LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061418\
Data File : VN049226.D
Acq On : 14 Jun 2018 14:33
Operator : MD\SY
Sample : J3435-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW4

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\82N061318W.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	1.661	3	22	49	rBV	3597948	5424653	4.16%	0.888%
2	2.018	115	133	161	rBV	4568009	7073696	5.42%	1.157%
3	2.182	170	184	199	rBV	11492092	16440435	12.60%	2.690%
4	2.802	359	377	410	rBV4	66843822	130490603	100.00%	21.351%
5	3.133	466	480	520	rVB	5738657	12423442	9.52%	2.033%
6	3.313	521	536	555	rVB	1054231	2310011	1.77%	0.378%
7	3.471	558	585	598	rBV3	488621	1345118	1.03%	0.220%
8	3.561	598	613	637	rVB	992043	2404726	1.84%	0.393%
9	3.796	663	686	717	rVB	990880	3152826	2.42%	0.516%
10	4.420	852	880	894	rBV6	449431	1637961	1.26%	0.268%
11	4.532	895	915	920	rBV3	2332630	6560205	5.03%	1.073%
12	5.053	1042	1077	1114	rBV	4128268	14819519	11.36%	2.425%
13	6.159	1407	1421	1440	rVV	475532	1470220	1.13%	0.241%
14	6.628	1546	1567	1589	rBV	5366072	16428789	12.59%	2.688%
15	7.657	1872	1887	1902	rVV4	2711834	7680323	5.89%	1.257%
16	7.744	1903	1914	1937	rVB3	887220	2549956	1.95%	0.417%
17	7.876	1939	1955	1966	rBV	777348	1913038	1.47%	0.313%
18	8.040	1989	2006	2024	rBV3	997871	2577078	1.97%	0.422%
19	8.165	2026	2045	2056	rBV9	1949950	5898020	4.52%	0.965%
20	8.304	2078	2088	2109	rVB2	983648	2350805	1.80%	0.385%
21	8.587	2159	2176	2198	rBV	1585935	3842796	2.94%	0.629%
22	9.082	2300	2330	2344	rBV3	2804908	7932912	6.08%	1.298%
23	10.091	2630	2644	2654	rBV	2342999	4601619	3.53%	0.753%
24	10.156	2654	2664	2677	rVB	4951182	8929222	6.84%	1.461%
25	11.410	3040	3054	3071	rBV	2184864	4039025	3.10%	0.661%
26	11.512	3072	3086	3106	rVV2	37865311	64548595	49.47%	10.561%
27	11.625	3106	3121	3144	rVB2	31754848	60344079	46.24%	9.873%
28	11.950	3201	3222	3242	rBV	3366659	5860003	4.49%	0.959%
29	12.252	3303	3316	3337	rVB	3657788	5882413	4.51%	0.962%
30	12.403	3351	3363	3379	rBV	1779769	3000466	2.30%	0.491%
31	12.593	3410	3422	3432	rBV	5686075	9169694	7.03%	1.500%
32	12.657	3432	3442	3447	rVV	6139721	9792844	7.50%	1.602%
33	12.689	3447	3452	3459	rVV	6171697	9524576	7.30%	1.558%
34	12.734	3459	3466	3483	rVB	7052458	10934828	8.38%	1.789%

