LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
Data File : VU030006.D
Acq On : 12 Mar 2019 14:03
Operator : JC/SP
Sample : VU0314WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0314WBL01

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_U\METHOD\524U031419DW.M
Title : METHOD 524.2 VOLATILES DRINKING WATER

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.322	381	383	396	rVB7	2029	2719	2.00%	0.423%
2	2.473	425	430	431	rBV4	2309	1977	1.46%	0.308%
3	2.698	495	500	509	rVB3	7261	11238	8.28%	1.749%
4	4.238	965	979	991	rBV2	6297	16482	12.14%	2.565%
5	4.756	1131	1140	1150	rBV5	2569	6652	4.90%	1.035%
6	5.739	1434	1446	1467	rBV2	59190	126066	92.85%	19.618%
7	6.186	1579	1585	1590	rVB4	1241	1389	1.02%	0.216%
8	7.473	1976	1985	1995	rBV4	4482	8319	6.13%	1.295%
9	7.974	2126	2141	2146	rBV2	2607	6578	4.84%	1.024%
10	8.177	2190	2204	2216	rBV	43342	89094	65.62%	13.864%
11	8.620	2332	2342	2361	rBV2	22136	39495	29.09%	6.146%
12	9.379	2571	2578	2588	rVB3	1700	3187	2.35%	0.496%
13	10.308	2857	2867	2891	rBV	53075	91977	67.74%	14.313%
14	10.453	2904	2912	2916	rBV4	1363	1724	1.27%	0.268%
15	10.604	2944	2959	2968	rBV4	18467	38237	28.16%	5.950%
16	10.781	3006	3014	3020	rVB3	1323	1840	1.36%	0.286%
17	10.878	3032	3044	3051	rBV7	3171	5770	4.25%	0.898%
18	11.099	3104	3113	3121	rVB4	1702	2789	2.05%	0.434%
19	11.151	3121	3129	3135	rBV6	1267	2008	1.48%	0.312%
20	11.324	3179	3183	3188	rBV2	1486	1582	1.17%	0.246%
21	11.418	3206	3212	3213	rBV	2058	1693	1.25%	0.263%
22	11.482	3225	3232	3234	rBV6	4293	4699	3.46%	0.731%
23	11.858	3337	3349	3373	rBV2	71804	135770	100.00%	21.128%
24	12.479	3529	3542	3554	rVB2	5875	11928	8.79%	1.856%
25	13.119	3736	3741	3751	rVB4	2021	2700	1.99%	0.420%
26	13.385	3819	3824	3832	rVB3	850	1436	1.06%	0.223%
27	13.511	3855	3863	3876	rVB8	3996	6651	4.90%	1.035%
28	13.688	3911	3918	3925	rBV7	4015	5287	3.89%	0.823%
29	13.752	3929	3938	3945	rBV5	2180	3744	2.76%	0.583%
30	13.987	4001	4011	4013	rBV2	4359	4424	3.26%	0.688%
31	14.273	4092	4100	4113	rBV5	2743	5162	3.80%	0.803%

