LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073018\
Data File : VN050192.D
Acq On : 30 Jul 2018 17:13
Operator : MD\SY
Sample : J4221-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-22

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\82N072418W.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	1.664	3	23	57	rBV	5698776	8820017	100.00%	24.078%
2	5.053	1055	1077	1099	rVB4	30908	113009	1.28%	0.309%
3	7.593	1847	1867	1879	rBV2	524100	1324229	15.01%	3.615%
4	7.667	1879	1890	1910	rVB	750182	1762787	19.99%	4.812%
5	8.030	1985	2003	2026	rBV2	529391	1233724	13.99%	3.368%
6	8.246	2038	2070	2072	rBV5	142201	490066	5.56%	1.338%
7	8.587	2161	2176	2214	rVB	1136677	2373679	26.91%	6.480%
8	10.095	2629	2645	2677	rBV	1998357	3733799	42.33%	10.193%
9	11.410	3039	3054	3073	rBV	1460570	2573052	29.17%	7.024%
10	11.924	3199	3214	3219	rBV6	39919	89266	1.01%	0.244%
11	12.252	3306	3316	3328	rVB	200513	337793	3.83%	0.922%
12	12.403	3350	3363	3377	rBV	1317851	2174346	24.65%	5.936%
13	12.593	3405	3422	3432	rVB	219814	441850	5.01%	1.206%
14	13.172	3590	3602	3611	rBV2	110032	213142	2.42%	0.582%
15	13.345	3644	3656	3675	rBV	1343443	2335067	26.47%	6.375%
16	13.545	3700	3718	3729	rVV	1158288	2111643	23.94%	5.765%
17	13.596	3729	3734	3746	rVV2	60859	118800	1.35%	0.324%
18	13.670	3746	3757	3767	rVB4	160129	298858	3.39%	0.816%
19	13.892	3816	3826	3835	rVB	323151	485605	5.51%	1.326%
20	13.946	3836	3843	3849	rBV2	69444	107189	1.22%	0.293%
21	13.995	3849	3858	3868	rVB3	320376	527948	5.99%	1.441%
22	14.133	3889	3901	3907	rBV2	59220	108722	1.23%	0.297%
23	14.210	3908	3925	3942	rVB	237904	522932	5.93%	1.428%
24	14.419	3983	3990	4001	rVB4	64676	125778	1.43%	0.343%
25	14.477	4001	4008	4018	rBV4	72505	116798	1.32%	0.319%
26	14.586	4031	4042	4055	rBV4	613654	1237020	14.03%	3.377%
27	14.654	4056	4063	4073	rVB6	79215	140834	1.60%	0.384%
28	14.853	4118	4125	4131	rBV3	74078	101823	1.15%	0.278%
29	14.956	4150	4157	4169	rVB5	143764	291700	3.31%	0.796%
30	15.136	4195	4213	4223	rBV	515107	915454	10.38%	2.499%
31	15.191	4223	4230	4239	rVB	139276	210206	2.38%	0.574%
32	15.615	4355	4362	4378	rVB2	127032	219692	2.49%	0.600%
33	15.917	4443	4456	4469	rBV	156827	312320	3.54%	0.853%
34	16.104	4505	4514	4524	rBV3	64816	129431	1.47%	0.353%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN073018\
Data File : VN050192.D
Acq On : 30 Jul 2018 17:13
Operator : MD\SY
Sample : J4221-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-22

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\82N072418W.M
Title : SW846 8260

35	16.168	4525	4534	4547	rBV5	83124	174889	1.98%	0.477%
36	16.358	4580	4593	4605	rBV	151616	357606	4.05%	0.976%

