LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
Data File : VX002433.D
Acq On : 09 Jun 2018 20:36
Operator : JC/MD
Sample : J3394-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-52

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\82X060418W.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	1.075	76	80	93	rBV	900235	1212860	92.29%	5.040%
2	1.270	108	112	120	rBV	48734	74052	5.63%	0.308%
3	1.788	192	197	204	rBV	122277	176866	13.46%	0.735%
4	2.398	289	297	303	rBV	72509	142846	10.87%	0.594%
5	2.843	362	370	380	rBV	146758	326066	24.81%	1.355%
6	3.172	416	424	436	rVB	90406	209955	15.98%	0.872%
7	3.922	539	547	557	rVV2	20583	52077	3.96%	0.216%
8	4.306	599	610	619	rVV2	33740	107865	8.21%	0.448%
9	4.531	637	647	660	rBV6	16479	63021	4.80%	0.262%
10	5.245	750	764	785	rVB6	19424	96768	7.36%	0.402%
11	5.507	796	807	818	rBV	151020	438160	33.34%	1.821%
12	5.671	823	834	839	rBV	223906	650848	49.53%	2.704%
13	5.958	869	881	890	rBV4	24165	80336	6.11%	0.334%
14	6.074	890	900	908	rVV	167965	430525	32.76%	1.789%
15	6.147	908	912	920	rVV3	19230	59316	4.51%	0.246%
16	6.269	923	932	939	rVV3	65403	249817	19.01%	1.038%
17	6.354	939	946	955	rVV3	114832	348960	26.55%	1.450%
18	6.458	955	963	976	rVB2	63417	177675	13.52%	0.738%
19	6.866	1020	1030	1039	rBV	336177	822234	62.57%	3.417%
20	6.946	1040	1043	1054	rVV5	28061	68463	5.21%	0.284%
21	7.256	1085	1094	1101	rVB2	35124	84634	6.44%	0.352%
22	7.452	1116	1126	1136	rVB	159322	373673	28.43%	1.553%
23	7.580	1138	1147	1152	rBV3	28820	62586	4.76%	0.260%
24	7.641	1152	1157	1162	rBV3	25283	50096	3.81%	0.208%
25	7.854	1184	1192	1200	rVB	218333	440263	33.50%	1.829%
26	7.958	1200	1209	1215	rBV4	29111	97100	7.39%	0.403%
27	8.031	1215	1221	1236	rVB4	73285	245989	18.72%	1.022%
28	8.183	1236	1246	1255	rBV2	80895	203791	15.51%	0.847%
29	8.293	1255	1264	1272	rVB6	32808	88901	6.76%	0.369%
30	8.390	1272	1280	1287	rBV4	124460	278262	21.17%	1.156%
31	8.457	1287	1291	1295	rVB	25896	41406	3.15%	0.172%
32	8.579	1300	1311	1320	rVB4	82631	206029	15.68%	0.856%
33	8.677	1320	1327	1329	rBV	104542	168973	12.86%	0.702%
34	8.720	1329	1334	1344	rVB	823662	1314163	100.00%	5.461%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
Data File : VX002433.D
Acq On : 09 Jun 2018 20:36
Operator : JC/MD
Sample : J3394-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-52

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\82X060418W.M
Title : SW846 8260

