

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073287.D
 Acq On : 01 Jul 2022 11:07
 Operator : JC\MD
 Sample : N3551-01DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24RDL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/05/2022
 Supervised By : Mahesh Dadoda 07/05/2022

Quant Time: Jul 04 05:03:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	306726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	500895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	464124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	232460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	188229	42.509	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.020%		
35) Dibromofluoromethane	7.951	113	162929	48.891	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.780%		
50) Toluene-d8	10.381	98	528645	44.664	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.320%		
62) 4-Bromofluorobenzene	12.669	95	234550	51.566	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.140%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.281	59	13516	12.601	ug/l #	72
31) Cyclohexane	8.022	56	179902	24.808	ug/l	93
39) Methylcyclohexane	9.392	83	76902	12.046	ug/l	92
40) Benzene	8.392	78	822567	51.979	ug/l	97
52) Toluene	10.439	92	12742	1.303	ug/l	96
67) Ethyl Benzene	11.780	91	83150	4.363	ug/l	99
68) m/p-Xylenes	11.898	106	30830	4.287	ug/l	96
69) o-Xylene	12.222	106	3729	0.508	ug/l	93
73) Isopropylbenzene	12.516	105	37825	1.884	ug/l	97
78) n-propylbenzene	12.857	91	51955	2.330	ug/l	100
84) 1,2,4-Trimethylbenzene	13.304	105	10388	0.636	ug/l	98
89) n-Butylbenzene	13.874	91	3537	0.267	ug/l #	89
95) Naphthalene	15.433	128	114147	6.371	ug/l	100

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

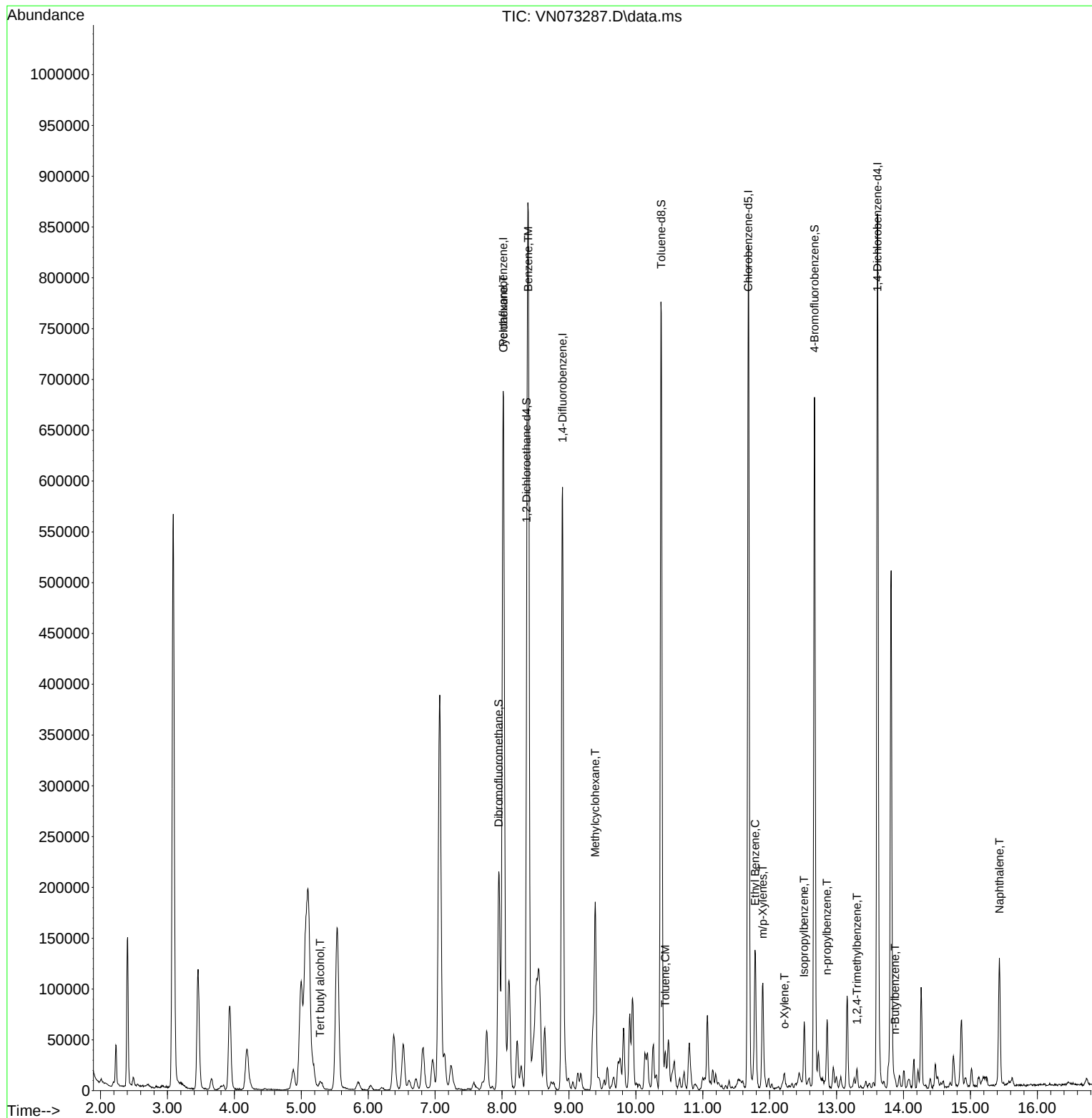
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
Data File : VN073287.D
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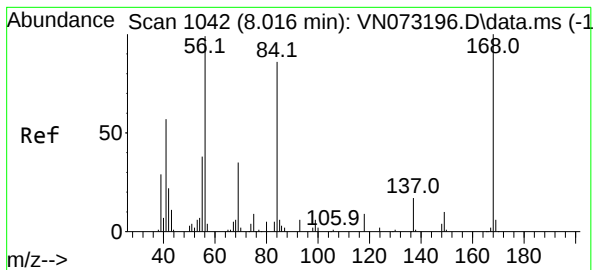
Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL

Quant Time: Jul 04 05:03:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
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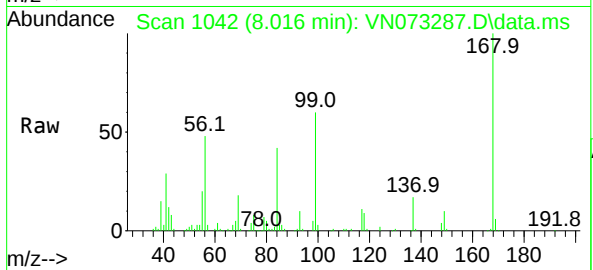
Reviewed By : Semsettin Yesilyurt 07/05/2022
Supervised By : Mahesh Dadoda 07/05/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

