LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071218\
Data File : VW003909.D
Acq On : 12 Jul 2018 20:33
Operator : SY/AP
Sample : J3947-03
Misc : 5.08G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : PAR-2

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_W\METHOD\82W070718S.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	1.807	27	36	57	rVB	4845820	9995856	100.00%	65.655%
2	4.135	408	418	436	rBV	40794	130133	1.30%	0.855%
3	7.885	1023	1033	1038	rBV	126970	296798	2.97%	1.949%
4	7.952	1038	1044	1055	rVB	202136	450274	4.50%	2.957%
5	8.305	1088	1102	1112	rBV	129596	287943	2.88%	1.891%
6	8.842	1180	1190	1204	rBV	307343	613312	6.14%	4.028%
7	10.329	1426	1434	1441	rBV	437628	765289	7.66%	5.027%
8	11.634	1639	1648	1660	rBV	373825	638588	6.39%	4.194%
9	12.622	1803	1810	1819	rBV	255250	423141	4.23%	2.779%
10	13.109	1883	1890	1897	rBV	109290	179961	1.80%	1.182%
11	13.256	1909	1914	1919	rBV	70533	111750	1.12%	0.734%
12	13.567	1959	1965	1974	rVB	266876	461085	4.61%	3.028%
13	13.768	1993	1998	2002	rBV	108778	172655	1.73%	1.134%
14	14.103	2048	2053	2061	rVB	120547	195390	1.95%	1.283%
15	14.219	2066	2072	2078	rBV	105994	182702	1.83%	1.200%
16	14.810	2163	2169	2174	rBV3	93507	215973	2.16%	1.419%
17	15.341	2251	2256	2264	rVB2	59146	104084	1.04%	0.684%

Sum of corrected areas: 15224934

LSC Report - Integrated Chromatogram

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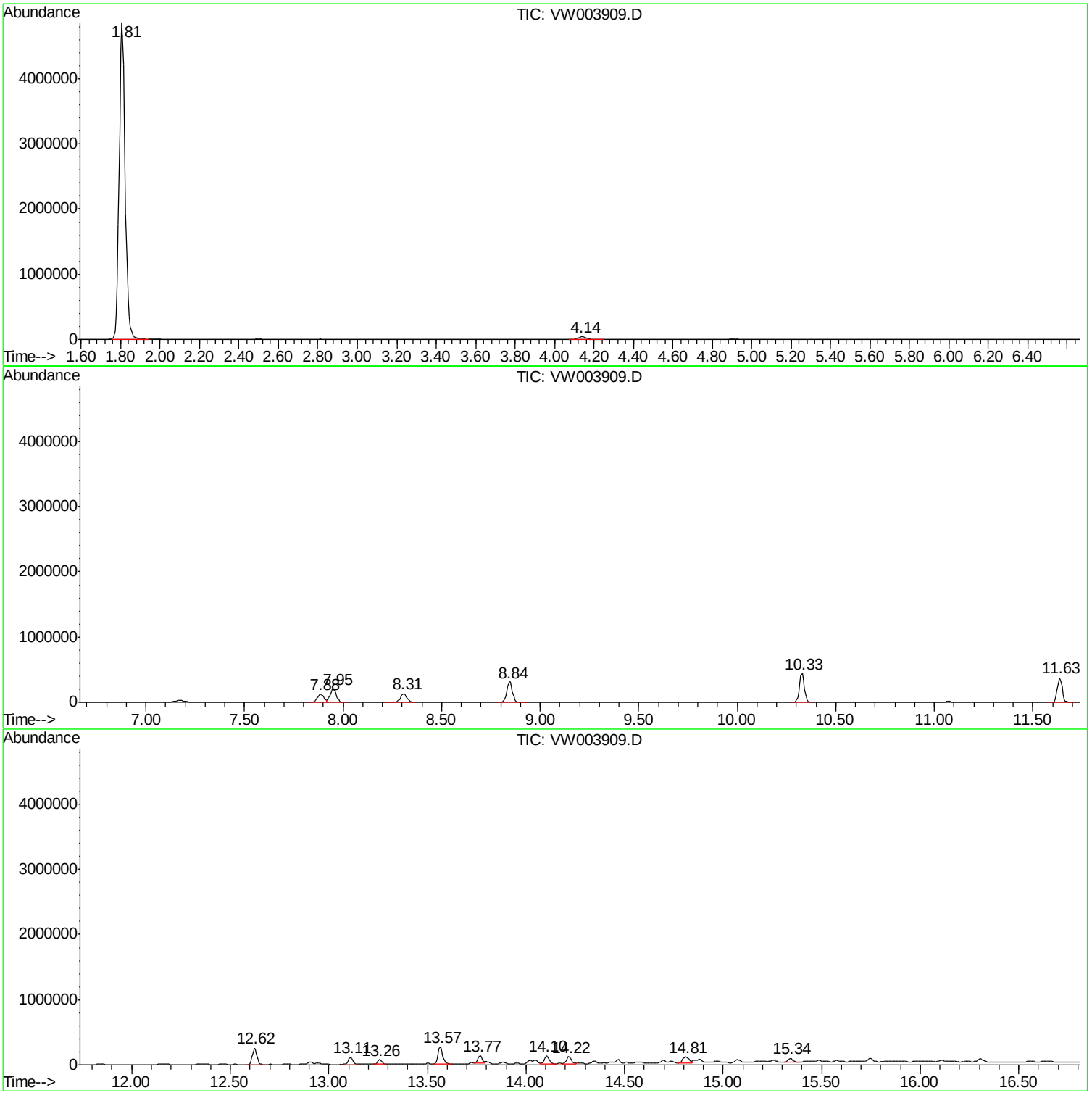
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

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



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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	19.51 ug/l	179961	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91

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Peak Number 2 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	18.72 ug/l	172655	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	64
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	62
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	62
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59

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Peak Number 3 p-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	21.19 ug/l	195390	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94

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Peak Number 4 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

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

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Instrument : MSVOA_W
ClientSampleId : PAR-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	19.81 ug/l	182702	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	78
4	Indan, 1-methyl-	132	C10H12	000767-58-8	76
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	72

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Peak Number 5 Benzene, 1-methyl-2-(2-prop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	23.42 ug/l	215973	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	50
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	50
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	50

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Peak Number 6 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	11.29 ug/l	104084	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
3	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	64
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
5	3-Bromooctane	192	C8H17Br	000999-64-4	58

Tentatively Identified Compound (LSC) summary

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ClientSampleId : PAR-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.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
Benzene, 1-ethyl-...	13.11	19.5	ug/l	179961	4	13.57	461085	50.0
Indane	13.77	18.7	ug/l	172655	4	13.57	461085	50.0
p-Cymene	14.10	21.2	ug/l	195390	4	13.57	461085	50.0
Benzene, 1-etheny...	14.22	19.8	ug/l	182702	4	13.57	461085	50.0
Benzene, 1-methyl...	14.81	23.4	ug/l	215973	4	13.57	461085	50.0
Octane, 2,6-dimet...	15.34	11.3	ug/l	104084	4	13.57	461085	50.0