Sum of corrected areas: 642617

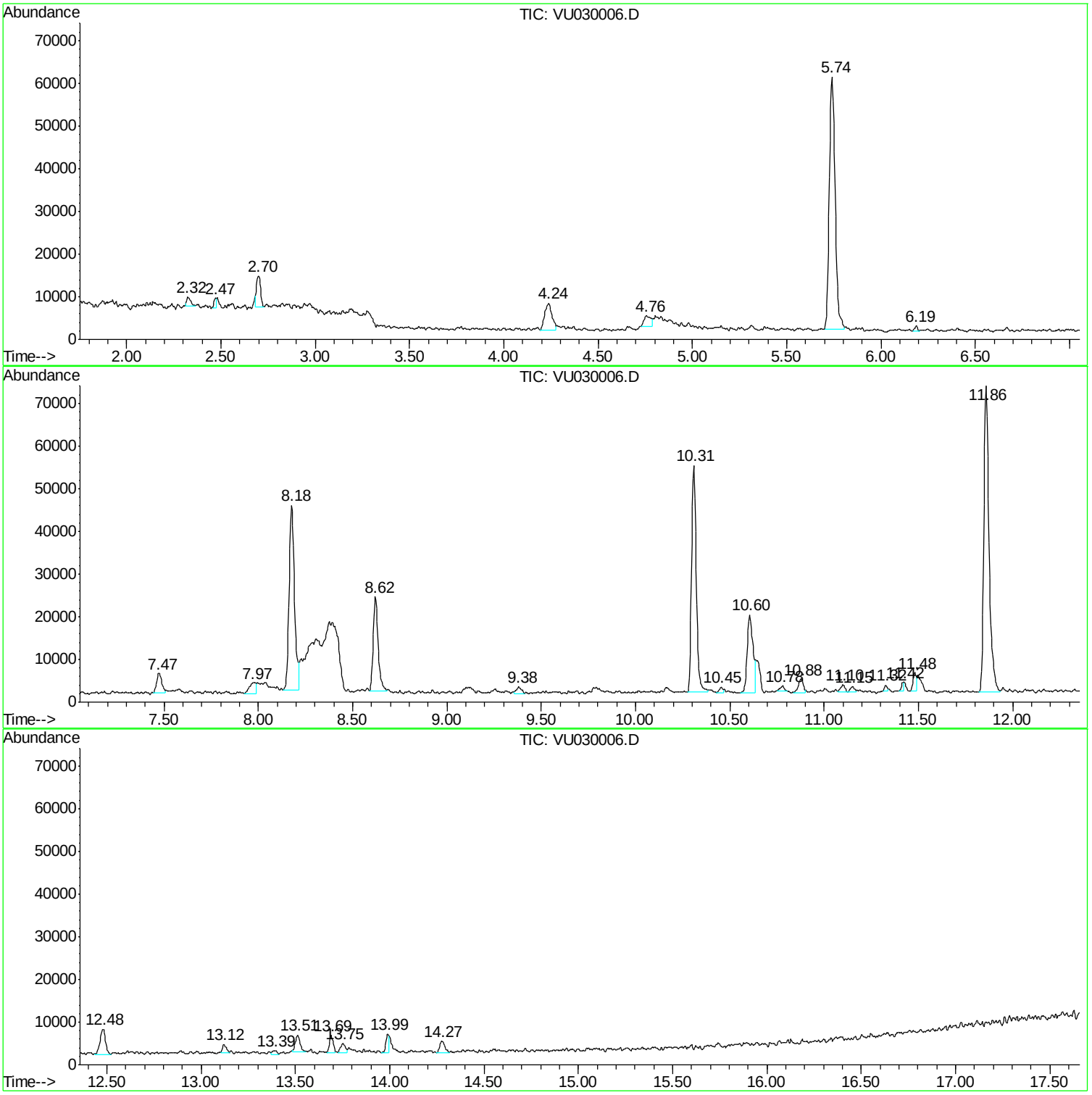
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
Data File : VU030006.D
Acq On : 12 Mar 2019 14:03
Operator : JC/SP
Sample : VU0314WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0314WBL01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
Data File : VU030006.D
Acq On : 12 Mar 2019 14:03
Operator : JC/SP
Sample : VU0314WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0314WBL01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	0.71 ug/l	89094	Fluorobenzene	5.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	86
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	80
4	Anthracene, 9,10-diethyl-9,10-di...	236	C18H20	046868-29-5	39
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39

****

Peak Number 2 5-Methylthieno[3,2-b]pyridine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	0.31 ug/l	39495	Fluorobenzene	5.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methylthieno[3,2-b]pyridine	149	C8H7NS	001759-29-1	25
2	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	25
3	3-Amino-5-(2-furyl)pyrazole	149	C7H7N3O	096799-02-9	16
4	Benzoxazole, 2-methyl-	133	C8H7NO	000095-21-6	16
5	1H-Benzimidazol-2-amine	133	C7H7N3	000934-32-7	16

****

Peak Number 3 Cyclotetrasiloxane, octamet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	0.30 ug/l	38237	Fluorobenzene	5.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
3	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	53
4	3,6-Bis(N-dimethylamino)-9-ethyl...	281	C18H23N3	057103-04-5	50
5	Benzoic acid, 5-methyl-2-trimeth...	296	C14H24O3Si2	1000153-59-4	45

Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
Data File : VU030006.D
Acq On : 12 Mar 2019 14:03
Operator : JC/SP
Sample : VU0314WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0314WBL01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclotrisiloxane,...	8.18	0.7	ug/l	89094	1	5.74	126066	1.0
5-Methylthieno[3,...	8.62	0.3	ug/l	39495	1	5.74	126066	1.0
Cyclotetrasiloxan...	10.60	0.3	ug/l	38237	1	5.74	126066	1.0