LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
Data File : VX018681.D
Acq On : 30 Sep 2020 01:32
Operator : JC/SP
Sample : L4135-13DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_X\METHOD\SOMXTR092820WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.386	46	49	53	rVB	87783	80862	2.36%	0.735%
2	1.696	94	100	108	rBV2	75437	111646	3.26%	1.015%
3	2.166	172	177	185	rVB	123732	176740	5.16%	1.607%
4	2.343	199	206	215	rBV	167369	261334	7.63%	2.376%
5	3.824	440	449	461	rBV	131461	346940	10.13%	3.155%
6	4.550	558	568	580	rBV2	71168	267740	7.82%	2.435%
7	4.665	580	587	602	rVB3	38691	161423	4.71%	1.468%
8	5.141	655	665	679	rVB3	107389	344510	10.06%	3.133%
9	6.043	800	813	820	rBV3	250382	742488	21.68%	6.752%
10	6.116	820	825	836	rVB	133239	332941	9.72%	3.027%
11	6.830	931	942	956	rBV	250242	606542	17.71%	5.515%
12	7.372	1023	1031	1040	rBV	156198	346946	10.13%	3.155%
13	8.372	1190	1195	1203	rBV2	88860	145122	4.24%	1.320%
14	8.695	1241	1248	1257	rBV	384102	597148	17.43%	5.430%
15	8.994	1292	1297	1306	rBV	64757	102464	2.99%	0.932%
16	9.427	1362	1368	1378	rBV	477141	674038	19.68%	6.129%
17	9.738	1410	1419	1425	rBV	40514	63385	1.85%	0.576%
18	10.122	1472	1482	1496	rVB2	2020692	3425123	100.00%	31.145%
19	10.683	1570	1574	1583	rVB2	44572	78464	2.29%	0.713%
20	11.000	1621	1626	1632	rBV	112796	152503	4.45%	1.387%
21	11.231	1654	1664	1668	rBV	161527	226091	6.60%	2.056%
22	11.341	1675	1682	1688	rVV	62444	94897	2.77%	0.863%
23	11.408	1689	1693	1696	rVB	29177	40095	1.17%	0.365%
24	11.652	1728	1733	1738	rBV	49964	67226	1.96%	0.611%
25	12.060	1795	1800	1807	rBV	530206	709119	20.70%	6.448%
26	12.121	1807	1810	1819	rVB3	58334	79708	2.33%	0.725%
27	12.280	1831	1836	1842	rBV	98430	127115	3.71%	1.156%
28	12.359	1844	1849	1856	rVB	451863	574428	16.77%	5.223%
29	12.652	1890	1897	1901	rBV	40968	60289	1.76%	0.548%

