LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030220\
Data File : VX015066.D
Acq On : 02 Mar 2020 12:22
Operator : JC/SP
Sample : L1724-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : A2828

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_X\METHOD\82X021020W.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	1.070	26	30	41	rBV	886468	1107845	2.37%	1.273%
2	4.319	555	563	578	rVB	179337	481830	1.03%	0.553%
3	5.484	743	754	768	rBV	240082	683187	1.46%	0.785%
4	5.648	771	781	797	rVB	409196	1118192	2.39%	1.284%
5	6.051	835	847	856	rBV	261321	681484	1.46%	0.783%
6	6.849	968	978	991	rVB	635349	1468985	3.14%	1.687%
7	8.709	1276	1283	1290	rBV	1292420	1921097	4.11%	2.207%
8	10.105	1507	1512	1521	rBV	1321972	1784987	3.82%	2.050%
9	11.129	1675	1680	1692	rVB	1193394	1584938	3.39%	1.821%
10	11.562	1748	1751	1758	rVB	449429	513587	1.10%	0.590%
11	12.025	1817	1827	1831	rBV	39212583	46784766	100.00%	53.742%
12	12.074	1831	1835	1841	rVV2	1608410	2271295	4.85%	2.609%
13	12.263	1862	1866	1868	rBV	541667	701989	1.50%	0.806%
14	12.288	1868	1870	1874	rVB2	670780	714038	1.53%	0.820%
15	12.470	1892	1900	1904	rBV	510947	614590	1.31%	0.706%
16	12.574	1913	1917	1920	rBV2	366016	476881	1.02%	0.548%
17	13.318	2034	2039	2042	rBV	1361549	1669322	3.57%	1.918%
18	13.470	2061	2064	2073	rVB4	419880	835054	1.78%	0.959%
19	13.787	2112	2116	2119	rVV3	547210	935182	2.00%	1.074%
20	13.897	2129	2134	2139	rVV3	895151	1802403	3.85%	2.070%
21	13.940	2139	2141	2151	rVB6	337790	784357	1.68%	0.901%
22	14.086	2161	2165	2169	rBV	3319005	3559862	7.61%	4.089%
23	14.281	2192	2197	2201	rVB2	370177	658346	1.41%	0.756%
24	14.458	2222	2226	2228	rBV2	402679	526922	1.13%	0.605%
25	14.525	2234	2237	2239	rBV2	424966	548459	1.17%	0.630%
26	14.549	2239	2241	2248	rVB2	713419	1154831	2.47%	1.327%
27	14.616	2248	2252	2256	rBV	504097	646709	1.38%	0.743%
28	14.665	2256	2260	2267	rBV2	1306535	1694250	3.62%	1.946%
29	14.805	2279	2283	2287	rBV	3882940	4049304	8.66%	4.651%
30	14.848	2287	2290	2293	rVB3	454684	528994	1.13%	0.608%
31	15.159	2336	2341	2344	rBV2	420669	692423	1.48%	0.795%
32	15.269	2355	2359	2363	rVB	1345187	1657699	3.54%	1.904%
33	15.336	2367	2370	2374	rVB	514282	662186	1.42%	0.761%
34	15.555	2401	2406	2412	rVB	1254399	1739133	3.72%	1.998%

LSC Area Percent Report

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Instrument : MSVOA_X
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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_X\METHOD\82X021020W.M
Title : SW846 8260

