LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
Data File : VW015263.D
Acq On : 21 Apr 2020 15:32
Operator : SY/VA
Sample : L2323-01
Misc : 6.83G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : TP-20

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\82W042020S.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	7.884	970	981	986	rBV	116408	277670	5.72%	1.406%
2	7.951	986	992	1001	rVB	251443	571310	11.77%	2.893%
3	8.305	1042	1050	1060	rVB	100989	224121	4.62%	1.135%
4	8.842	1129	1138	1151	rBV	320571	629057	12.96%	3.185%
5	9.335	1205	1219	1225	rBV	96099	221143	4.56%	1.120%
6	10.091	1333	1343	1357	rVB4	20257	58031	1.20%	0.294%
7	10.323	1373	1381	1389	rBV	571516	1044883	21.53%	5.291%
8	10.500	1403	1410	1418	rVB4	44272	98563	2.03%	0.499%
9	10.664	1432	1437	1446	rVB	47082	87740	1.81%	0.444%
10	10.762	1446	1453	1459	rBV	29279	59953	1.24%	0.304%
11	11.177	1513	1521	1525	rVV2	49589	102508	2.11%	0.519%
12	11.231	1525	1530	1535	rVB	64497	111561	2.30%	0.565%
13	11.433	1551	1563	1571	rVB4	31198	97518	2.01%	0.494%
14	11.628	1588	1595	1605	rBV	427654	721206	14.86%	3.652%
15	11.731	1605	1612	1615	rBV2	43447	77882	1.60%	0.394%
16	11.841	1621	1630	1633	rBV	59692	121734	2.51%	0.616%
17	12.164	1671	1683	1691	rBV	178137	363220	7.48%	1.839%
18	12.615	1751	1757	1766	rVB	346189	553832	11.41%	2.805%
19	12.865	1791	1798	1801	rBV	87144	145846	3.01%	0.739%
20	12.896	1801	1803	1806	rVV	65533	93983	1.94%	0.476%
21	12.938	1806	1810	1817	rVB	172798	281500	5.80%	1.425%
22	13.103	1829	1837	1844	rBV	88813	157092	3.24%	0.795%
23	13.249	1855	1861	1865	rBV	53249	79547	1.64%	0.403%
24	13.438	1886	1892	1897	rBV	43472	72266	1.49%	0.366%
25	13.554	1906	1911	1915	rBV	389518	746684	15.38%	3.781%
26	13.627	1921	1923	1931	rVB2	26451	56724	1.17%	0.287%
27	13.719	1931	1938	1939	rBV	36298	52936	1.09%	0.268%
28	13.755	1939	1944	1957	rVB2	405923	889325	18.32%	4.503%
29	13.938	1968	1974	1981	rBV2	93365	156397	3.22%	0.792%
30	14.011	1981	1986	1988	rBV	52041	86478	1.78%	0.438%
31	14.036	1988	1990	1995	rVB	48286	62220	1.28%	0.315%
32	14.097	1995	2000	2005	rVB	133383	204738	4.22%	1.037%
33	14.206	2013	2018	2029	rVB	180111	326009	6.72%	1.651%
34	14.334	2033	2039	2044	rVB	43376	68005	1.40%	0.344%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
Data File : VW015263.D
Acq On : 21 Apr 2020 15:32
Operator : SY/VA
Sample : L2323-01
Misc : 6.83G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : TP-20

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\82W042020S.M
Title : SW846 8260