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Title : SW846 8260

35	12.895	3502	3516	3531	rBV	5729248	9398563	7.20%	1.538%
36	13.043	3541	3562	3584	rVB	9515550	15518177	11.89%	2.539%
37	13.172	3585	3602	3613	rBV3	563560	1311202	1.00%	0.215%
38	13.345	3646	3656	3661	rBV	2165216	3582102	2.75%	0.586%
39	13.377	3662	3666	3677	rVB	2069395	2856307	2.19%	0.467%
40	13.545	3697	3718	3728	rBV	25242465	45165371	34.61%	7.390%
41	13.734	3766	3777	3788	rVB2	1007476	2142154	1.64%	0.350%
42	13.805	3788	3799	3816	rBV	2574220	5051627	3.87%	0.827%
43	13.892	3816	3826	3835	rVV	4441924	6712355	5.14%	1.098%
44	13.950	3835	3844	3850	rVV	1645490	2565450	1.97%	0.420%
45	13.998	3850	3859	3872	rVB	8525959	13302274	10.19%	2.177%
46	14.213	3910	3926	3932	rBV	2331947	3831006	2.94%	0.627%
47	14.252	3932	3938	3947	rVB	2354701	3370791	2.58%	0.552%
48	14.477	3998	4008	4019	rBV	4531225	7091822	5.43%	1.160%
49	14.596	4031	4045	4057	rBV3	10803339	19577709	15.00%	3.203%
50	14.660	4057	4065	4076	rVB4	766720	1304951	1.00%	0.214%
51	14.744	4080	4091	4106	rBV2	1072012	1788044	1.37%	0.293%
52	14.853	4107	4125	4131	rBV3	1246998	2768177	2.12%	0.453%
53	14.959	4146	4158	4170	rVB2	1277431	2779499	2.13%	0.455%
54	15.136	4193	4213	4225	rBV	4381570	7702155	5.90%	1.260%

Sum of corrected areas: 611174232

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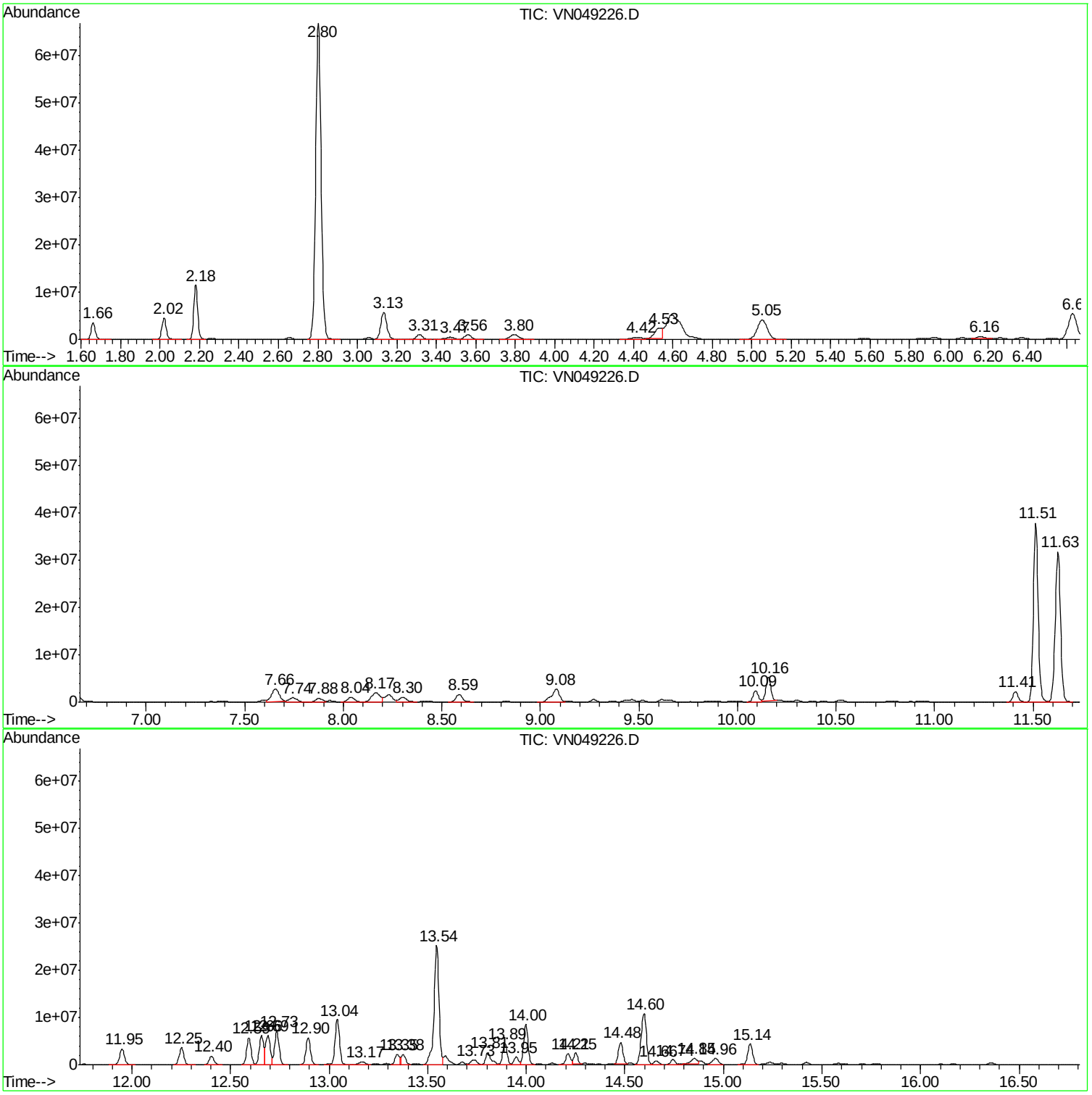
Instrument : MSVOA_N
ClientSampleId : MW4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
Quant Title : SW846 8260