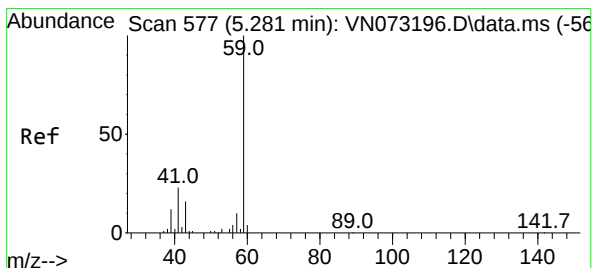
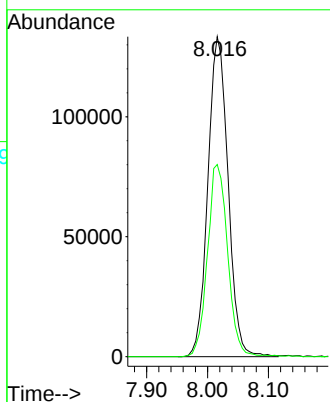
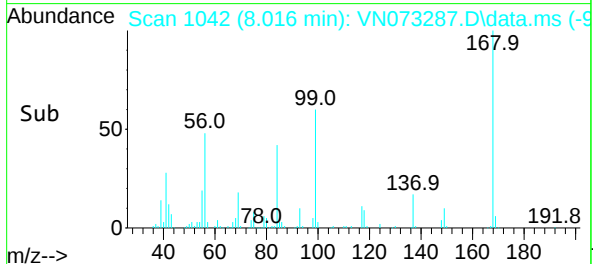
Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL



Tgt Ion:168 Resp: 306720
Ion Ratio Lower Upper
168 100
99 60.0 42.3 63.5

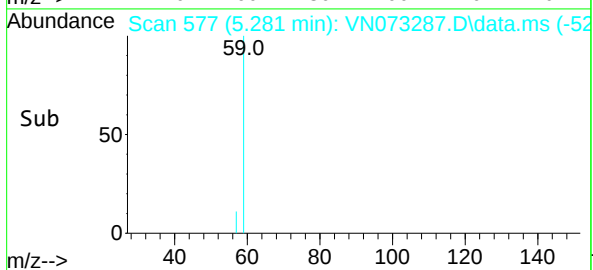
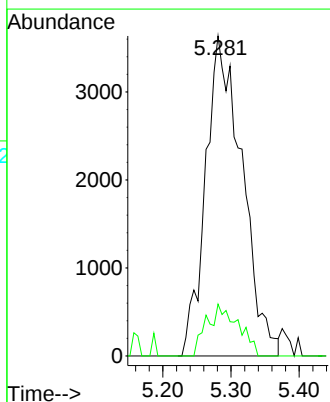
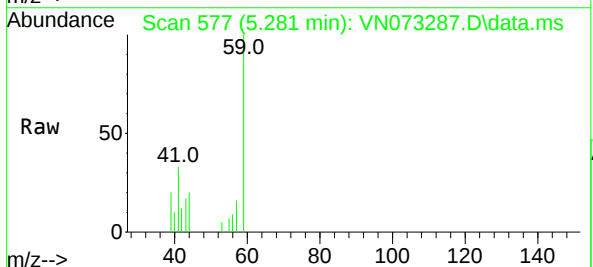
Manual Integrations
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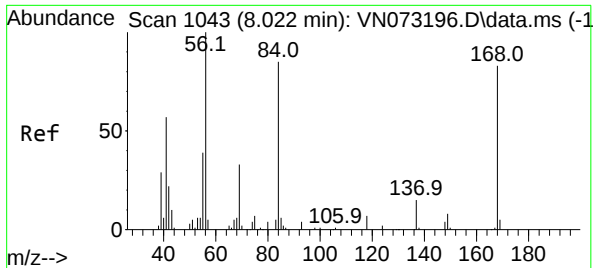
Reviewed By :Semsettin Yesilyurt 07/05/2022
Supervised By :Mahesh Dadoda 07/05/2022



#11
Tert butyl alcohol
Concen: 12.601 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

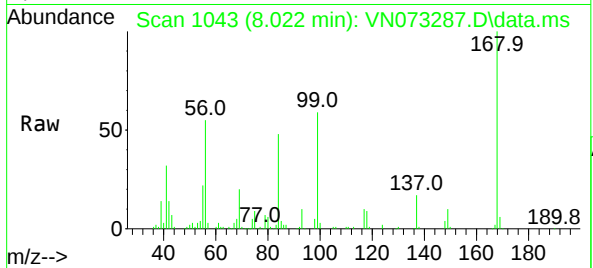
Tgt Ion: 59 Resp: 13516
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#31
Cyclohexane
Concen: 24.808 ug/l
RT: 8.022 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

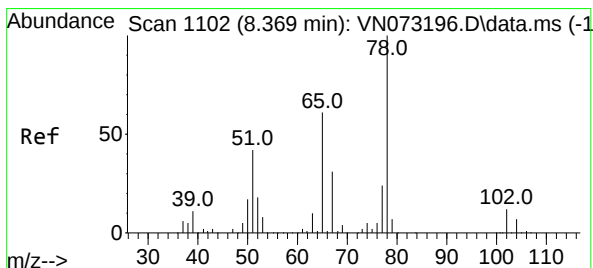
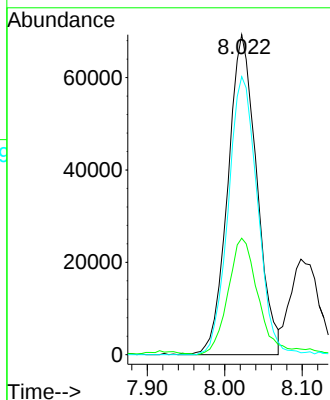
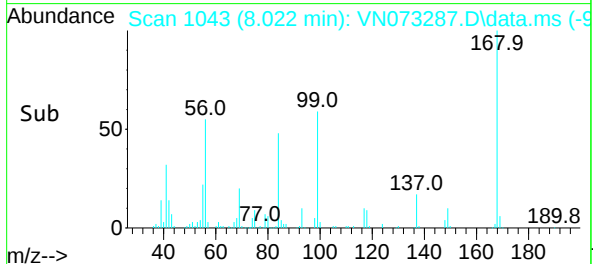
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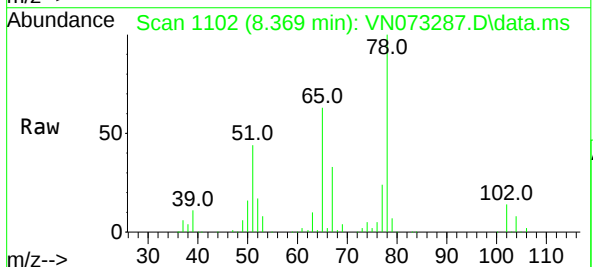
Tgt Ion: 56 Resp: 179902
Ion Ratio Lower Upper
56 100
69 35.8 27.8 41.8
84 86.9 76.9 115.3

