

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071522\
 Data File : VN073482.D
 Acq On : 15 Jul 2022 13:42
 Operator : JC\MD
 Sample : N3726-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-ANOM

Quant Time: Jul 16 04:13:18 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

Manual Integrations APPROVED

Reviewed By : John Carlone 07/18/2022
 Supervised By : Mahesh Dadoda 07/18/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	288138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	476135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	464859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	265003	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	179390	43.127	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.260%		
35) Dibromofluoromethane	7.951	113	152043	47.996	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.000%		
50) Toluene-d8	10.380	98	540674	48.056	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.120%		
62) 4-Bromofluorobenzene	12.668	95	249268	57.652	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	115.300%		
Target Compounds					Qvalue	
16) Acetone	4.216	43	104280	44.662	ug/l #	84
25) 2-Butanone	7.269	43	55479	14.924	ug/l #	80
31) Cyclohexane	8.022	56	684328	100.454	ug/l	90
39) Methylcyclohexane	9.392	83	650606	107.212	ug/l	92
52) Toluene	10.445	92	5987072	644.017	ug/l	97
67) Ethyl Benzene	11.780	91	21172118	1109.258	ug/l #	76
68) m/p-Xylenes	11.892	106	25153918	3491.989	ug/l #	1
69) o-Xylene	12.221	106	13118042	1783.894	ug/l #	1
73) Isopropylbenzene	12.521	105	2106166	92.036	ug/l	99
78) n-propylbenzene	12.863	91	7542132	296.673	ug/l	96
80) 1,3,5-Trimethylbenzene	13.004	105	9224064	494.524	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	21246108	1140.882	ug/l	76
85) sec-Butylbenzene	13.439	105	418271m	18.628	ug/l	
86) p-Isopropyltoluene	13.557	119	229537m	12.654	ug/l	
89) n-Butylbenzene	13.880	91	638043	42.212	ug/l #	77
95) Naphthalene	15.433	128	17517540	857.690	ug/l	97

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

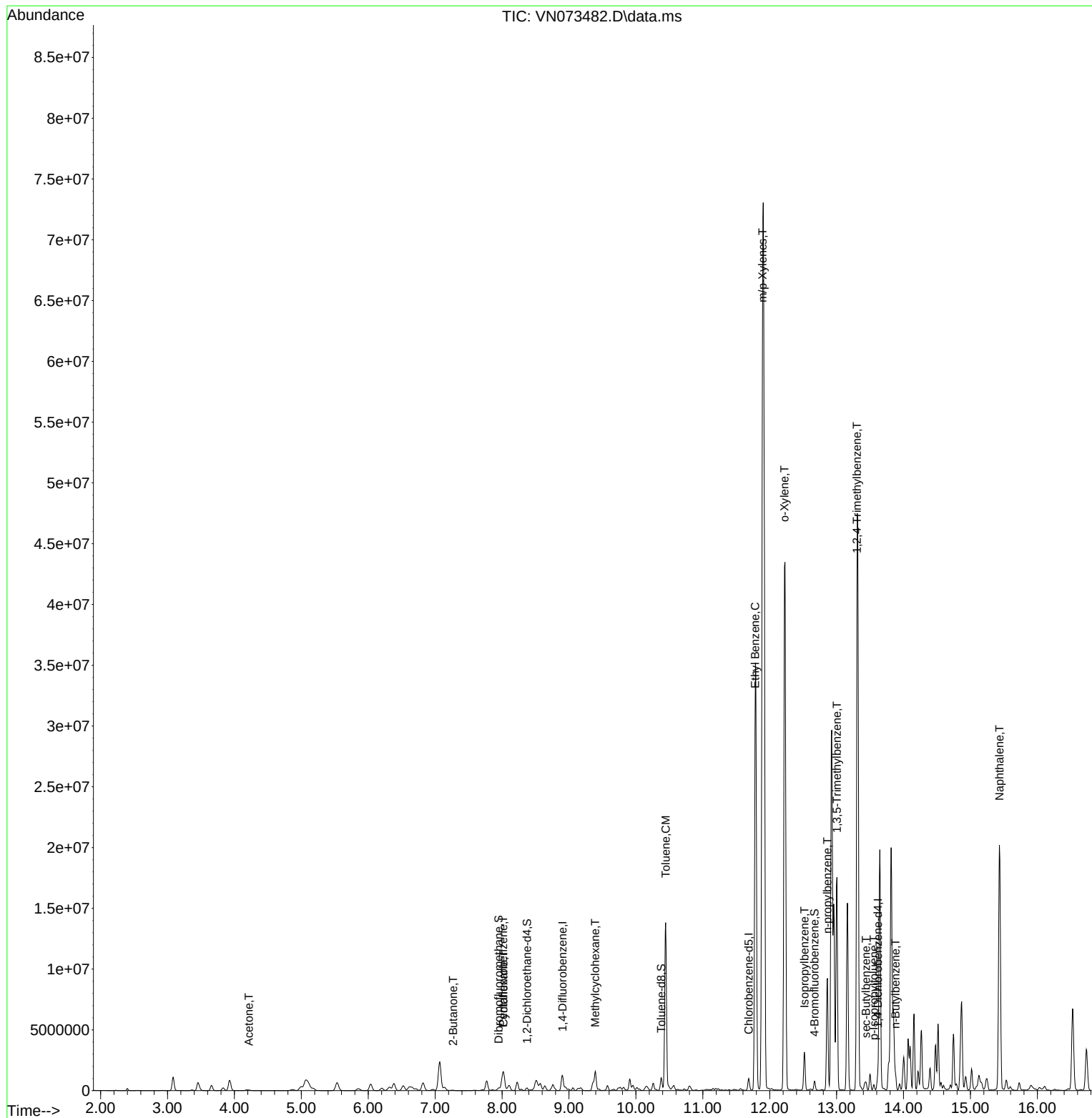
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071522\
Data File : VN073482.D
Acq On : 15 Jul 2022 13:42
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

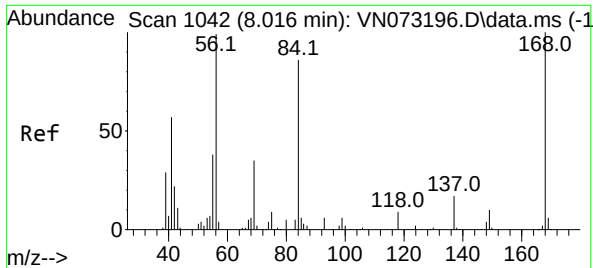
Instrument :
MSVOA_N
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TW-ANOM

Quant Time: Jul 16 04:13:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
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APPROVED

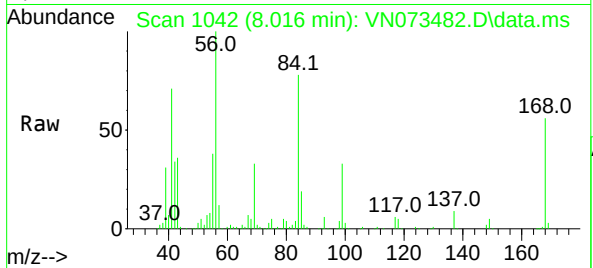
Reviewed By : John Carlone 07/18/2022
Supervised By : Mahesh Dadoda 07/18/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

