LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082620\
Data File : VN063136.D
Acq On : 26 Aug 2020 16:35
Operator : JC/MD
Sample : L3788-03 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 1794

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.780	607	624	651	rBV2	72702	194857	23.01%	3.925%
2	4.509	834	851	872	rVB3	9634	28996	3.42%	0.584%
3	4.734	902	921	941	rBV3	11121	38608	4.56%	0.778%
4	6.792	1540	1561	1592	rBV2	20691	63686	7.52%	1.283%
5	7.551	1779	1797	1808	rBV2	106956	268205	31.67%	5.403%
6	7.628	1808	1821	1846	rVB	177281	429276	50.69%	8.647%
7	7.988	1917	1933	1960	rBV	112017	264737	31.26%	5.333%
8	8.413	2050	2065	2079	rVB2	3824	8695	1.03%	0.175%
9	8.551	2092	2108	2129	rBV	285130	590990	69.79%	11.905%
10	9.008	2236	2250	2262	rBV	12001	24603	2.91%	0.496%
11	9.397	2357	2371	2389	rVB	37563	75805	8.95%	1.527%
12	10.062	2562	2578	2596	rBV	461930	846838	100.00%	17.059%
13	11.381	2974	2988	3015	rBV	436452	758583	89.58%	15.281%
14	12.377	3286	3298	3319	rBV	337029	568052	67.08%	11.443%
15	13.319	3578	3591	3614	rBV	391502	650707	76.84%	13.108%
16	13.933	3757	3782	3801	rBV3	40705	151536	17.89%	3.053%

Sum of corrected areas: 4964174

LSC Report - Integrated Chromatogram

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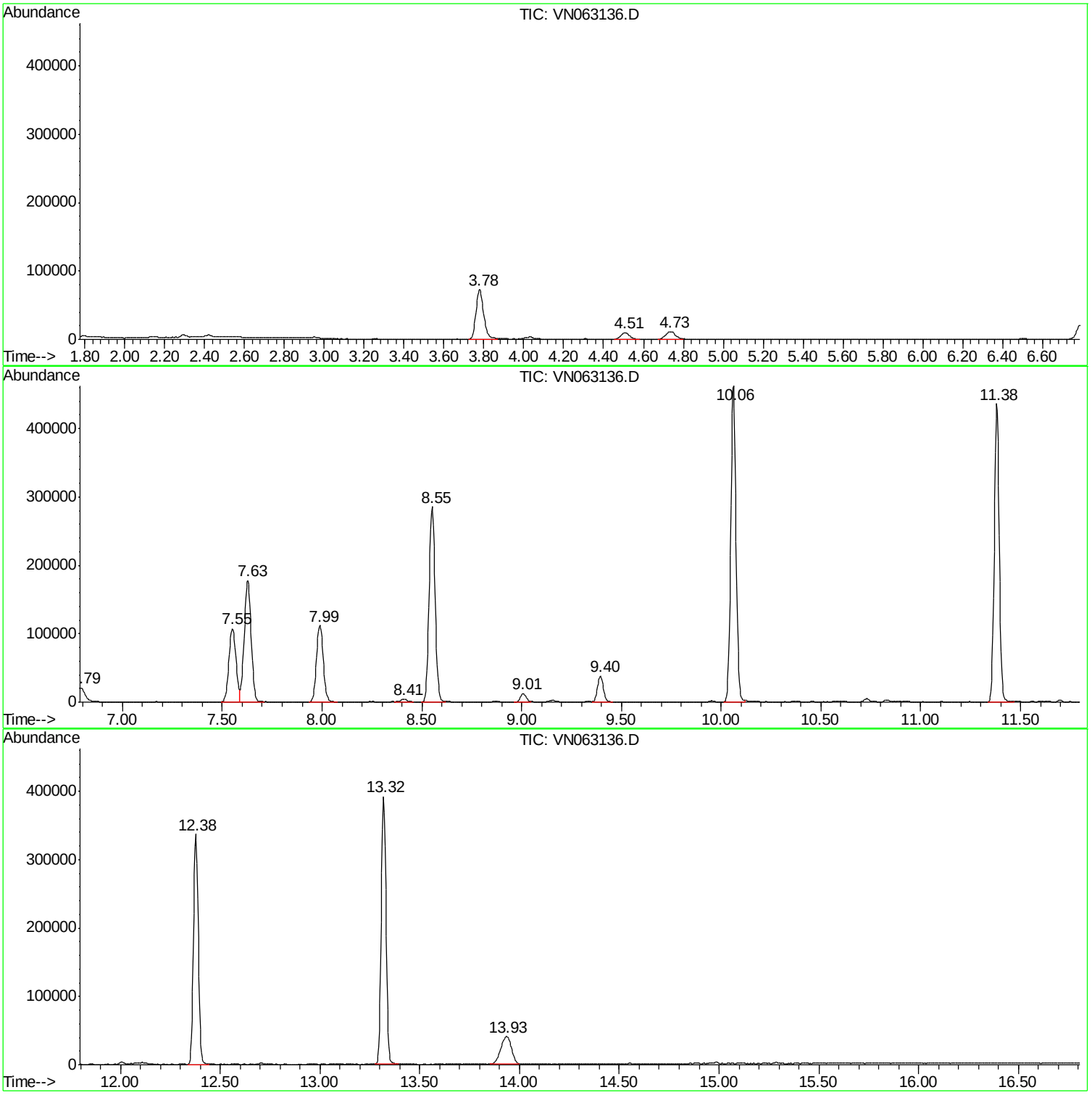
Instrument : MSVOA_N
ClientSampleId : 1794