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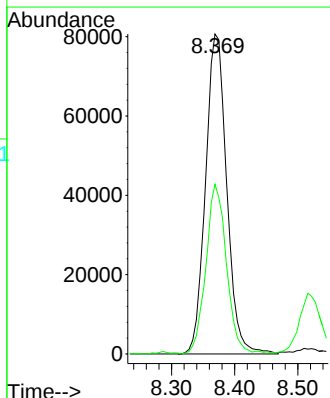
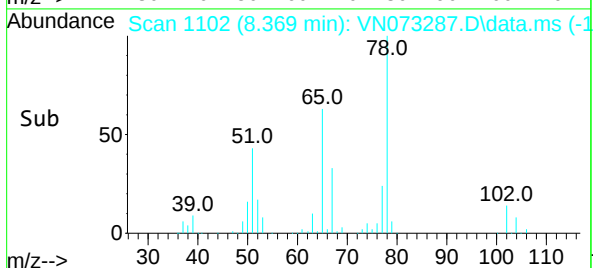
Reviewed By :Semsettin Yesilyurt 07/05/2022
Supervised By :Mahesh Dadoda 07/05/2022



#33
1,2-Dichloroethane-d4
Concen: 42.509 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07



Tgt Ion: 65 Resp: 188229
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073287.D

Acq: 01 Jul 2022 11:07

Instrument :

MSVOA_N

ClientSampleId :

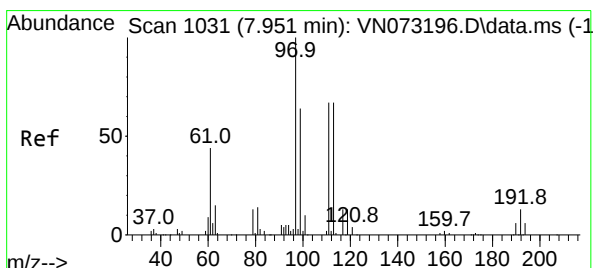
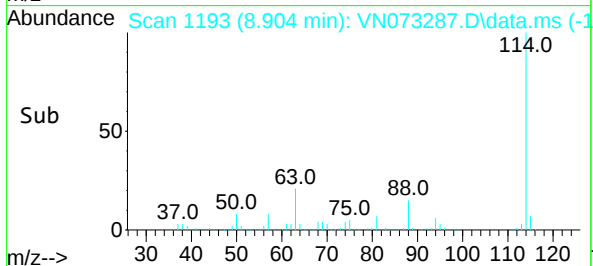
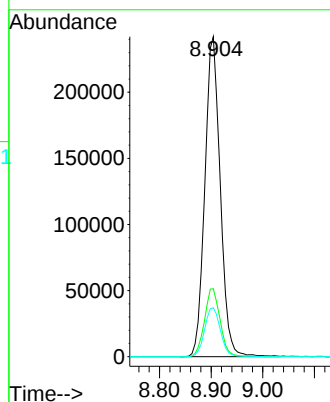
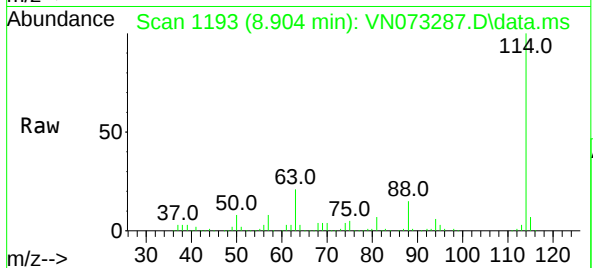
MW-24RDL

Tgt Ion:114	Resp: 50089
Ion Ratio	Lower Upper
114 100	
63 21.3	0.0 40.0
88 15.3	0.0 32.6

Manual Integrations

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#35

Dibromofluoromethane

Concen: 48.891 ug/l

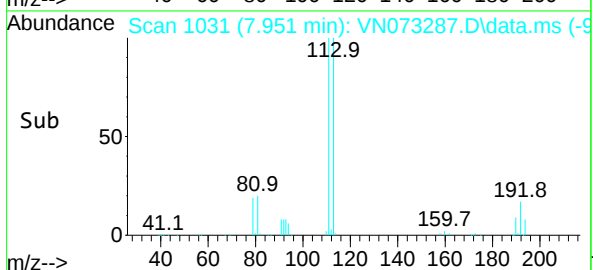
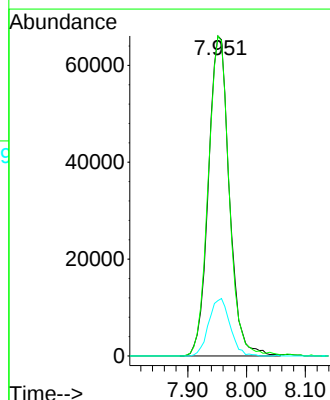
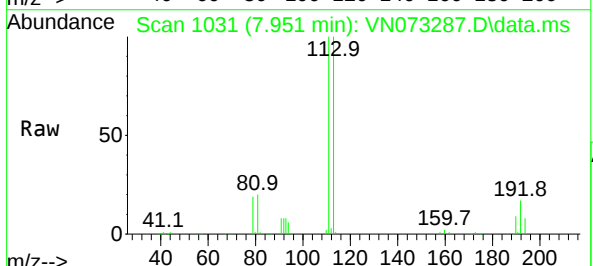
RT: 7.951 min Scan# 1031

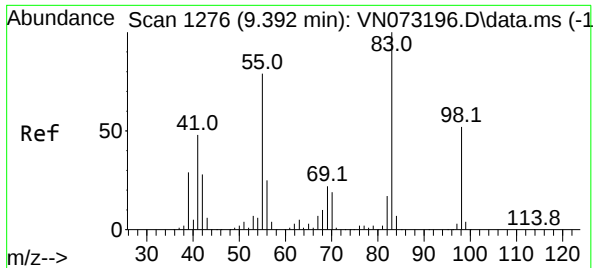
Delta R.T. 0.000 min

Lab File: VN073287.D

Acq: 01 Jul 2022 11:07

Tgt Ion:113	Resp: 162929
Ion Ratio	Lower Upper
113 100	
111 99.5	81.4 122.0
192 18.2	17.0 25.6





#39

Methylcyclohexane

Concen: 12.046 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073287.D

Acq: 01 Jul 2022 11:07

Instrument :

MSVOA_N

ClientSampleId :