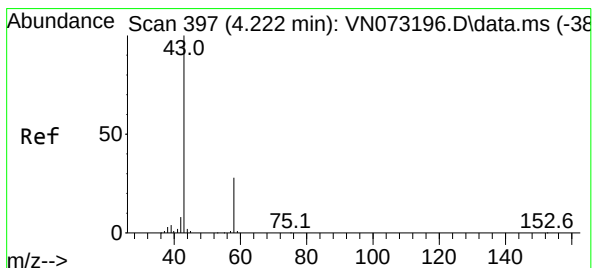
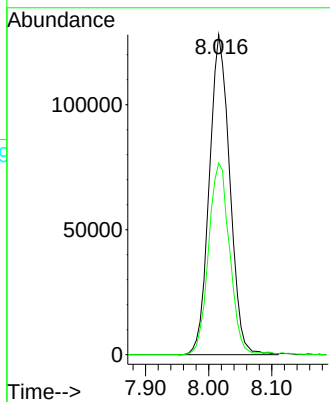
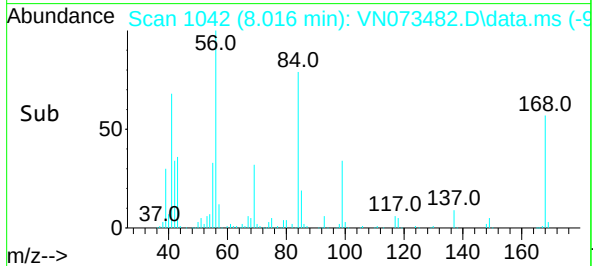
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM



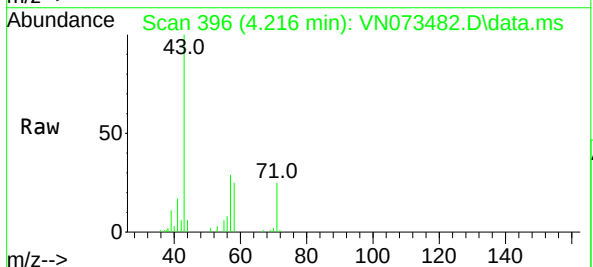
Tgt Ion:168 Resp: 288138
Ion Ratio Lower Upper
168 100
99 59.9 42.3 63.5

Manual Integrations
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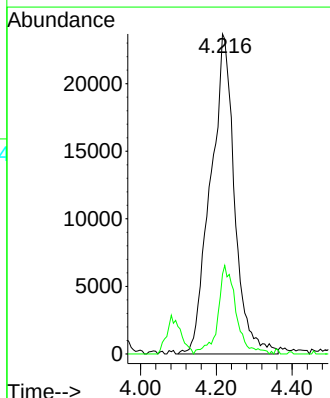
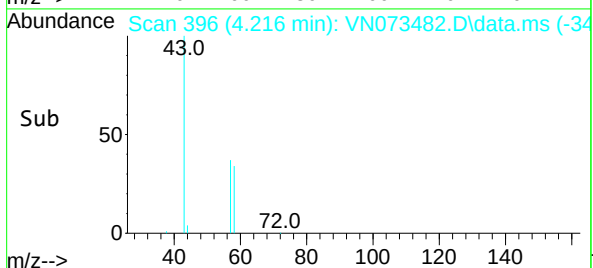
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022

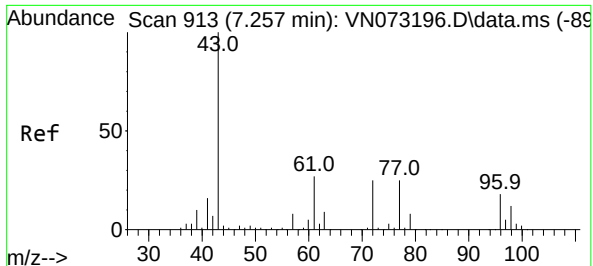


#16
Acetone
Concen: 44.662 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42



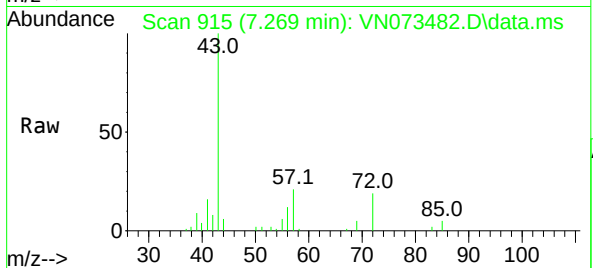
Tgt Ion: 43 Resp: 104280
Ion Ratio Lower Upper
43 100
58 23.7 26.0 39.0#





#25
2-Butanone
Concen: 14.924 ug/l
RT: 7.269 min Scan# 913
Delta R.T. 0.012 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

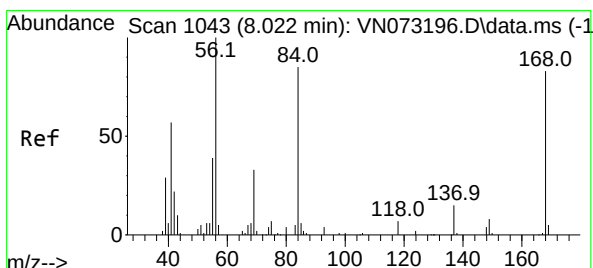
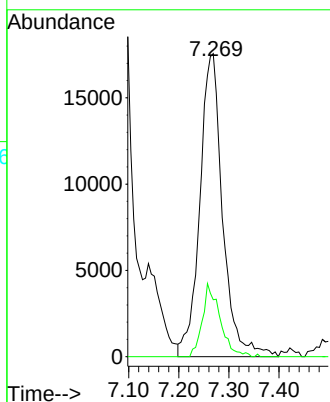
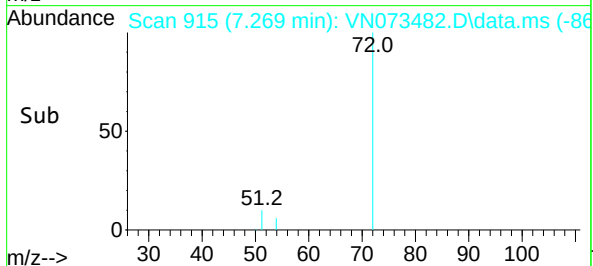
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM



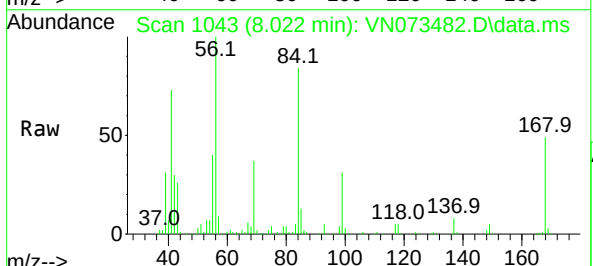
Tgt Ion: 43 Resp: 55479
Ion Ratio Lower Upper
43 100
72 18.8 23.7 35.5

Manual Integrations
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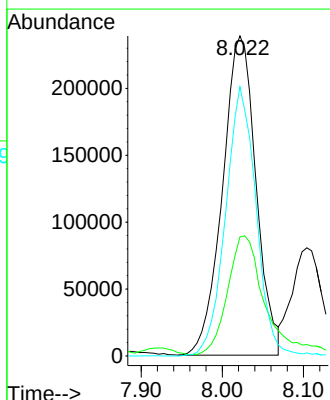
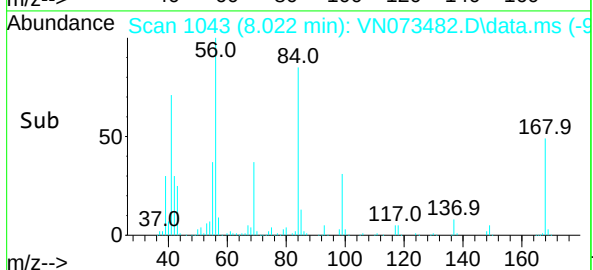
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022