Sum of corrected areas: 36631074

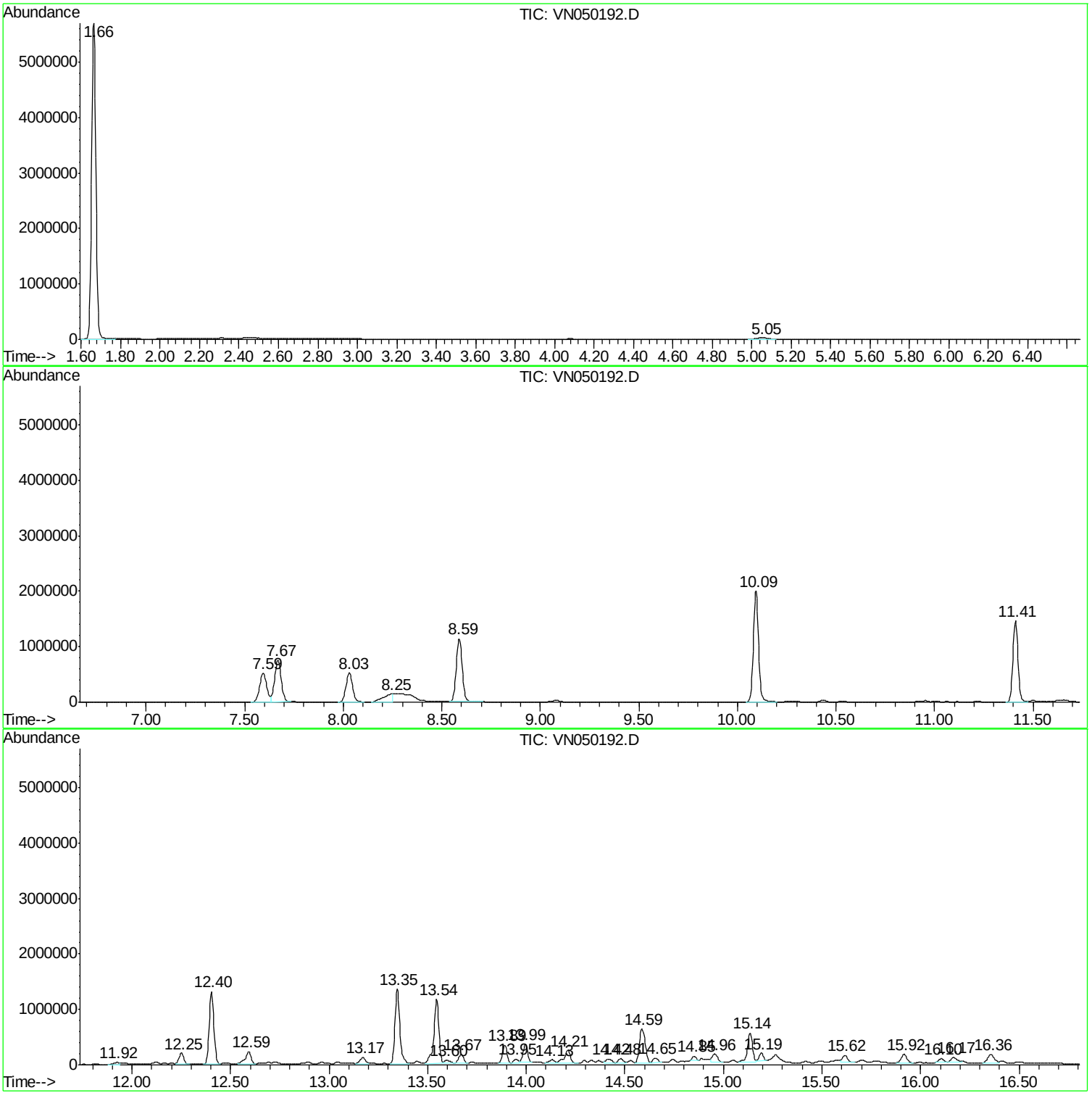
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN073018\
Data File : VN050192.D
Acq On : 30 Jul 2018 17:13
Operator : MD\SY
Sample : J4221-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-22

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN073018\
Data File : VN050192.D
Acq On : 30 Jul 2018 17:13
Operator : MD\SY
Sample : J4221-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-22

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

****

Peak Number 1 Acetic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	10.32 ug/l	490066	1,4-Difluorobenzene	8.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid	60	C2H4O2	000064-19-7	80
2	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	59
3	Ammonium acetate	77	C2H7NO2	000631-61-8	40
4	Cyclohexan-1,4,5-triol-3-one-1-c...	190	C7H10O6	1000128-45-5	40
5	Propanal, 3-methoxy-	88	C4H8O2	002806-84-0	36

****

Peak Number 2 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	45.22 ug/l	2111640	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3	Deltacyclene	118	C9H10	007785-10-6	80
4	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72

****

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	6.40 ug/l	298858	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	89
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	70
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	64
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	58
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	52

****

Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 6

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN073018\
Data File : VN050192.D
Acq On : 30 Jul 2018 17:13
Operator : MD\SY
Sample : J4221-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-22

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.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.
13.89	10.40 ug/l	485605	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	p-Cymene	134	C10H14	000099-87-6	94

****

Peak Number 5 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	11.30 ug/l	527948	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	64
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	62
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	62
5	Indan, 1-methyl-	132	C10H12	000767-58-8	58

****

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	11.20 ug/l	522932	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91

****

Peak Number 7 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	26.49 ug/l	1237020	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN073018\
Data File : VN050192.D
Acq On : 30 Jul 2018 17:13
Operator : MD\SY
Sample : J4221-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-22

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

1	o-Cymene	134	C10H14	000527-84-4	70
2	p-Cymene	134	C10H14	000099-87-6	70
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	70

****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	6.69 ug/l	312320	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	70
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	68
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53

****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	7.66 ug/l	357606	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	89
4	Benzocycloheptatriene	142	C11H10	000264-09-5	81
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	49

Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN073018\
Data File : VN050192.D
Acq On : 30 Jul 2018 17:13
Operator : MD\SY
Sample : J4221-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-22

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.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
Acetic acid	8.25	10.3	ug/l	490066	2	8.59	2373680	50.0
Indane	13.54	45.2	ug/l	2111640	4	13.35	2335070	50.0
Benzene, 1,2-diet...	13.67	6.4	ug/l	298858	4	13.35	2335070	50.0
Benzene, 4-ethyl-...	13.89	10.4	ug/l	485605	4	13.35	2335070	50.0
Benzene, 1-etheny...	13.99	11.3	ug/l	527948	4	13.35	2335070	50.0
Benzene, 1,2,4,5-...	14.21	11.2	ug/l	522932	4	13.35	2335070	50.0
o-Cymene	14.59	26.5	ug/l	1237020	4	13.35	2335070	50.0
Naphthalene, 1,2,...	15.92	6.7	ug/l	312320	4	13.35	2335070	50.0
Naphthalene, 1-me...	16.36	7.7	ug/l	357606	4	13.35	2335070	50.0