Sum of corrected areas: 87055127

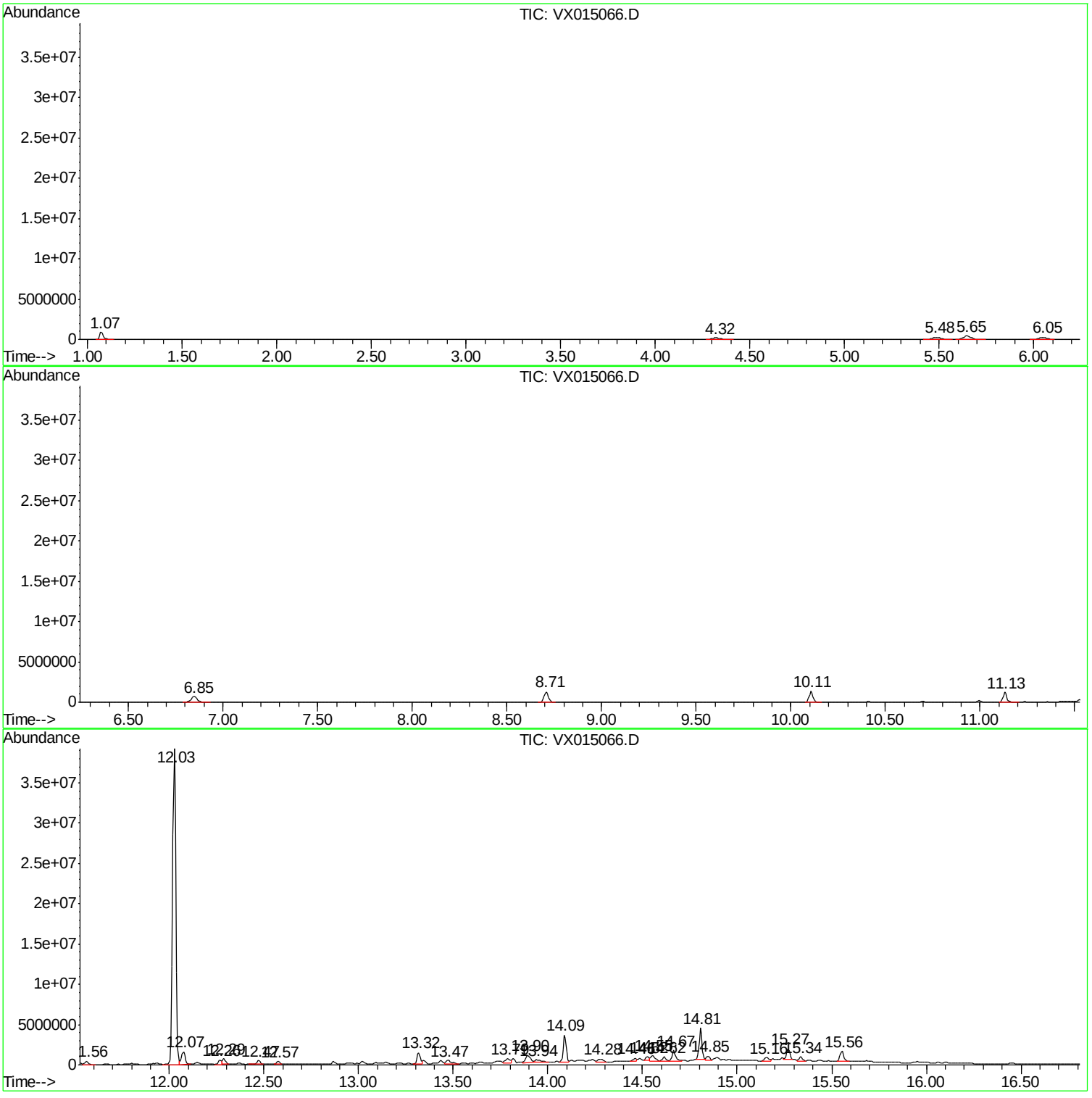
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030220\
Data File : VX015066.D
Acq On : 02 Mar 2020 12:22
Operator : JC/SP
Sample : L1724-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : A2828

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

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

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Peak Number 1 Butanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	21.55 ug/l	481830	Pentafluorobenzene	5.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	94
2	Ethene, ethoxy-	72	C4H8O	000109-92-2	52
3	Ethylamine, N-methyl-N-hexadecyl-	283	C19H41N	066997-40-8	43
4	Propanal, 2-methyl-	72	C4H8O	000078-84-2	38
5	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	38

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Peak Number 2 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	36.75 ug/l	1669320	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	96
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	83
5	Decane, 2-methyl-	156	C11H24	006975-98-0	81

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Peak Number 3 Tridecane, 7-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	39.68 ug/l	1802400	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	87
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
3	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	68
4	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	64
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64

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Peak Number 4 Tetradecane Concentration Rank 2

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : A2828

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260

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

14.09	78.37 ug/l	3559860	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Tridecane	184	C13H28	000629-50-5	96
3	Nonadecane	268	C19H40	000629-92-5	94
4	Hexadecane	226	C16H34	000544-76-3	91
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	83

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Peak Number 5 Tridecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	25.42 ug/l	1154830	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
2	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	72
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	64
4	1-Iodoundecane	282	C11H23I	004282-44-4	59
5	Octadecane	254	C18H38	000593-45-3	53

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Peak Number 6 Nonane, 3,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	37.30 ug/l	1694250	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
2	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	64
3	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	64
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58

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Peak Number 7 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	36.49 ug/l	1657700	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : A2828

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260

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

1	Hexadecane	226	C16H34	000544-76-3	93
2	Dodecane	170	C12H26	000112-40-3	90
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	90
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
5	Tetradecane	198	C14H30	000629-59-4	90

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Peak Number 8 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	38.29 ug/l	1739130	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	97
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane	184	C13H28	000629-50-5	86
5	Decane, 3-methyl-	156	C11H24	013151-34-3	74

Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butanal	4.32	21.6	ug/l	481830	1	5.65	1118190	50.0
Dodecane	13.32	36.8	ug/l	1669320	4	12.07	2271300	50.0
Tridecane, 7-methyl-	13.90	39.7	ug/l	1802400	4	12.07	2271300	50.0
Tetradecane	14.09	78.4	ug/l	3559860	4	12.07	2271300	50.0
Tridecane, 2-methyl-	14.55	25.4	ug/l	1154830	4	12.07	2271300	50.0
Nonane, 3,7-dimet...	14.67	37.3	ug/l	1694250	4	12.07	2271300	50.0
Hexadecane	15.27	36.5	ug/l	1657700	4	12.07	2271300	50.0
Pentadecane	15.56	38.3	ug/l	1739130	4	12.07	2271300	50.0