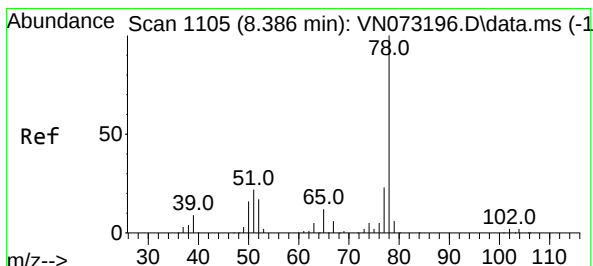
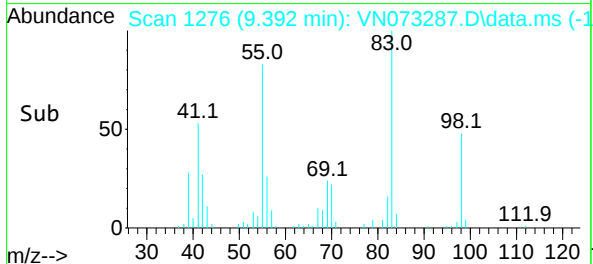
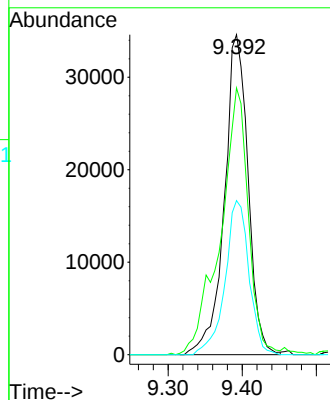
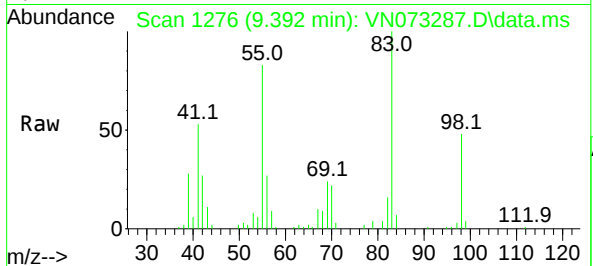
MW-24RDL

Tgt Ion: 83	Resp: 7690
Ion Ratio	Lower Upper
83 100	
55 82.9	57.8 86.8
98 48.2	39.4 59.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/05/2022
Supervised By :Mahesh Dadoda 07/05/2022



#40

Benzene

Concen: 51.979 ug/l

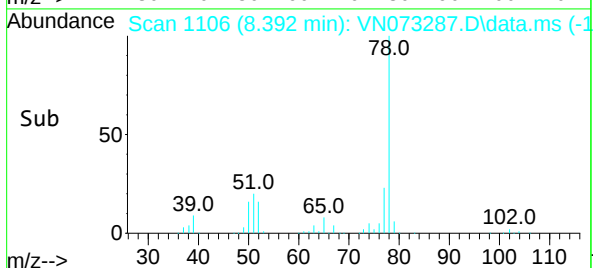
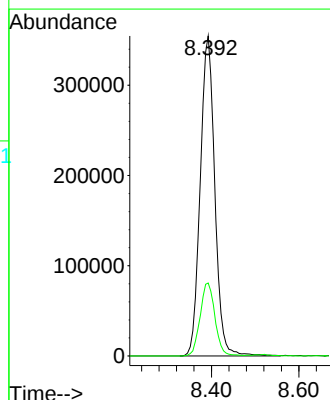
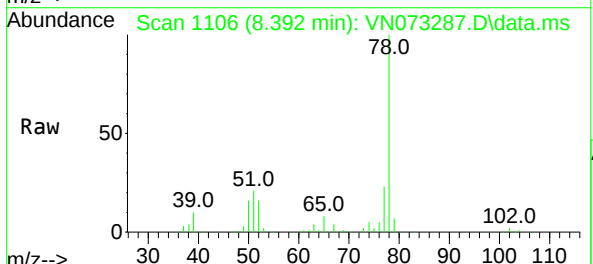
RT: 8.392 min Scan# 1106

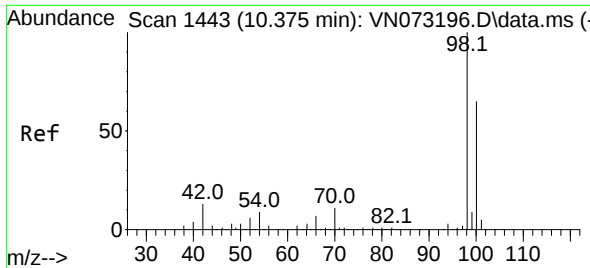
Delta R.T. 0.006 min

Lab File: VN073287.D

Acq: 01 Jul 2022 11:07

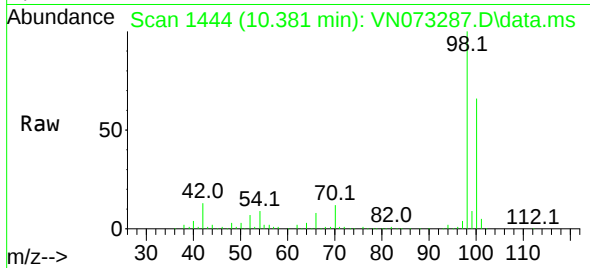
Tgt Ion: 78	Resp: 822567
Ion Ratio	Lower Upper
78 100	
77 22.8	19.4 29.0





#50
Toluene-d8
Concen: 44.664 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

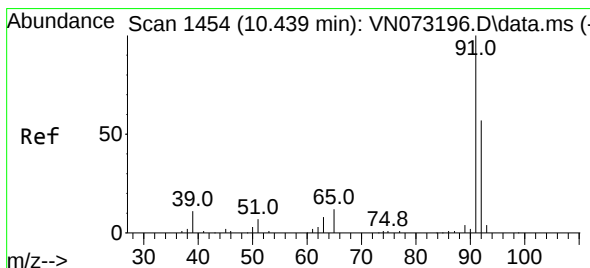
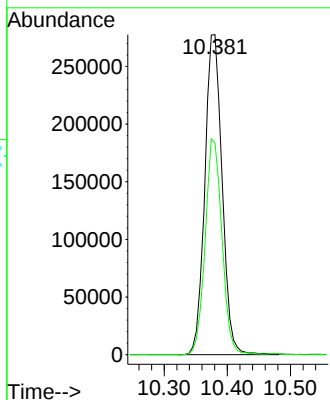
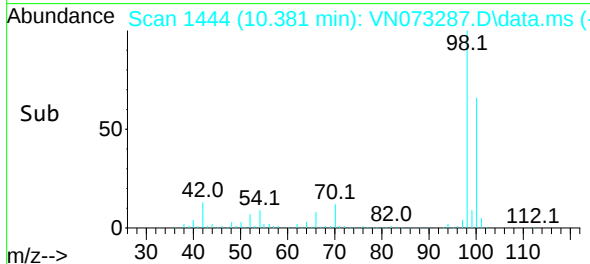
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MW-24RDL