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Acq On : 26 Aug 2020 16:35
Operator : JC/MD
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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 1794

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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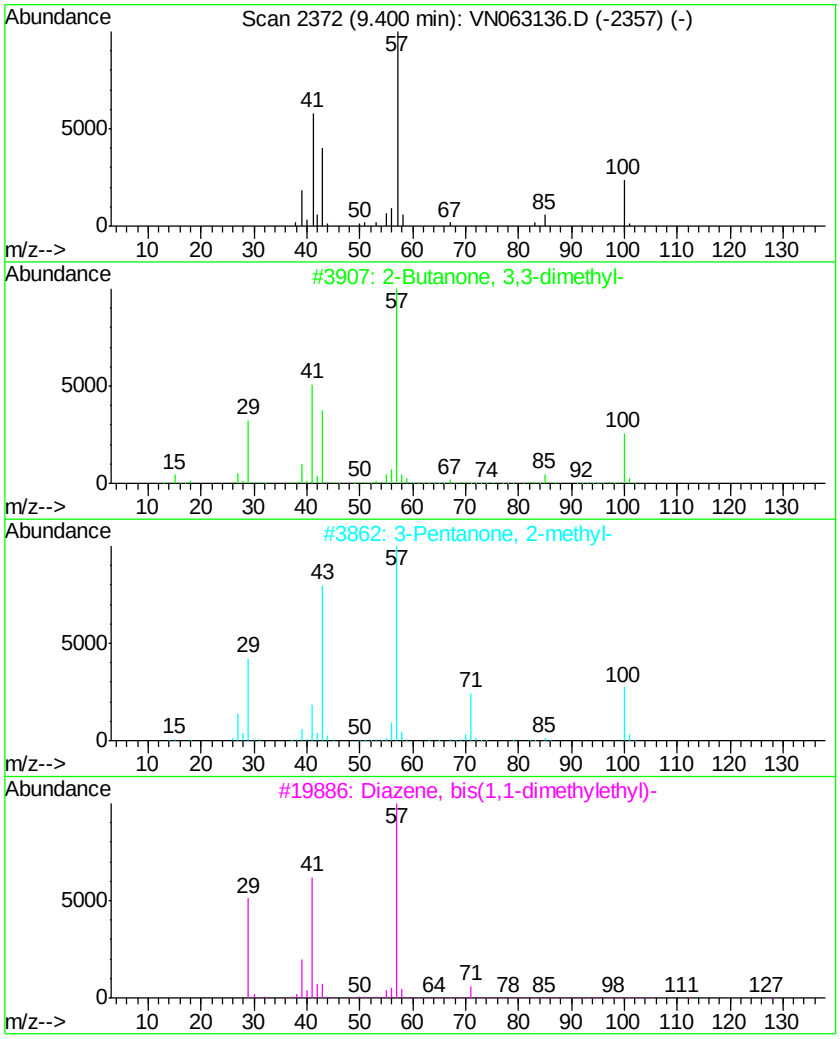
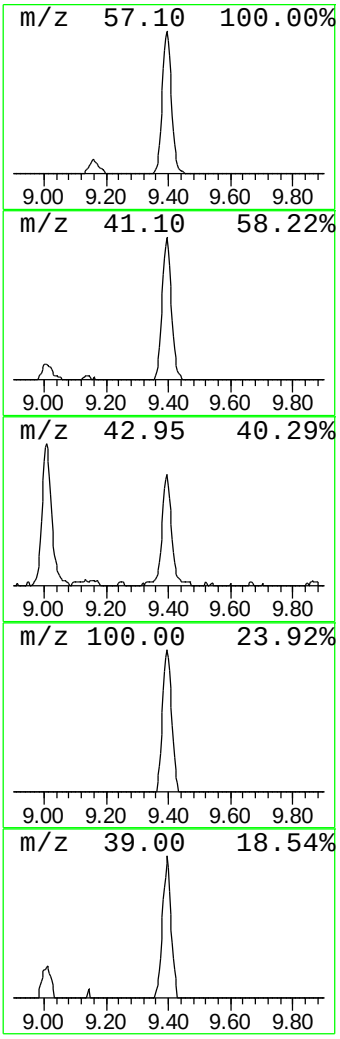
Peak Number 1 2-Butanone, 3,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	6.41 ug/l	75805	1,4-Difluorobenzene	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	91
2	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	64
3	Diazene, bis(1,1-dimethylethyl)-	142	C8H18N2	000927-83-3	47
4	3-Hexanone	100	C6H12O	000589-38-8	40
5	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	40