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



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Peak Number 1 Butane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	107.03 ug/l	16440400	Pentafluorobenzene	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	72
2	Isobutane	58	C4H10	000075-28-5	9
3	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
4	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9
5	Diazene, dimethyl-	58	C2H6N2	000503-28-6	5

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Peak Number 2 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.80	849.51 ug/l	130491000	Pentafluorobenzene	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	87
2	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	38
3	Oxirane, trimethyl-	86	C5H10O	005076-19-7	32
4	2-Butene, (Z)-	56	C4H8	000590-18-1	27
5	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	27

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Peak Number 3 Pentane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	96.48 ug/l	14819500	Pentafluorobenzene	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	74
3	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	42
4	Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	40
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	40

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Peak Number 4 Cyclopentane, methyl- Concentration Rank 8

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

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.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.
6.63	106.95 ug/l	16428800	Pentafluorobenzene	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclohexane	84	C6H12	000110-82-7	78
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Cyclobutane	56	C4H8	000287-23-0	53

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	136.69 ug/l	9792840	1,4-Dichlorobenzene-d4	13.35

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-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91

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Peak Number 6 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	630.43 ug/l	45165400	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53

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Peak Number 7 Indan, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	185.68 ug/l	13302300	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
Quant Title : SW846 8260

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

1	Indan, 1-methyl-	132	C10H12	000767-58-8 93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4 90
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0 87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0 87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3 83

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Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	98.99 ug/l	7091820	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90

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Peak Number 9 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	273.27 ug/l	19577700	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90

Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane	2.18	107.0	ug/l	16440400	1	7.67	7680320	50.0
Butane, 2-methyl-	2.80	849.5	ug/l	130491000	1	7.67	7680320	50.0
Pentane, 3-methyl-	5.05	96.5	ug/l	14819500	1	7.67	7680320	50.0
Cyclopentane, met...	6.63	107.0	ug/l	16428800	1	7.67	7680320	50.0
Benzene, 1-ethyl-...	12.66	136.7	ug/l	9792840	4	13.35	3582100	50.0
Indane	13.54	630.4	ug/l	45165400	4	13.35	3582100	50.0
Indan, 1-methyl-	14.00	185.7	ug/l	13302300	4	13.35	3582100	50.0
Benzene, 2-etheny...	14.48	99.0	ug/l	7091820	4	13.35	3582100	50.0
1H-Indene, 2,3-di...	14.60	273.3	ug/l	19577700	4	13.35	3582100	50.0