35	14.414	2044	2052	2055	rBV	96996	180241	3.71%	0.913%
36	14.456	2055	2059	2063	rVB	166799	221705	4.57%	1.123%
37	14.499	2063	2066	2068	rBV2	35861	48542	1.00%	0.246%
38	14.560	2074	2076	2085	rVB3	46644	82504	1.70%	0.418%
39	14.688	2092	2097	2102	rBV	173273	289015	5.95%	1.464%
40	14.804	2108	2116	2122	rBV2	455467	943285	19.44%	4.777%
41	14.871	2122	2127	2134	rVB2	130379	224067	4.62%	1.135%
42	14.956	2134	2141	2148	rBV	329619	563517	11.61%	2.854%
43	15.060	2148	2158	2163	rBV3	99158	238883	4.92%	1.210%
44	15.176	2169	2177	2183	rVB3	101267	249017	5.13%	1.261%
45	15.365	2202	2208	2215	rVB	531735	925138	19.06%	4.685%
46	15.468	2218	2225	2231	rBV4	64189	136483	2.81%	0.691%
47	15.523	2231	2234	2248	rVB2	47232	103948	2.14%	0.526%
48	15.657	2248	2256	2263	rBV	76039	158892	3.27%	0.805%
49	15.828	2274	2284	2291	rBV2	59790	198267	4.09%	1.004%
50	15.962	2300	2306	2311	rBV2	41068	117492	2.42%	0.595%
51	16.169	2332	2340	2346	rBV3	22827	61764	1.27%	0.313%
52	16.377	2364	2374	2378	rBV	82815	197439	4.07%	1.000%
53	16.438	2378	2384	2398	rVB	476073	1052613	21.69%	5.330%
54	16.645	2408	2418	2428	rVB	2229858	4853398	100.00%	24.577%

Sum of corrected areas: 19747892

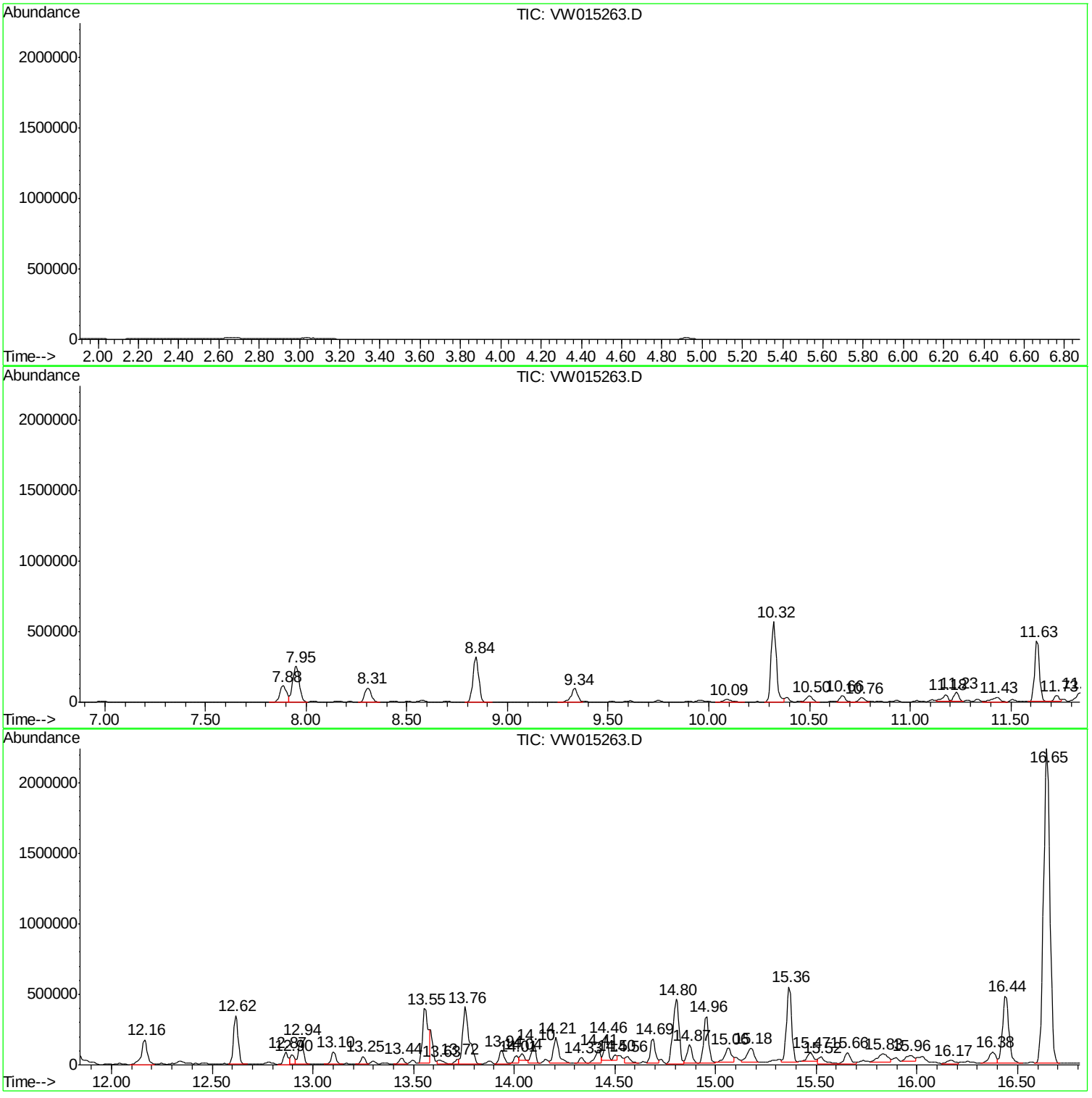
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042120\
Data File : VW015263.D
Acq On : 21 Apr 2020 15:32
Operator : SY/VA
Sample : L2323-01
Misc : 6.83G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : TP-20