Library Search Compound Report

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Quant Title : SW846 8260

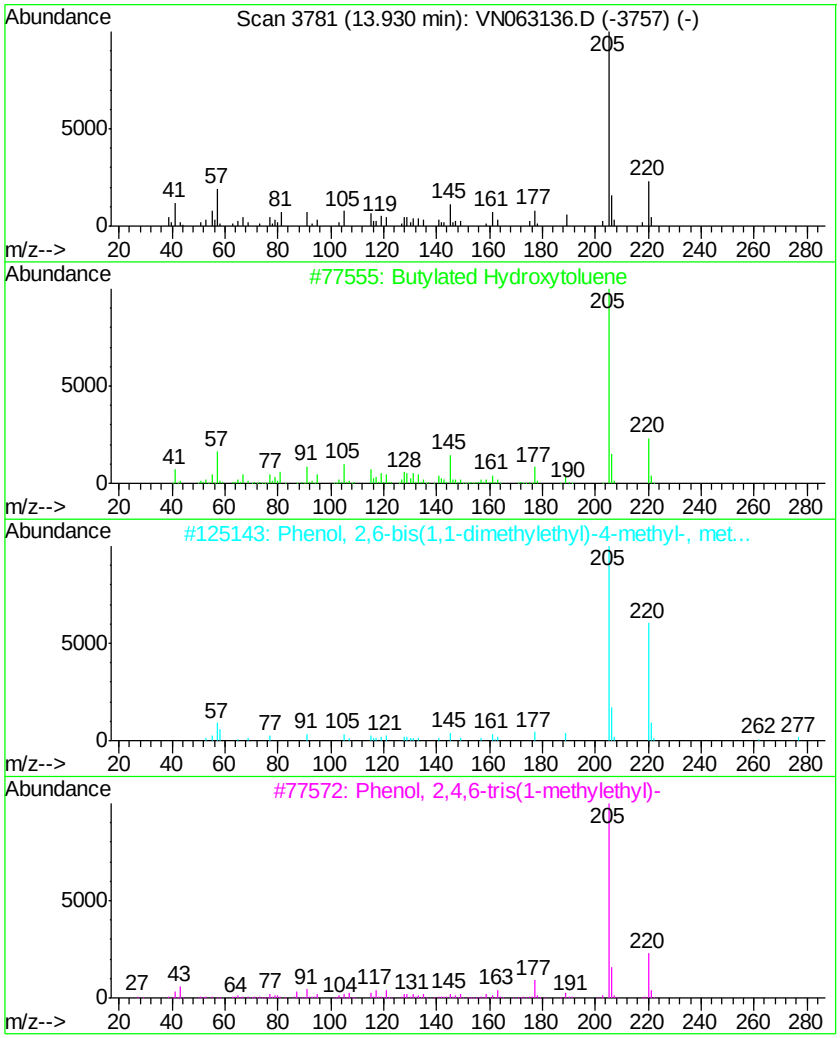
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

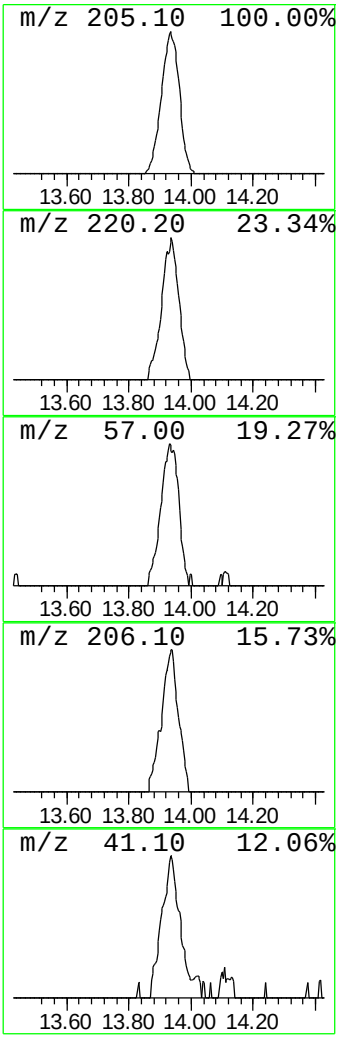
****

Peak Number 2 Butylated Hydroxytoluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	11.64 ug/l	151536	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	97
2	Phenol, 2,6-bis(1,1-dimethylethy...	277	C17H27NO2	001918-11-2	83
3	Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	83
4	Phenol, 4,6-di(1,1-dimethylethyl...	220	C15H24O	000616-55-7	81
5	2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	80





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Butanone, 3,3-d...	9.40	6.4	ug/l	75805	2	8.55	590990	50.0
Butylated Hydroxy...	13.93	11.6	ug/l	151536	4	13.32	650707	50.0