35	8.842	1344	1354	1359	rBV	186621	314720	23.95%	1.308%
36	8.915	1359	1366	1373	rVB3	104626	200197	15.23%	0.832%
37	8.988	1373	1378	1382	rBV2	64590	91566	6.97%	0.380%
38	9.043	1382	1387	1393	rVB	597854	945273	71.93%	3.928%
39	9.165	1399	1407	1412	rBV	171004	312387	23.77%	1.298%
40	9.226	1412	1417	1422	rBV	421563	654602	49.81%	2.720%
41	9.335	1429	1435	1439	rBV5	22535	38595	2.94%	0.160%
42	9.390	1439	1444	1448	rVB4	22403	40827	3.11%	0.170%
43	9.445	1448	1453	1456	rBV2	34399	52102	3.96%	0.217%
44	9.494	1456	1461	1463	rVV	131362	193661	14.74%	0.805%
45	9.524	1463	1466	1469	rVV	99781	145232	11.05%	0.603%
46	9.573	1469	1474	1481	rVB2	156303	273254	20.79%	1.135%
47	9.683	1482	1492	1495	rBV3	67216	144680	11.01%	0.601%
48	9.719	1495	1498	1509	rVB3	95724	193608	14.73%	0.805%
49	9.823	1509	1515	1522	rBV3	106227	185410	14.11%	0.770%
50	9.896	1522	1527	1538	rBV	108712	202171	15.38%	0.840%
51	9.994	1538	1543	1547	rBV	48636	83109	6.32%	0.345%
52	10.036	1547	1550	1555	rVB	81064	104300	7.94%	0.433%
53	10.116	1555	1563	1568	rBV	738022	985716	75.01%	4.096%
54	10.189	1568	1575	1578	rBV	207719	330288	25.13%	1.372%
55	10.219	1578	1580	1587	rVB4	55525	95114	7.24%	0.395%
56	10.341	1595	1600	1609	rVB3	151216	409590	31.17%	1.702%
57	10.427	1609	1614	1621	rBV6	30356	79768	6.07%	0.331%
58	10.518	1624	1629	1632	rBV	104253	154396	11.75%	0.642%
59	10.646	1642	1650	1658	rBV2	178516	413762	31.48%	1.719%
60	10.719	1658	1662	1671	rVV5	47960	119651	9.10%	0.497%
61	10.841	1671	1682	1686	rVV2	271819	483400	36.78%	2.009%
62	10.920	1690	1695	1702	rVV5	95671	187772	14.29%	0.780%
63	11.024	1707	1712	1715	rVV	322007	441862	33.62%	1.836%
64	11.055	1715	1717	1720	rVV3	82303	116614	8.87%	0.485%
65	11.085	1720	1722	1724	rVV2	53222	64291	4.89%	0.267%
66	11.140	1727	1731	1735	rVV	794034	1002189	76.26%	4.164%
67	11.189	1735	1739	1743	rVV2	162092	231849	17.64%	0.963%
68	11.250	1746	1749	1751	rVV2	29774	40880	3.11%	0.170%
69	11.280	1751	1754	1759	rVV3	76104	110542	8.41%	0.459%
70	11.451	1778	1782	1788	rVB3	54864	87705	6.67%	0.364%
71	11.634	1808	1812	1815	rVV2	28259	46870	3.57%	0.195%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
Data File : VX002433.D
Acq On : 09 Jun 2018 20:36
Operator : JC/MD
Sample : J3394-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-52

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\82X060418W.M
Title : SW846 8260