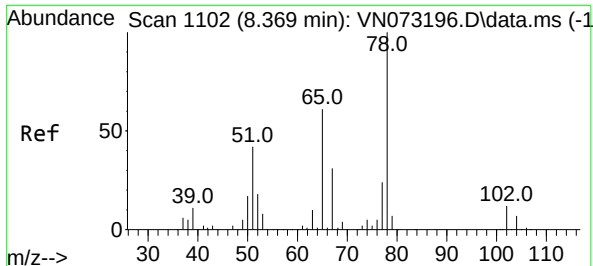


#31
Cyclohexane
Concen: 100.454 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42



Tgt Ion: 56 Resp: 684328
Ion Ratio Lower Upper
56 100
69 36.2 27.8 41.8
84 84.3 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 43.127 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073482.D

Acq: 15 Jul 2022 13:42

Instrument :

MSVOA_N

ClientSampleId :

TW-ANOM

Tgt Ion: 65 Resp: 179390

Ion Ratio Lower Upper

65 100

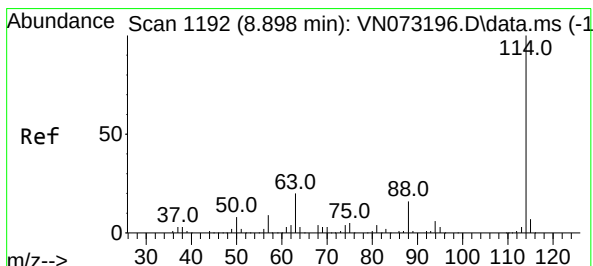
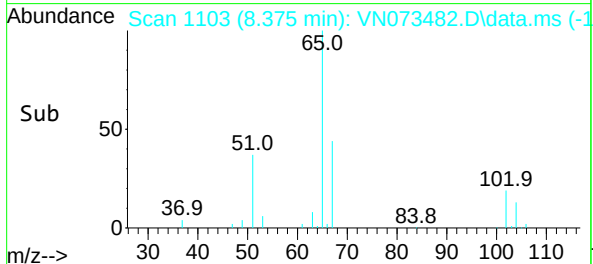
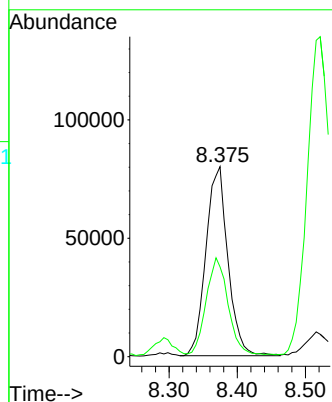
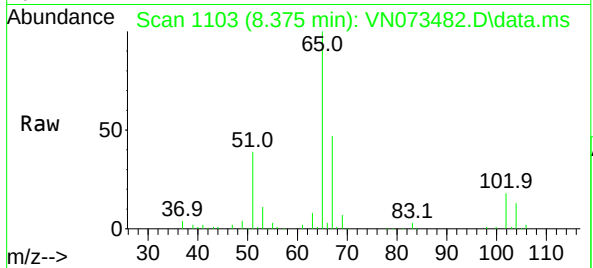
67 50.6 0.0 104.8

Manual Integrations

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Supervised By :Mahesh Dadoda 07/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073482.D

Acq: 15 Jul 2022 13:42

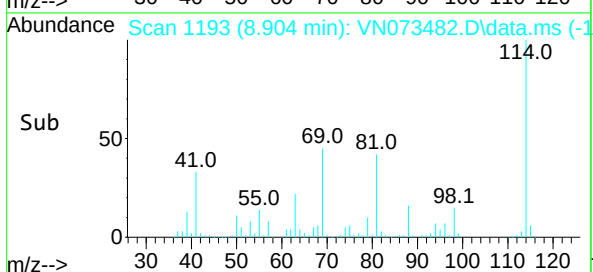
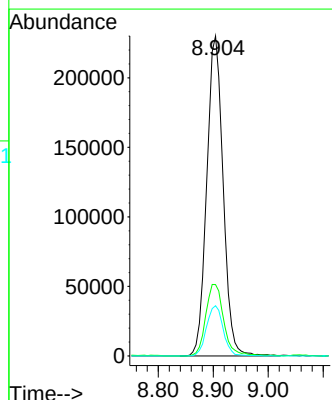
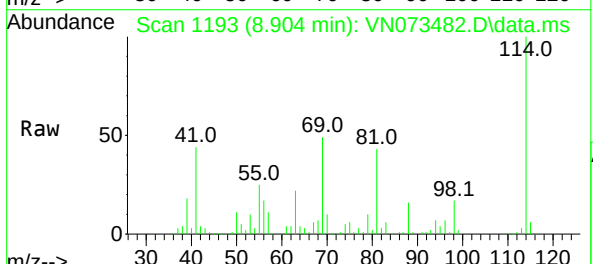
Tgt Ion:114 Resp: 476135

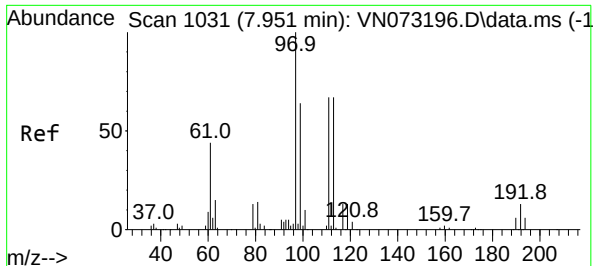
Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.0

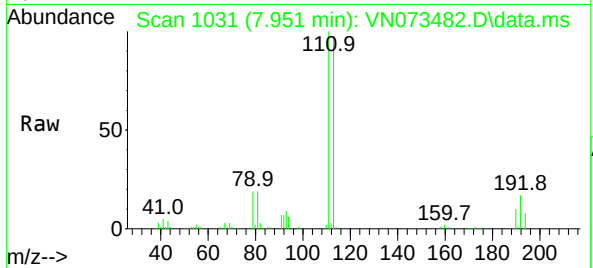
88 15.7 0.0 32.6





#35
Dibromofluoromethane
Concen: 47.996 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

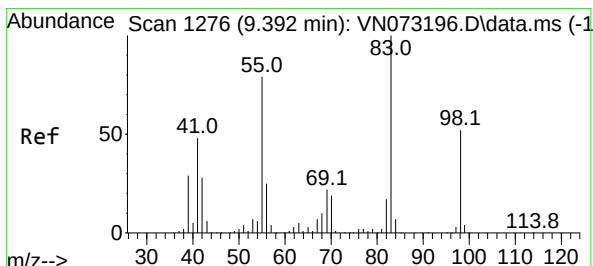
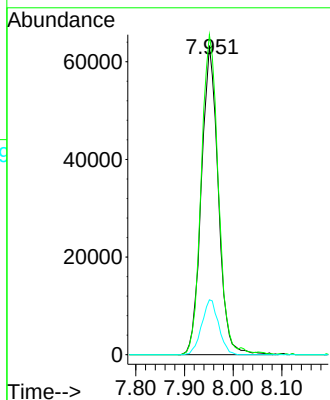
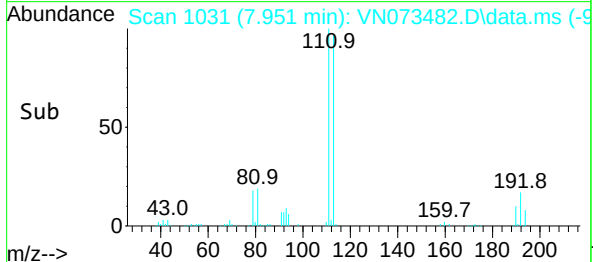
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM