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042120\
Data File : VW015263.D
Acq On : 21 Apr 2020 15:32
Operator : SY/VA
Sample : L2323-01
Misc : 6.83G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : TP-20

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260

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

****

Peak Number 1 Indan, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	21.83 ug/l	326009	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83

****

Peak Number 2 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	14.85 ug/l	221705	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	o-Cymene	134	C10H14	000527-84-4	91

****

Peak Number 3 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	19.35 ug/l	289015	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90

****

Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042120\
Data File : VW015263.D
Acq On : 21 Apr 2020 15:32
Operator : SY/VA
Sample : L2323-01
Misc : 6.83G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : TP-20

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.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.
14.80	63.16 ug/l	943285	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81

****

Peak Number 5 2-Methylindene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	15.00 ug/l	224067	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	91
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	91
5	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	83

****

Peak Number 6 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	16.00 ug/l	238883	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	86
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	58

****

Peak Number 7 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	16.67 ug/l	249017	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042120\
Data File : VW015263.D
Acq On : 21 Apr 2020 15:32
Operator : SY/VA
Sample : L2323-01
Misc : 6.83G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : TP-20

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260

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

1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	70
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	70

****

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	70.49 ug/l	1052610	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59

Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042120\
Data File : VW015263.D
Acq On : 21 Apr 2020 15:32
Operator : SY/VA
Sample : L2323-01
Misc : 6.83G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : TP-20

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.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
Indan, 1-methyl-	14.21	21.8	ug/l	326009	4	13.55	746684	50.0
Benzene, 1-ethyl-...	14.46	14.9	ug/l	221705	4	13.55	746684	50.0
Benzene, 1-etheny...	14.69	19.4	ug/l	289015	4	13.55	746684	50.0
Benzene, 2-etheny...	14.80	63.2	ug/l	943285	4	13.55	746684	50.0
2-Methylindene	14.87	15.0	ug/l	224067	4	13.55	746684	50.0
Benzene, 2-etheny...	15.06	16.0	ug/l	238883	4	13.55	746684	50.0
1H-Indene, 2,3-di...	15.18	16.7	ug/l	249017	4	13.55	746684	50.0
Naphthalene, 1-me...	16.44	70.5	ug/l	1052610	4	13.55	746684	50.0