72	11.676	1815	1819	1826	rVB3	58287	95747	7.29%	0.398%
73	11.865	1846	1850	1854	rVB3	40221	55988	4.26%	0.233%
74	11.926	1854	1860	1861	rBV	136990	181892	13.84%	0.756%
75	11.951	1861	1864	1869	rVB	275629	332798	25.32%	1.383%
76	12.085	1881	1886	1889	rBV	900843	1157166	88.05%	4.808%
77	12.115	1889	1891	1898	rVB	107011	140958	10.73%	0.586%
78	12.237	1907	1911	1917	rVB	33079	53254	4.05%	0.221%
79	12.371	1928	1933	1940	rVB	274082	349946	26.63%	1.454%
80	12.536	1956	1960	1964	rVB	37307	49115	3.74%	0.204%
81	12.719	1984	1990	1993	rVV3	36594	67663	5.15%	0.281%
82	12.762	1993	1997	2001	rVV	277745	376799	28.67%	1.566%
83	12.823	2004	2007	2011	rVV	52308	73770	5.61%	0.307%
84	12.896	2011	2019	2026	rVV3	152453	279855	21.30%	1.163%
85	12.957	2026	2029	2032	rVV	46028	61463	4.68%	0.255%
86	13.030	2038	2041	2046	rVV	44726	56005	4.26%	0.233%
87	13.091	2046	2051	2056	rVB	193863	258399	19.66%	1.074%
88	13.194	2061	2068	2073	rBV2	134865	196628	14.96%	0.817%
89	13.255	2073	2078	2083	rVV	164266	207901	15.82%	0.864%
90	13.408	2098	2103	2107	rVV2	92416	127334	9.69%	0.529%
91	13.457	2107	2111	2113	rVV3	30871	49182	3.74%	0.204%
92	13.487	2113	2116	2122	rVV	63888	87507	6.66%	0.364%
93	13.609	2133	2136	2139	rVV	36596	47825	3.64%	0.199%
94	13.700	2144	2151	2159	rVB2	257991	422277	32.13%	1.755%
95	13.810	2165	2169	2174	rBV	29730	42944	3.27%	0.178%
96	13.914	2182	2186	2190	rVB	36243	46308	3.52%	0.192%
97	13.993	2195	2199	2202	rVV2	42440	59580	4.53%	0.248%
98	14.036	2202	2206	2213	rVB	31082	45965	3.50%	0.191%
99	14.383	2258	2263	2269	rBV	30144	45435	3.46%	0.189%
100	14.664	2302	2309	2317	rBV2	40452	73141	5.57%	0.304%

Sum of corrected areas: 24065374

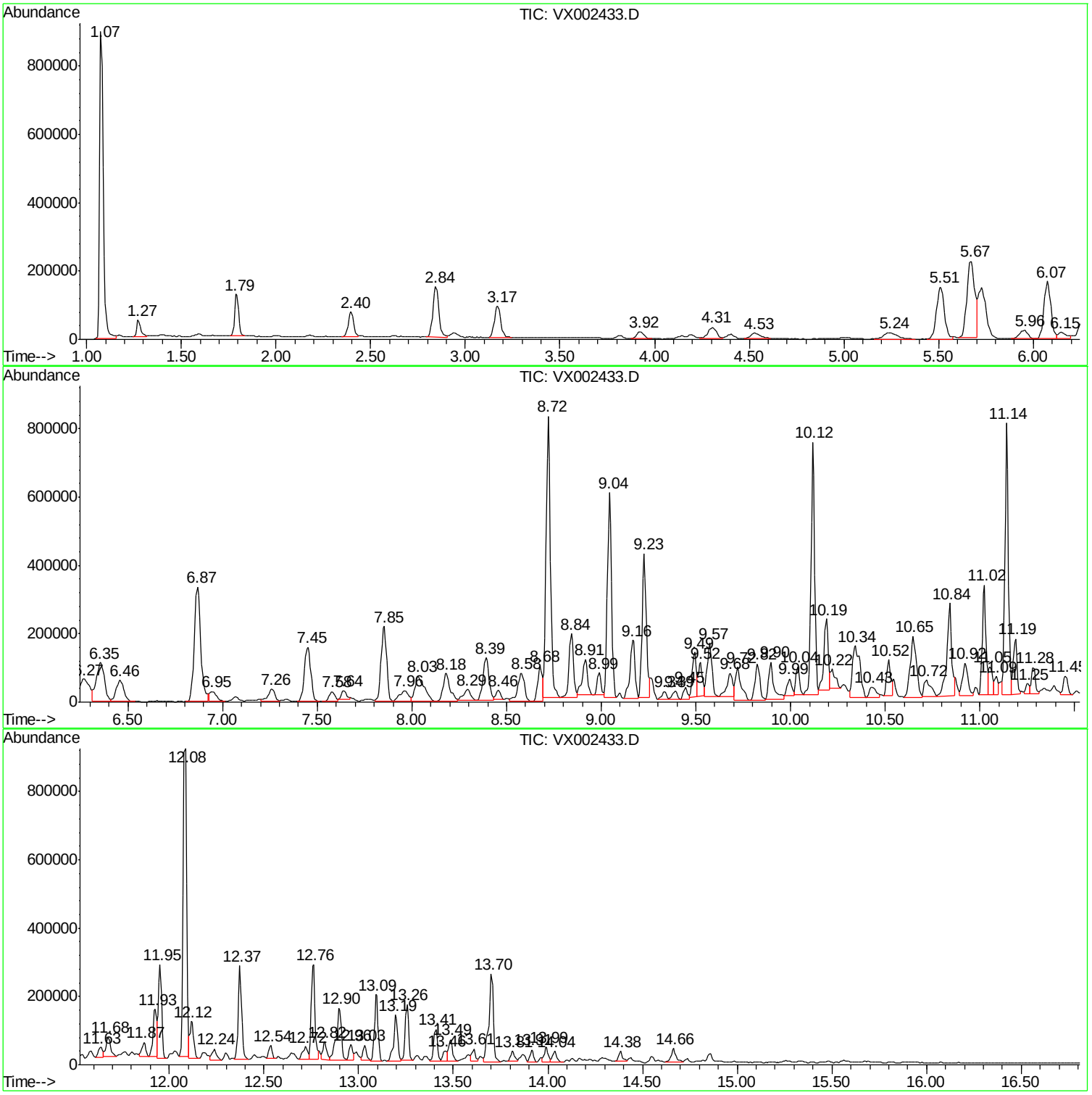
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
Data File : VX002433.D
Acq On : 09 Jun 2018 20:36
Operator : JC/MD
Sample : J3394-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-52

