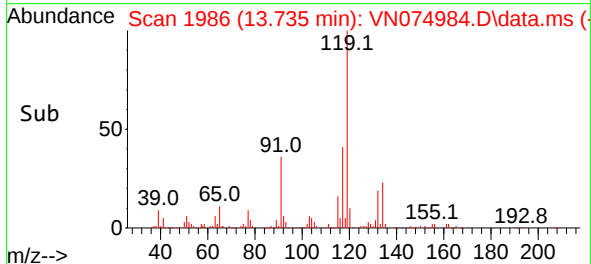
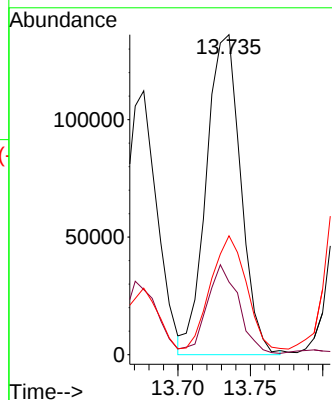
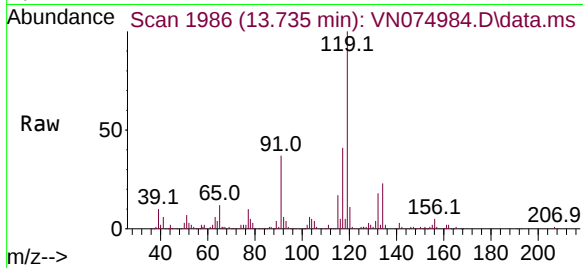
#86
p-Isopropyltoluene
Concen: 1.557 ug/l m
RT: 13.735 min Scan# 1985
Delta R.T. 0.006 min
Lab File: VN074984.D
Acq: 24 Oct 2022 15:24

Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

Tgt Ion:119 Resp: 22499
Ion Ratio Lower Upper
119 100
134 21.8 12.9 38.7
91 18.0 11.9 35.5

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#95
Naphthalene
Concen: 207.003 ug/l m
RT: 15.629 min Scan# 2308
Delta R.T. -0.012 min
Lab File: VN074984.D
Acq: 24 Oct 2022 15:24

Tgt Ion:128 Resp:25175582
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 12.8#