Tgt Ion: 98 Resp: 52864
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8

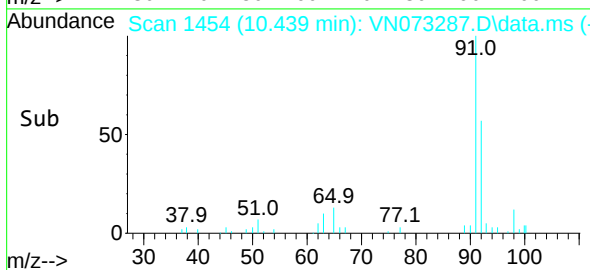
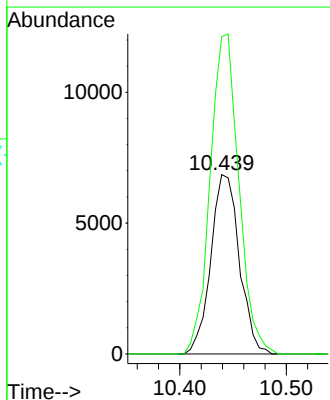
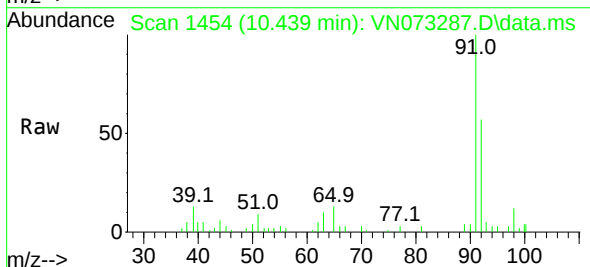
Manual Integrations
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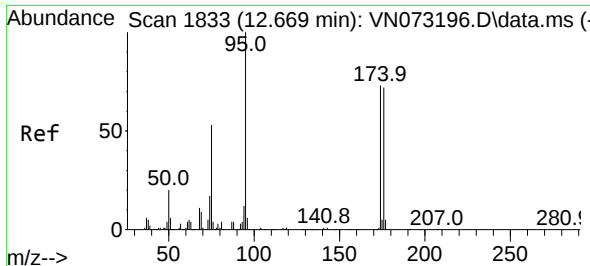
Reviewed By :Semsettin Yesilyurt 07/05/2022
Supervised By :Mahesh Dadoda 07/05/2022



#52
Toluene
Concen: 1.303 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

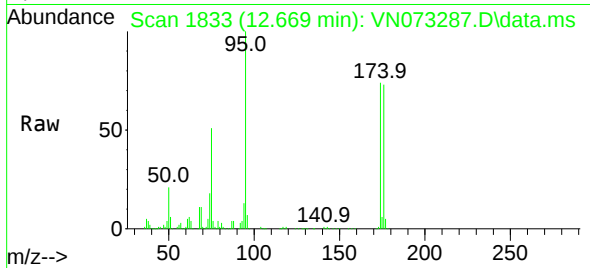
Tgt Ion: 92 Resp: 12742
Ion Ratio Lower Upper
92 100
91 179.1 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 51.566 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

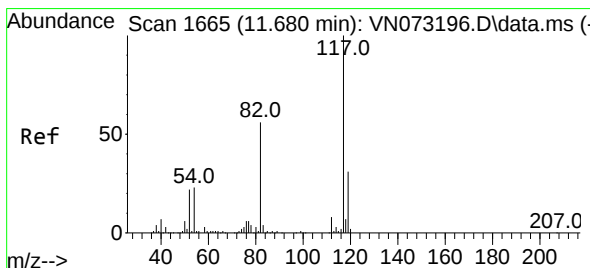
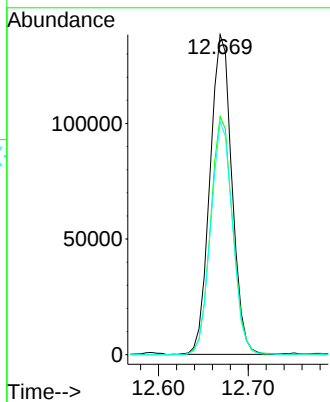
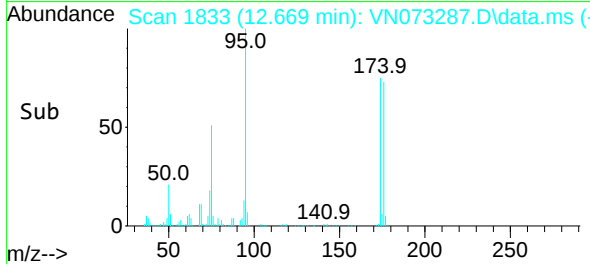
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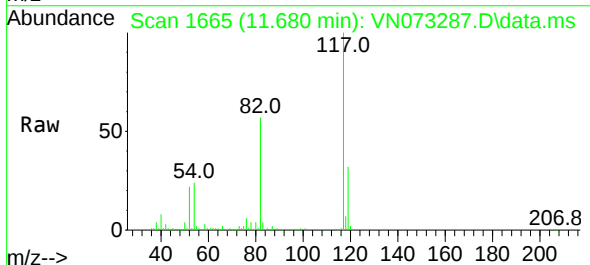
Tgt Ion: 95 Resp: 234550
Ion Ratio Lower Upper
95 100
174 75.1 0.0 167.6
176 72.9 0.0 163.4

Manual Integrations
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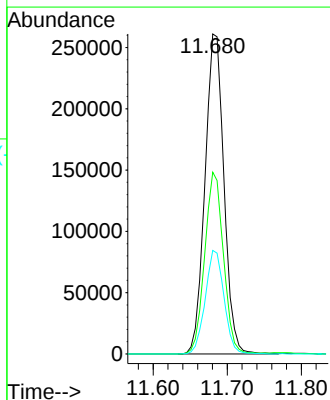
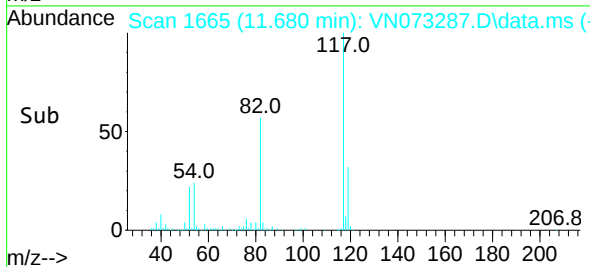
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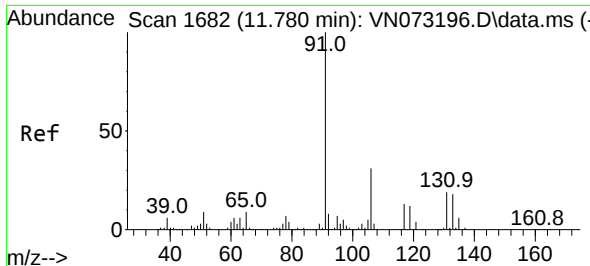