Tgt Ion: 113 Resp: 15204
Ion Ratio Lower Upper
113 100
111 104.9 81.4 122.0
192 17.8 17.0 25.6

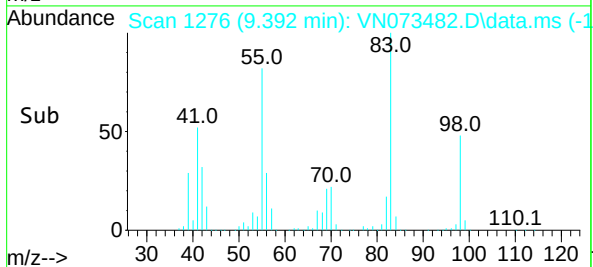
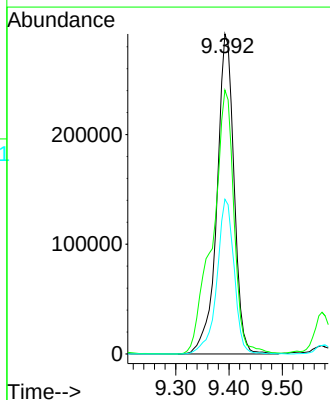
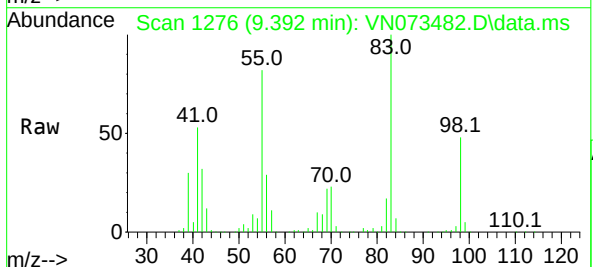
Manual Integrations
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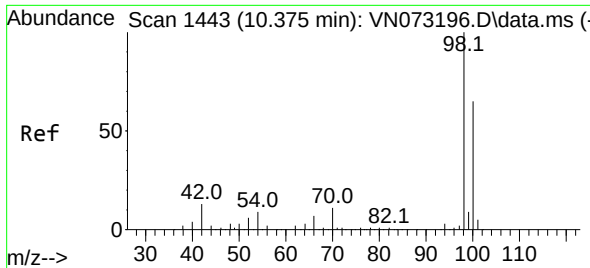
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#39
Methylcyclohexane
Concen: 107.212 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

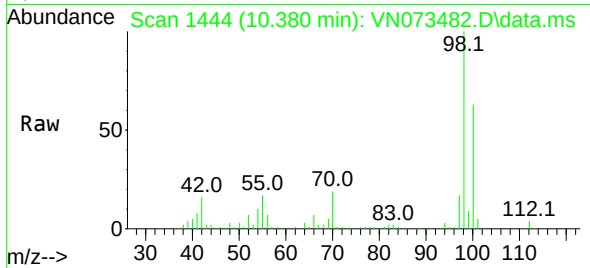
Tgt Ion: 83 Resp: 650606
Ion Ratio Lower Upper
83 100
55 82.4 57.8 86.8
98 48.4 39.4 59.2





#50
Toluene-d8
Concen: 48.056 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

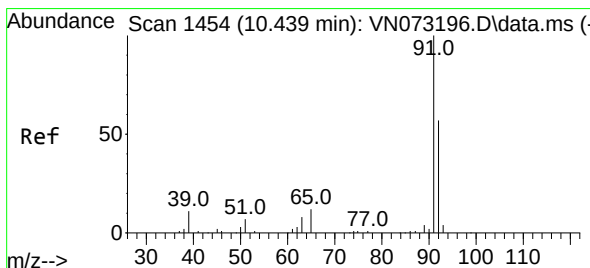
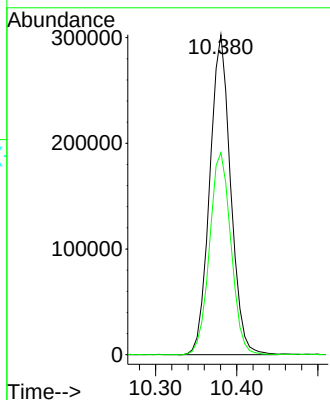
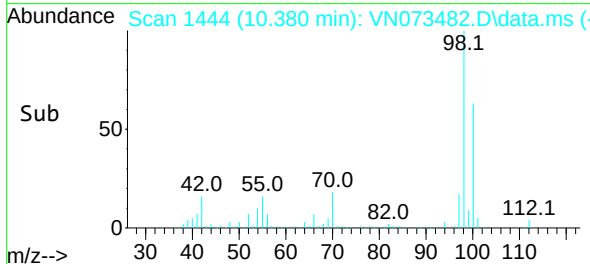
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM



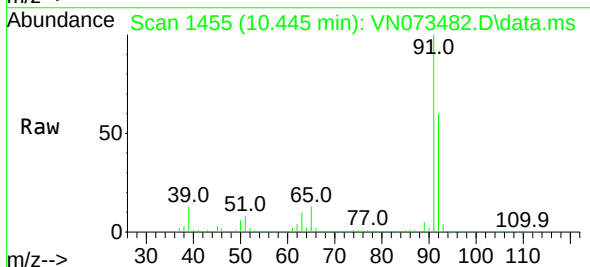
Tgt Ion: 98 Resp: 540674
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

Manual Integrations
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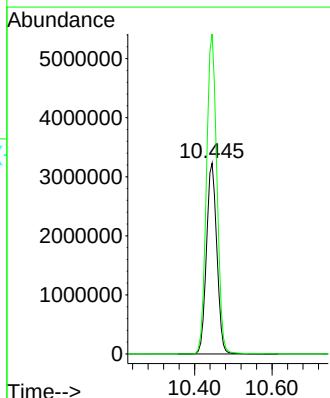
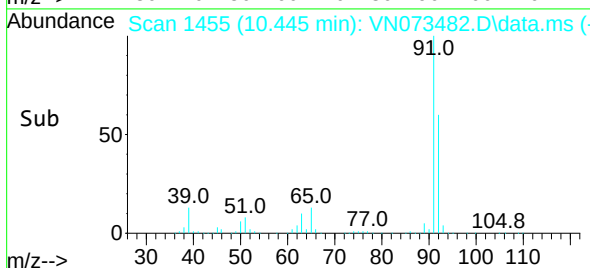
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Supervised By :Mahesh Dadoda 07/18/2022

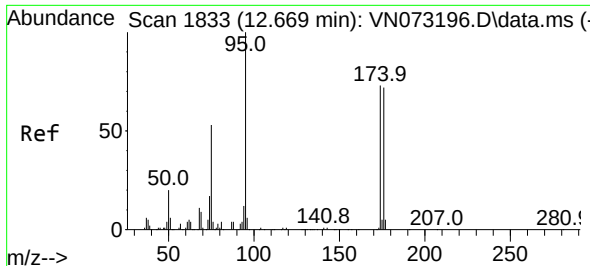


#52
Toluene
Concen: 644.017 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42



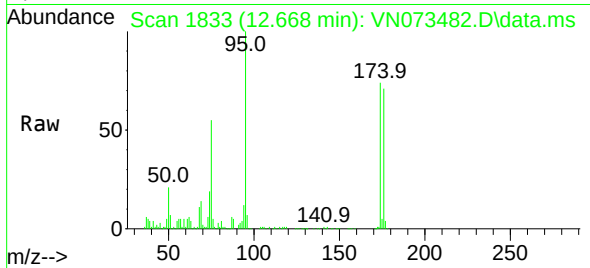
Tgt Ion: 92 Resp: 5987072
Ion Ratio Lower Upper
92 100
91 169.4 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 57.652 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