Sum of corrected areas: 10997327

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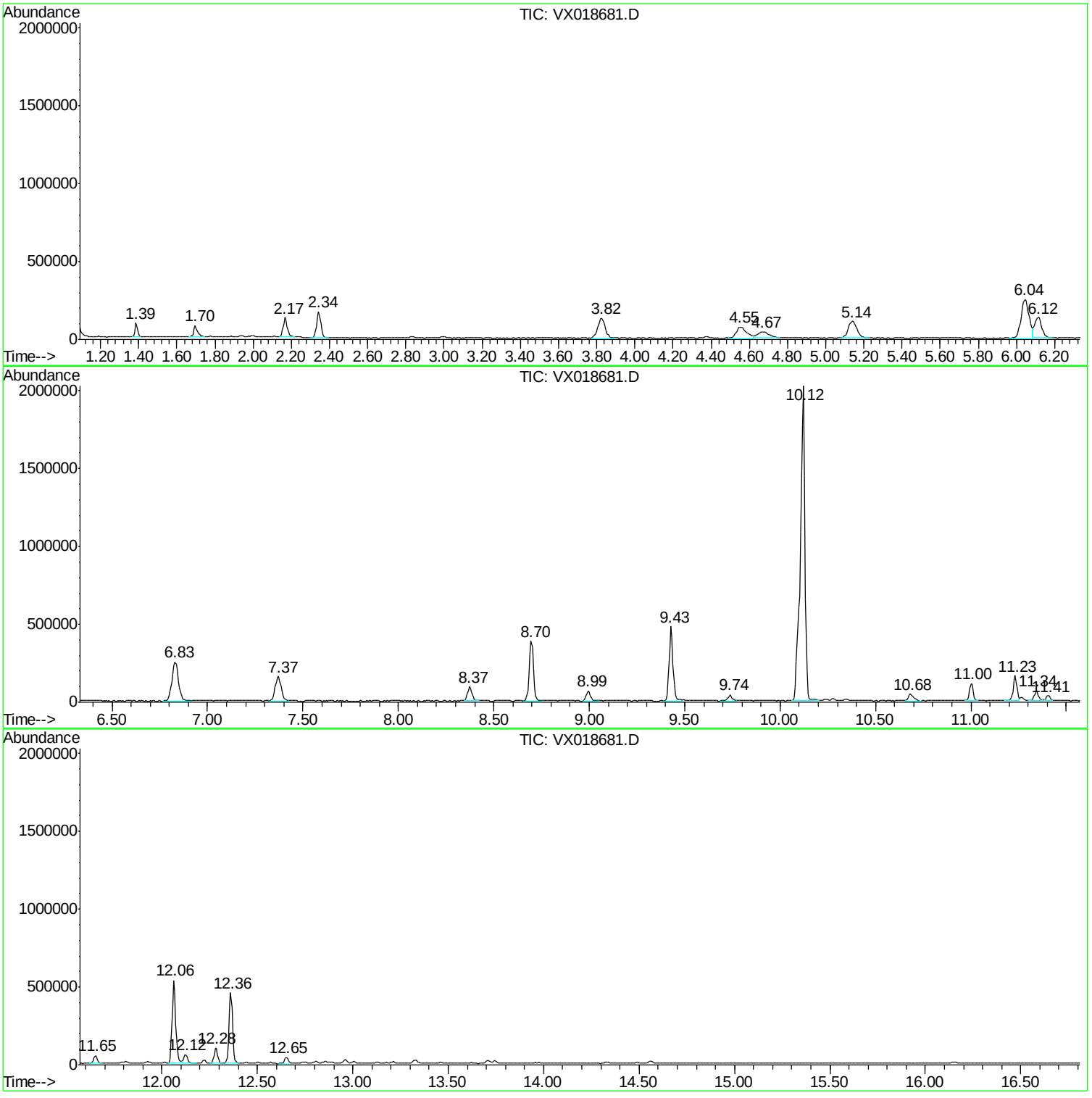
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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



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Peak Number 1 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	1.46 ug/L	176740	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	86
2	Ethyl ether	74	C4H10O	000060-29-7	86
3	Ethyl ether	74	C4H10O	000060-29-7	86
4	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	64
5	Ethyl ether	74	C4H10O	000060-29-7	53

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Peak Number 2 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	2.86 ug/L	346940	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	86
2	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	78
3	Diisopropyl ether	102	C6H14O	000108-20-3	78
4	Diisopropyl ether	102	C6H14O	000108-20-3	72
5	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	64

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Peak Number 3 2-Methyl-1-isopropyl(dimeth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	1.33 ug/L	161423	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-isopropyl(dimethyl)si...	174	C9H22OSi	1000278-74-2	78
2	Silanol, dimethyl(1,1,2-trimethy...	160	C8H20OSi	055644-10-5	72
3	1-Dimethyl(isopropyl)silyloxypen...	188	C10H24OSi	1000278-82-0	43
4	cis-Crotyl alcohol, trimethylsil...	144	C7H16OSi	1000333-02-4	43
5	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	43

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Peak Number 4 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.

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Instrument :
MSVOA_X
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.67 ug/L	94897	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	60
2	Benzene, propyl-	120	C9H12	000103-65-1	60
3	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	47
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	47
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	47

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Peak Number 5 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	0.90 ug/L	127115	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	92
2	Indane	118	C9H10	000496-11-7	70
3	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	52
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	52
5	4H-1,2,4-Triazole-3-thiol, 4-(2,...	259	C14H17N3S	1000362-83-8	50

Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethyl ether	2.17	1.5	ug/L	176740	1	6.83	606542	5.0
Diisopropyl ether	3.82	2.9	ug/L	346940	1	6.83	606542	5.0
2-Methyl-1-isopro...	4.67	1.3	ug/L	161423	1	6.83	606542	5.0
Benzene, propyl-	11.34	0.7	ug/L	94897	3	12.06	709119	5.0
Indane	12.28	0.9	ug/L	127115	3	12.06	709119	5.0