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07



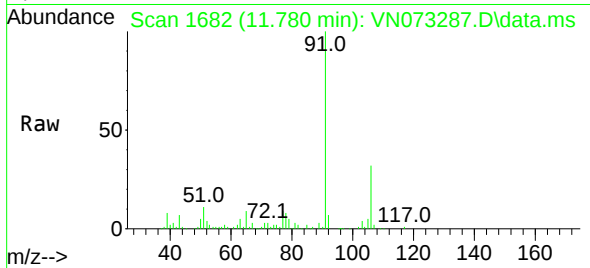
Tgt Ion:117 Resp: 464124
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 32.3 25.4 38.0





#67
Ethyl Benzene
Concen: 4.363 ug/l
RT: 11.780 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

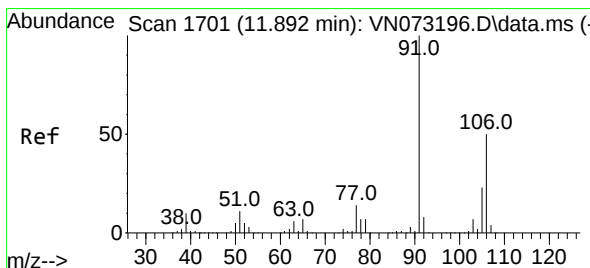
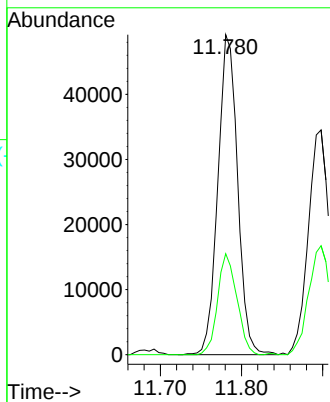
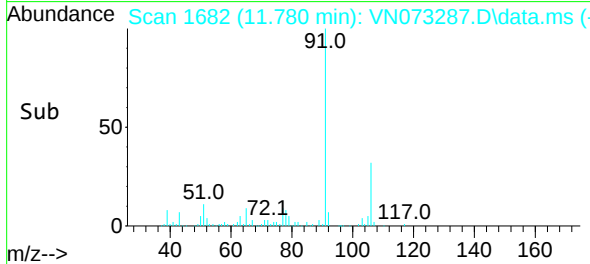
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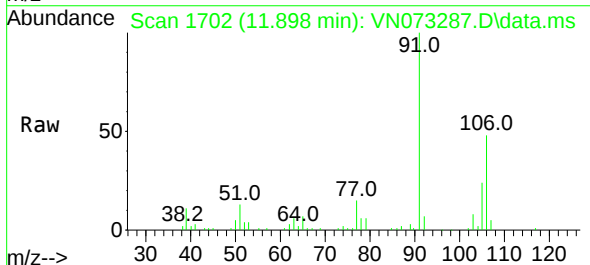
Tgt Ion: 91 Resp: 83150
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

Manual Integrations
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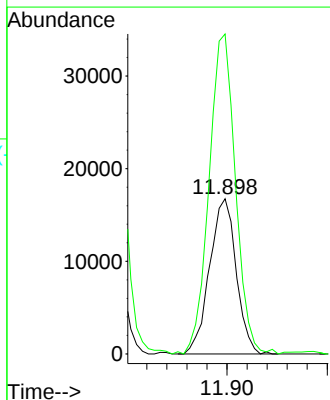
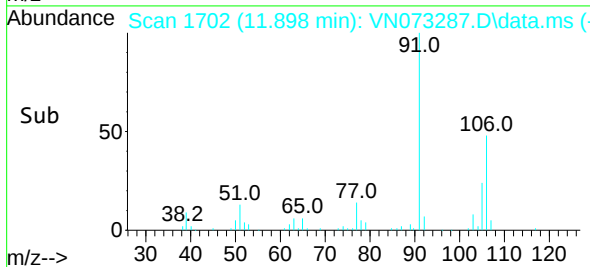
Reviewed By :Semsettin Yesilyurt 07/05/2022
Supervised By :Mahesh Dadoda 07/05/2022

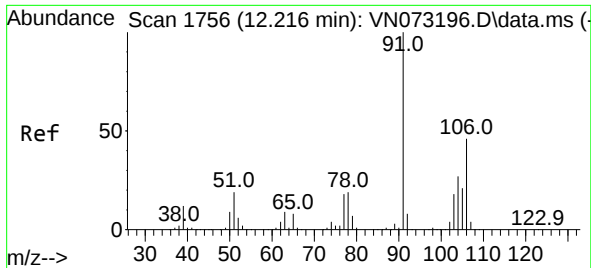


#68
m/p-Xylenes
Concen: 4.287 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07



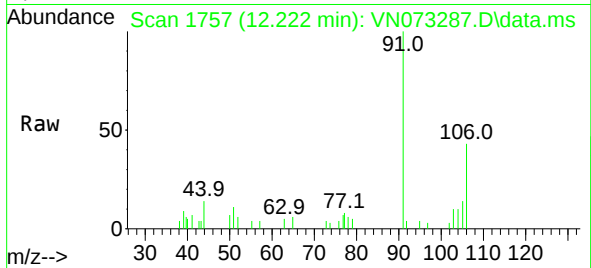
Tgt Ion:106 Resp: 30830
Ion Ratio Lower Upper
106 100
91 204.9 158.9 238.3





#69
o-Xylene
Concen: 0.508 ug/l
RT: 12.222 min Scan# 1756
Delta R.T. 0.006 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

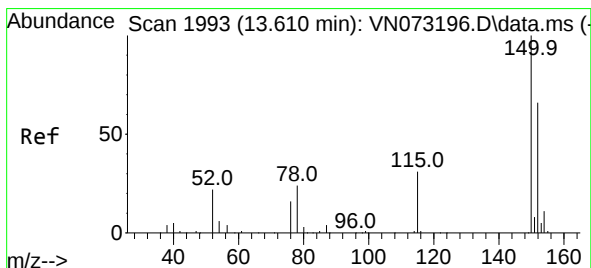
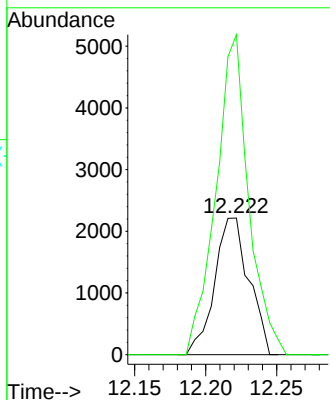
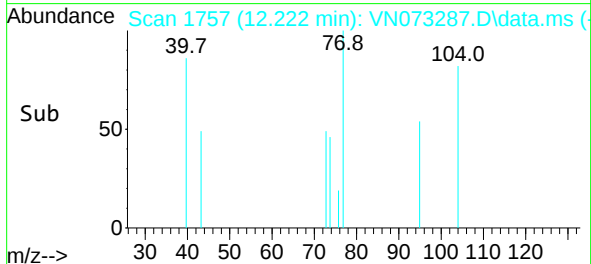
Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL