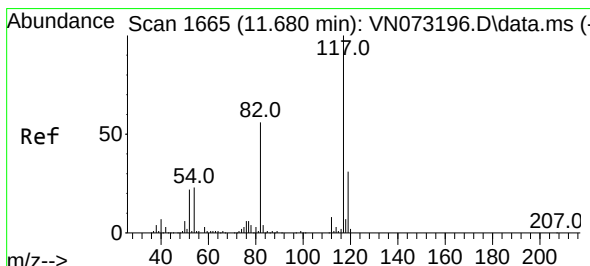
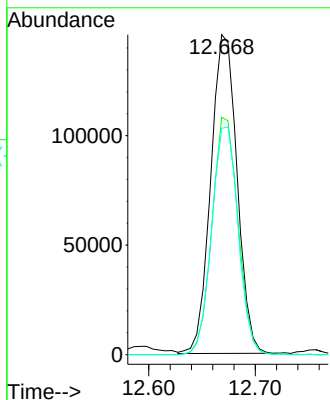
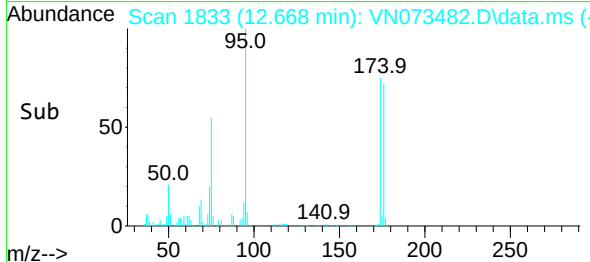
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MSVOA_N
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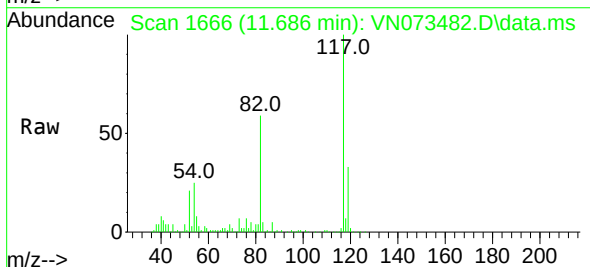
Tgt Ion: 95 Resp: 249268
Ion Ratio Lower Upper
95 100
174 73.9 0.0 167.6
176 71.9 0.0 163.4

Manual Integrations
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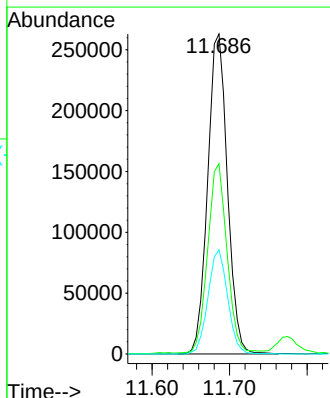
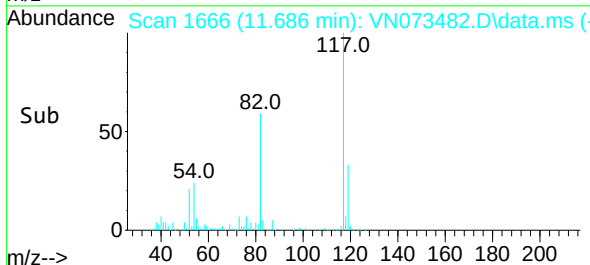
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022

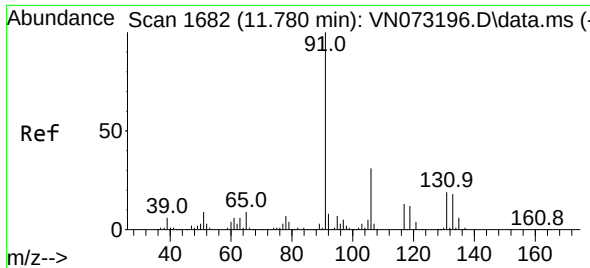


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42



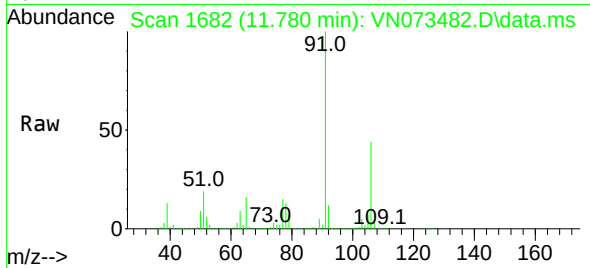
Tgt Ion:117 Resp: 464859
Ion Ratio Lower Upper
117 100
82 59.1 44.2 66.2
119 32.5 25.4 38.0





#67
Ethyl Benzene
Concen: 1109.258 ug/l
RT: 11.780 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

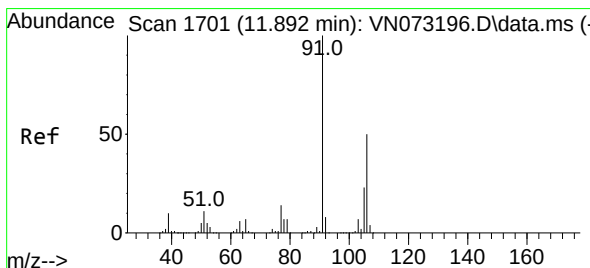
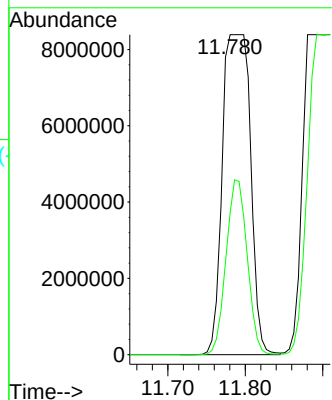
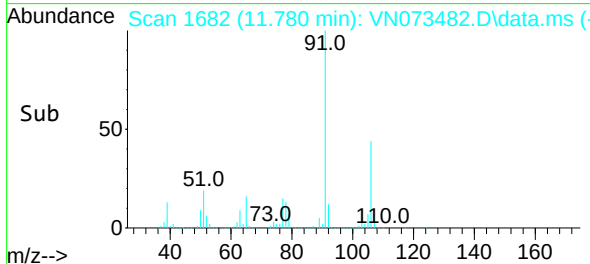
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM



Tgt Ion: 91 Resp:21172118
Ion Ratio Lower Upper
91 100
106 44.3 24.9 37.3#

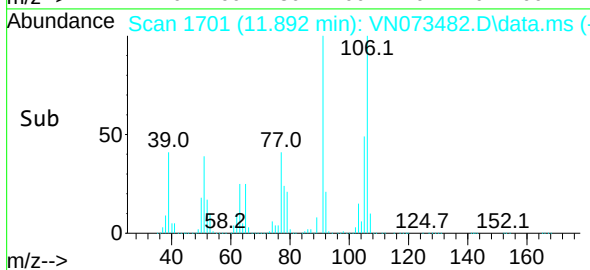
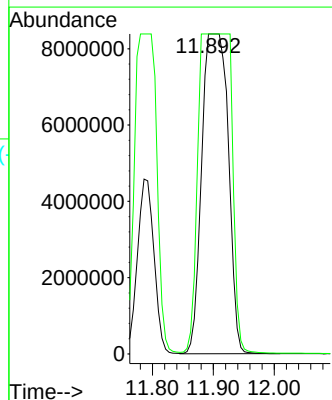
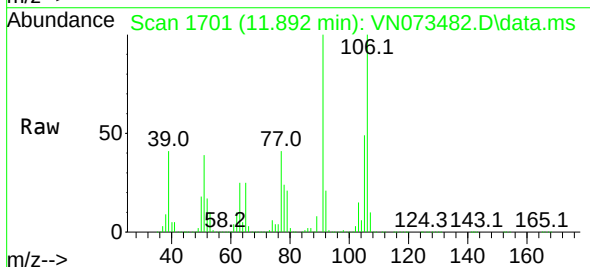
Manual Integrations
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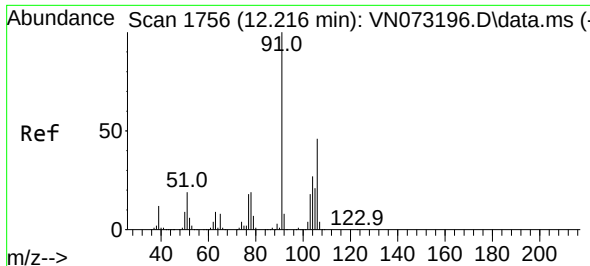
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#68
m/p-Xylenes
Concen: 3491.989 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