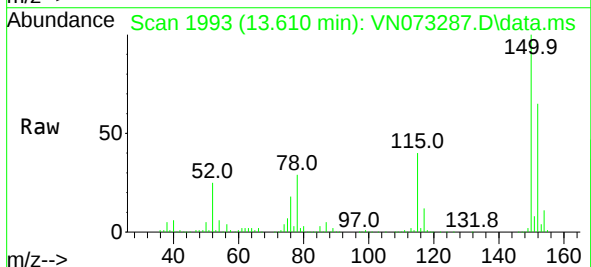
Tgt Ion:106 Resp: 3729
Ion Ratio Lower Upper
106 100
91 222.9 106.0 318.0

Manual Integrations
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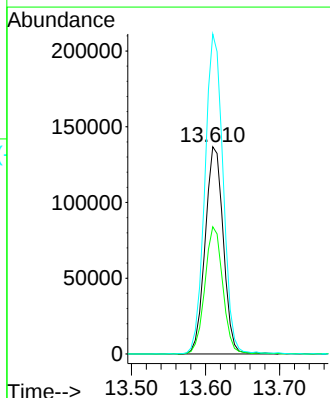
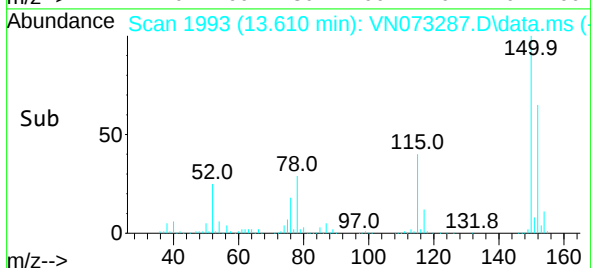
Reviewed By :Semsettin Yesilyurt 07/05/2022
Supervised By :Mahesh Dadoda 07/05/2022

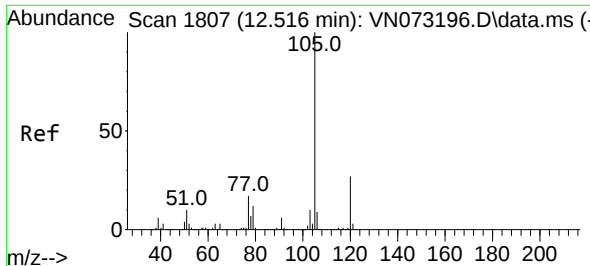


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07



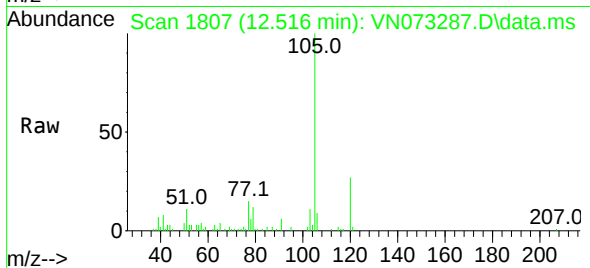
Tgt Ion:152 Resp: 232460
Ion Ratio Lower Upper
152 100
115 60.5 28.9 86.7
150 154.8 0.0 356.2





#73
Isopropylbenzene
Concen: 1.884 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

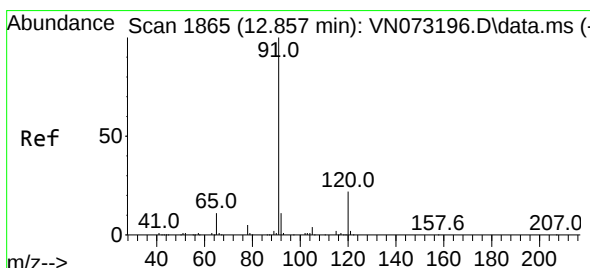
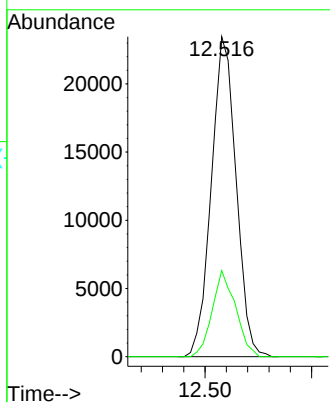
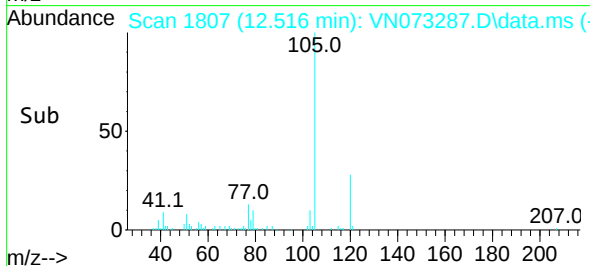
Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL



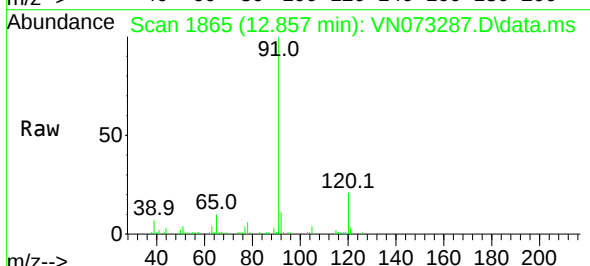
Tgt Ion:105 Resp: 3782
Ion Ratio Lower Upper
105 100
120 25.4 13.5 40.4

Manual Integrations
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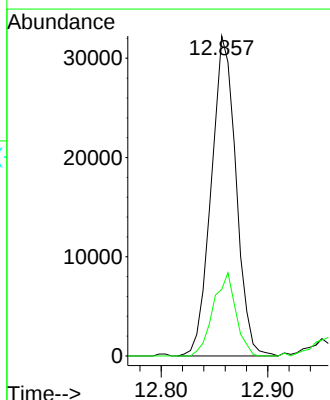
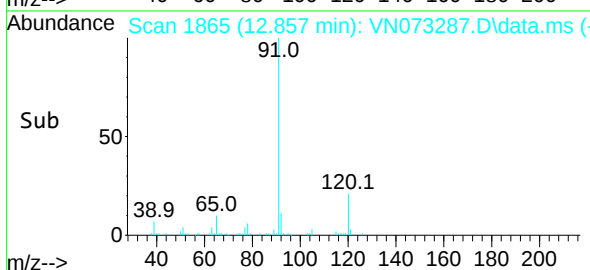
Reviewed By :Semsettin Yesilyurt 07/05/2022
Supervised By :Mahesh Dadoda 07/05/2022

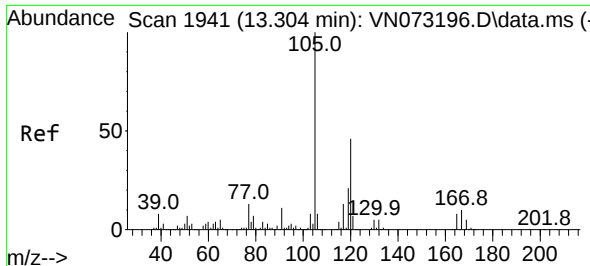


#78
n-propylbenzene
Concen: 2.330 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07



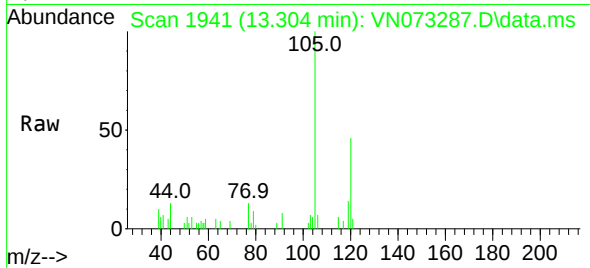
Tgt Ion: 91 Resp: 51955
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





#84
1,2,4-Trimethylbenzene
Concen: 0.636 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

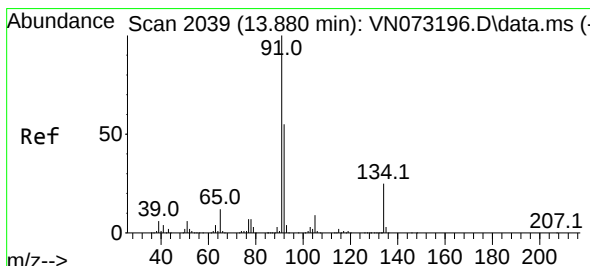
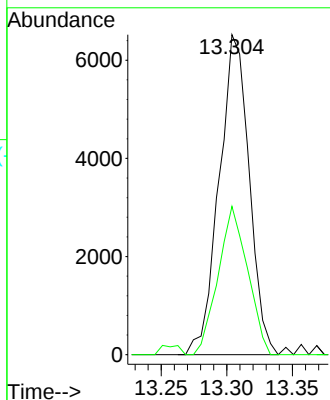
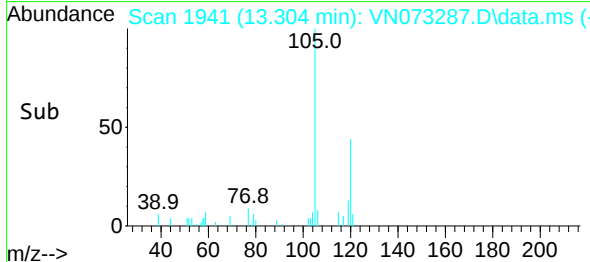
Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL



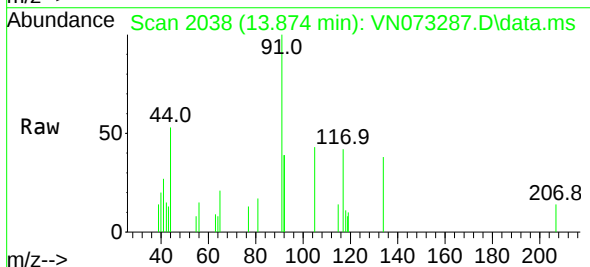
Tgt Ion:105 Resp: 1038
Ion Ratio Lower Upper
105 100
120 45.4 23.3 69.8

Manual Integrations
APPROVED

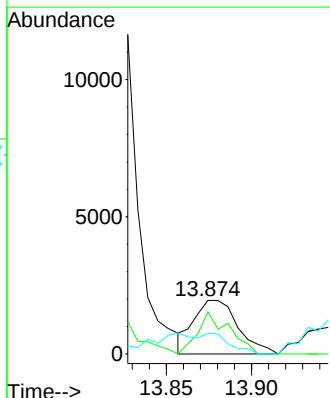
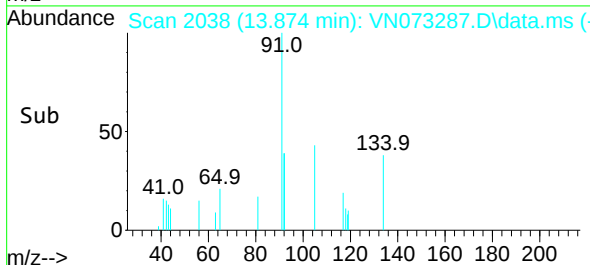
Reviewed By :Semsettin Yesilyurt 07/05/2022
Supervised By :Mahesh Dadoda 07/05/2022

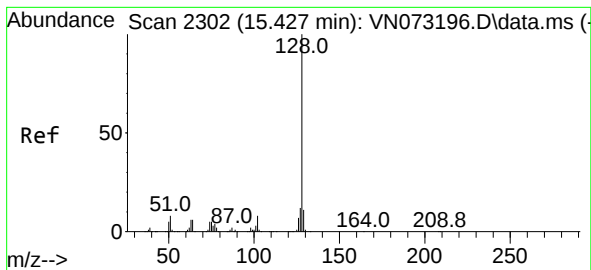


#89
n-Butylbenzene
Concen: 0.267 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. -0.006 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07



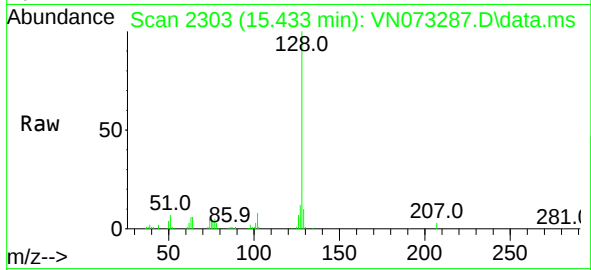
Tgt Ion: 91 Resp: 3537
Ion Ratio Lower Upper
91 100
92 55.8 26.9 80.7
134 40.9 13.6 40.8#





#95
Naphthalene
Concen: 6.371 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL



Tgt Ion:128 Resp: 11414
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2022
Supervised By :Mahesh Dadoda 07/05/2022