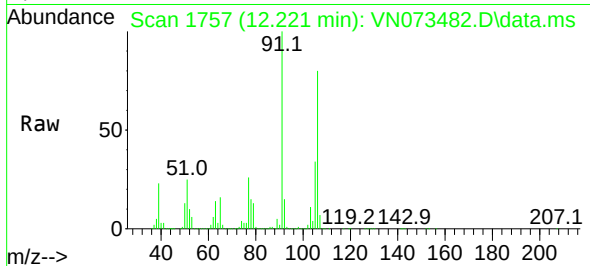
Tgt Ion:106 Resp:25153918
Ion Ratio Lower Upper
106 100
91 0.0 158.9 238.3#





#69
o-Xylene
Concen: 1783.894 ug/l
RT: 12.221 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

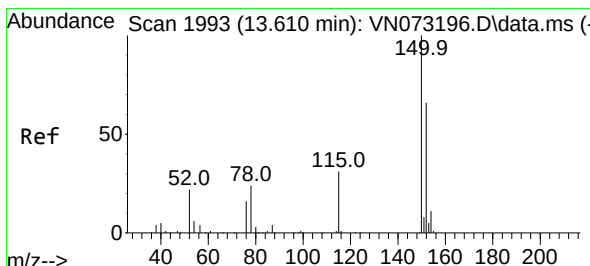
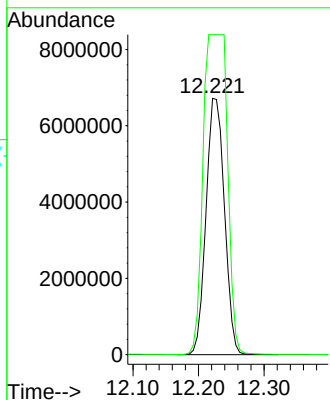
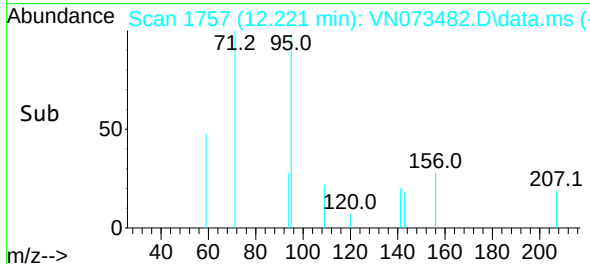
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM



Tgt Ion:106 Resp:1311804
Ion Ratio Lower Upper
106 100
91 0.0 106.0 318.0

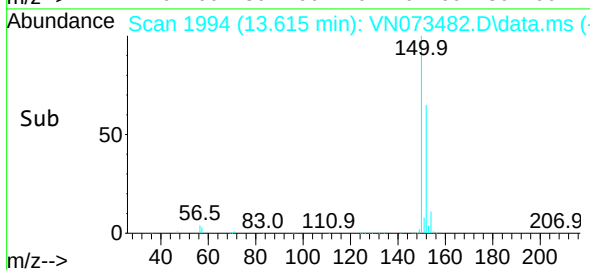
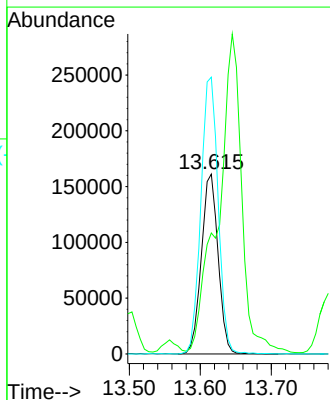
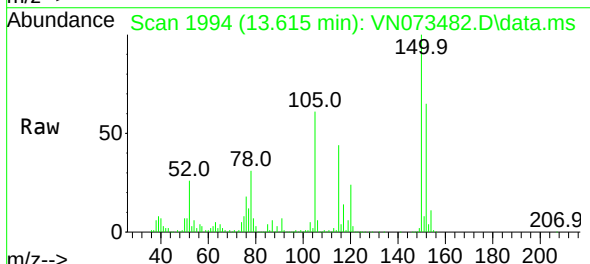
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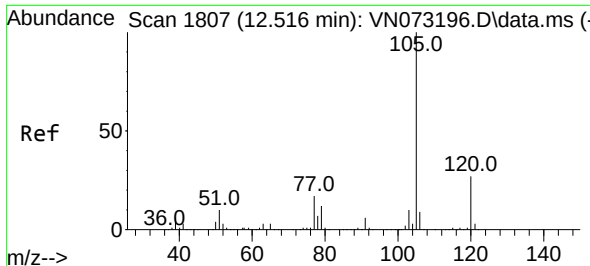
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion:152 Resp: 265003
Ion Ratio Lower Upper
152 100
115 0.0 28.9 86.7#
150 158.4 0.0 356.2





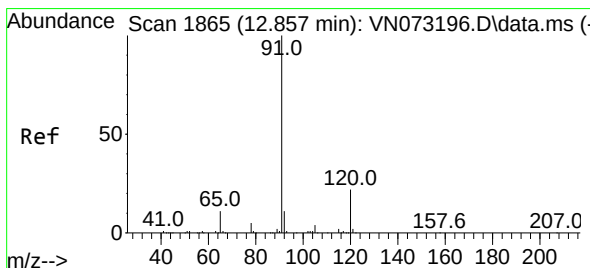
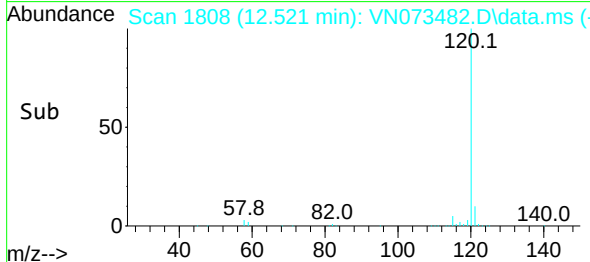
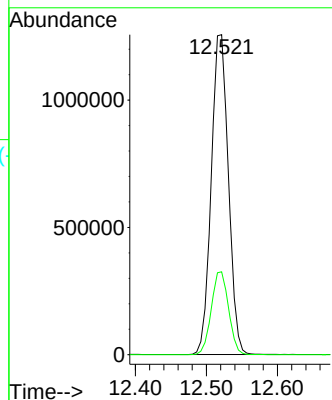
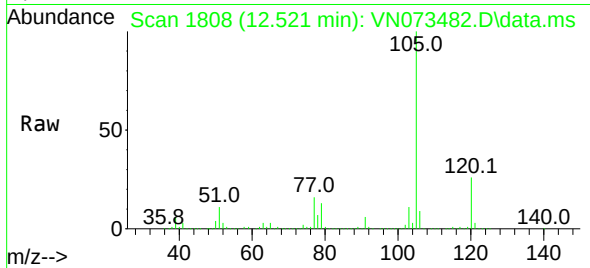
#73
Isopropylbenzene
Concen: 92.036 ug/l
RT: 12.521 min Scan# 1807
Delta R.T. 0.005 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM

Tgt Ion:105 Resp: 210616
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.4

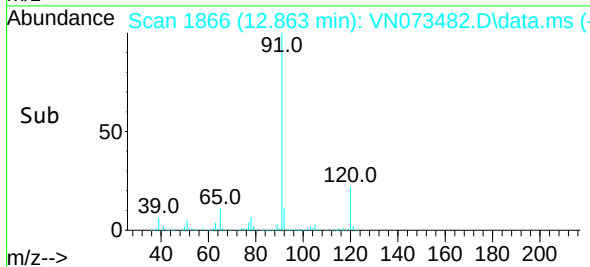
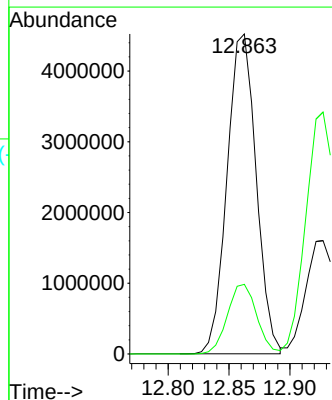
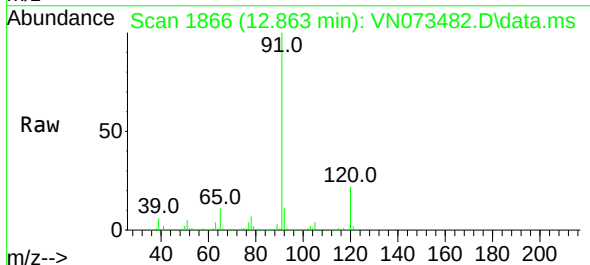
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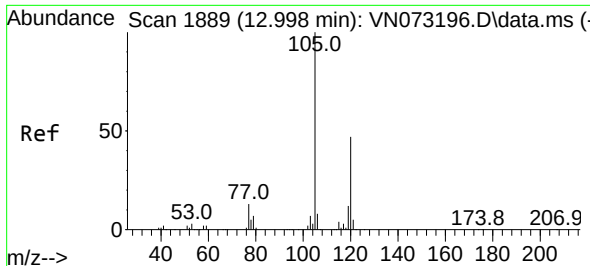
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#78
n-propylbenzene
Concen: 296.673 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

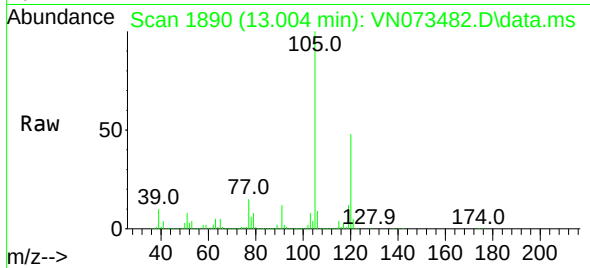
Tgt Ion: 91 Resp: 7542132
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.5





#80
 1,3,5-Trimethylbenzene
 Concen: 494.524 ug/l
 RT: 13.004 min Scan# 1889
 Delta R.T. 0.006 min
 Lab File: VN073482.D
 Acq: 15 Jul 2022 13:42

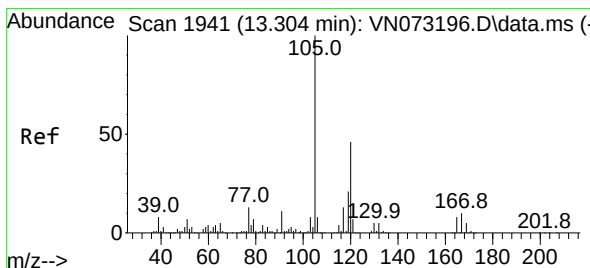
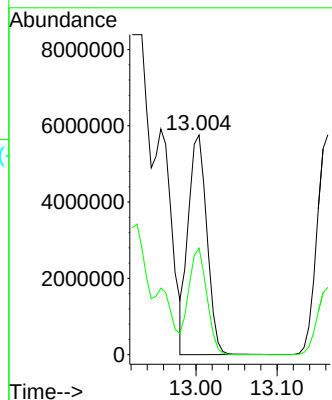
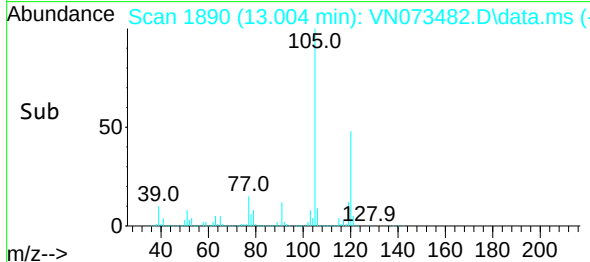
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-ANOM



Tgt Ion:105 Resp: 9224064
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.9 74.7

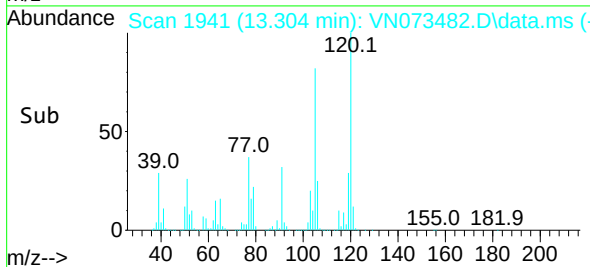
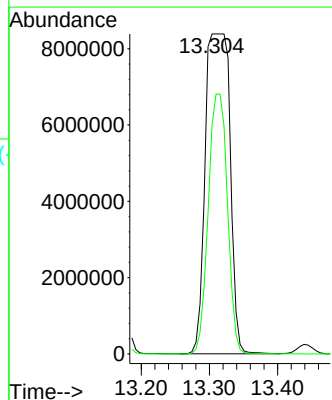
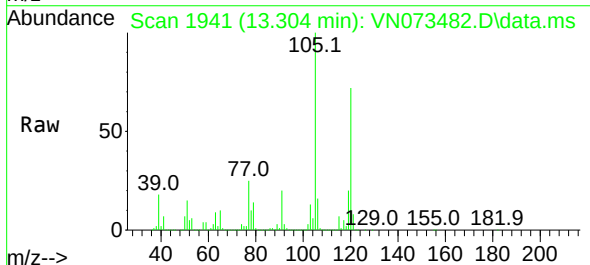
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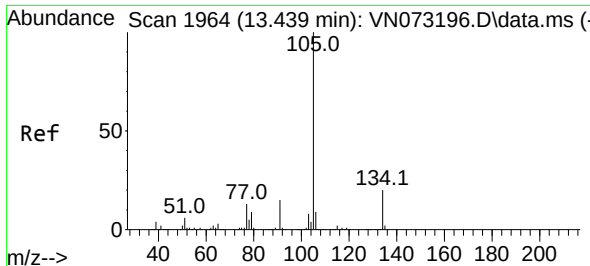
Reviewed By :John Carlone 07/18/2022
 Supervised By :Mahesh Dadoda 07/18/2022



#84
 1,2,4-Trimethylbenzene
 Concen: 1140.882 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: VN073482.D
 Acq: 15 Jul 2022 13:42

Tgt Ion:105 Resp:21246108
 Ion Ratio Lower Upper
 105 100
 120 62.7 23.3 69.8





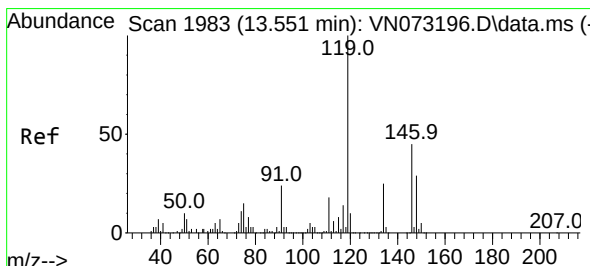
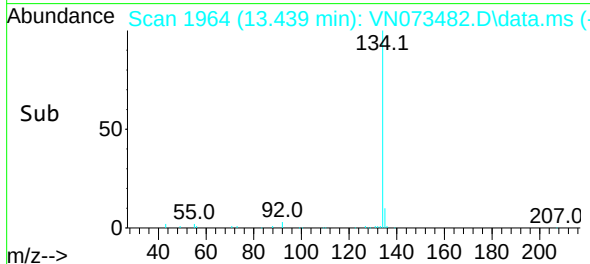
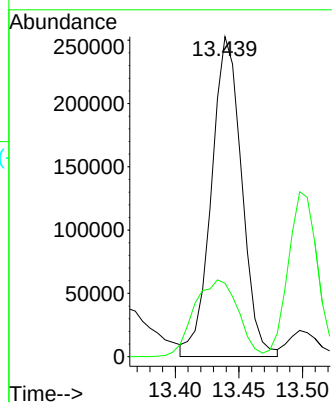
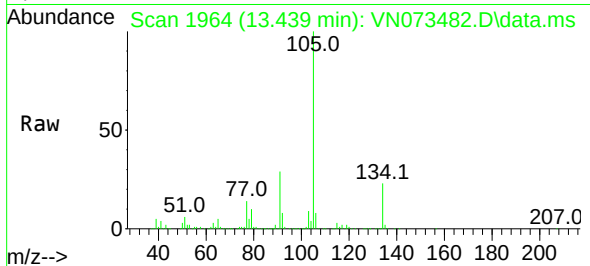
#85
 sec-Butylbenzene
 Concen: 18.628 ug/l m
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073482.D
 Acq: 15 Jul 2022 13:42

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-ANOM

Tgt Ion:105 Resp: 41827
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1

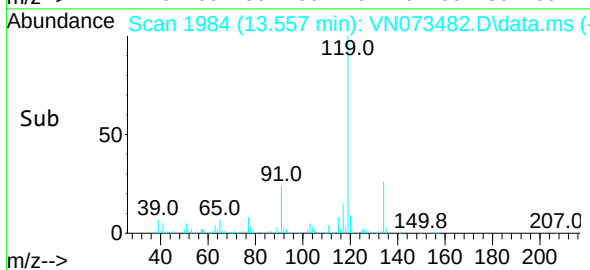
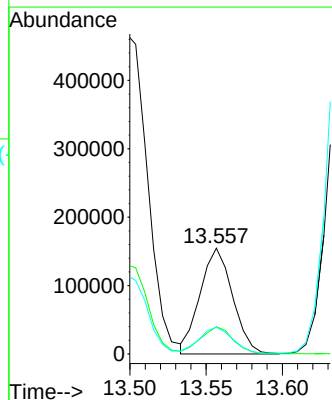
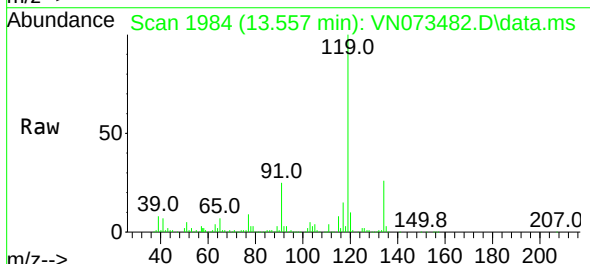
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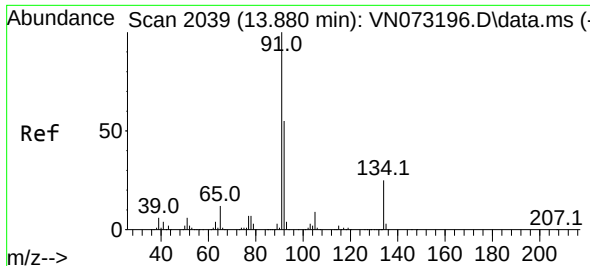
Reviewed By :John Carlone 07/18/2022
 Supervised By :Mahesh Dadoda 07/18/2022



#86
 p-Isopropyltoluene
 Concen: 12.654 ug/l m
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073482.D
 Acq: 15 Jul 2022 13:42

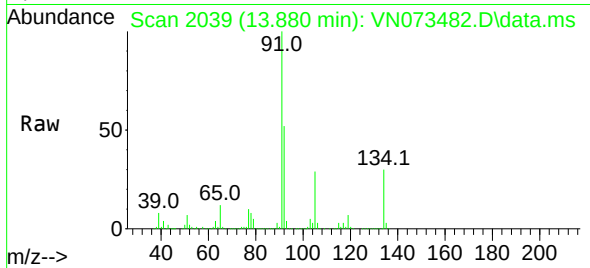
Tgt Ion:119 Resp: 229537
 Ion Ratio Lower Upper
 119 100
 134 90.5 13.3 39.8#
 91 74.4 11.3 33.9#





#89
n-Butylbenzene
Concen: 42.212 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

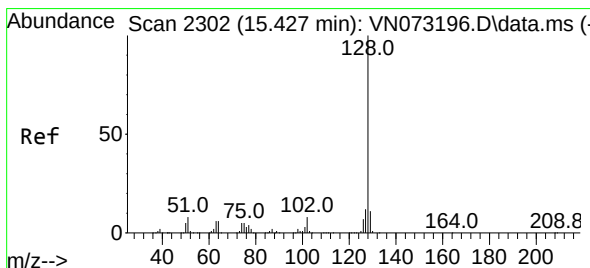
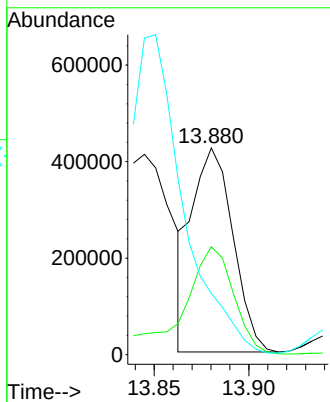
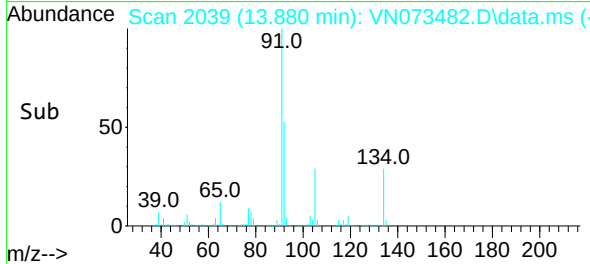
Instrument :
MSVOA_N
ClientSampleId :
TW-ANOM



Tgt Ion: 91 Resp: 63804
Ion Ratio Lower Upper
91 100
92 59.9 26.9 80.7
134 0.0 13.6 40.8

Manual Integrations
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Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#95
Naphthalene
Concen: 857.690 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073482.D
Acq: 15 Jul 2022 13:42

Tgt Ion:128 Resp:17517540
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 11.7 8.6 13.0