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060918\
Data File : VX002433.D
Acq On : 09 Jun 2018 20:36
Operator : JC/MD
Sample : J3394-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-52

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

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

****

Peak Number 1 Butane, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.84	25.05 ug/l	326066	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	50
3	Butane, 2-methyl-	72	C5H12	000078-78-4	36
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	33
5	Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	12

****

Peak Number 2 1-Hexene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	21.22 ug/l	348960	1,4-Difluorobenzene	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	58
2	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	53
3	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	47
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	46
5	Cyclopropane, 1-methyl-2-(1-meth...	140	C10H20	062238-06-6	45

****

Peak Number 3 Cyclopentane, 1,2,4-trimeth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	26.77 ug/l	440263	1,4-Difluorobenzene	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	94
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	91
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	80
5	Cyclobutanone, 2,3,3-trimethyl-	112	C7H12O	028290-01-9	78

****

Peak Number 4 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 2

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060918\
Data File : VX002433.D
Acq On : 09 Jun 2018 20:36
Operator : JC/MD
Sample : J3394-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-52

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

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

9.04	47.95 ug/l	945273	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	96
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	96
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	83
5	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	83

****

Peak Number 5 1,4-Pentadiene, 2,3,3-trime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	33.20 ug/l	654602	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	91
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	87
3	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	87
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	72
5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	72

****

Peak Number 6 Bicyclo[3.2.1]octane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	20.78 ug/l	409590	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	81
2	Bicyclo[2.2.1]heptane, 2-methyl-	110	C8H14	015185-11-2	64
3	Cyclooctene	110	C8H14	000931-88-4	52
4	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	50
5	2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	50

****

Peak Number 7 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	20.99 ug/l	413762	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060918\
Data File : VX002433.D
Acq On : 09 Jun 2018 20:36
Operator : JC/MD
Sample : J3394-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-52

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

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

1	Cyclohexane, 1-ethyl-2-methyl-, ...	126 C9H18	004923-78-8	60
2	cis-1-Ethyl-3-methyl-cyclohexane	126 C9H18	019489-10-2	60
3	1-Ethyl-4-methylcyclohexane	126 C9H18	003728-56-1	58
4	Cyclohexane, 1-ethyl-2-methyl-	126 C9H18	003728-54-9	53
5	Cyclopentane, 1,1'-ethylidenebis-	166 C12H22	004413-21-2	50

****

Peak Number 8 Propylidencyclohexane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	24.52 ug/l	483400	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylidencyclohexane	124	C9H16	002129-93-3	80
2	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	72
3	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	58
4	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	46
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	43

****

Peak Number 9 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	18.25 ug/l	422277	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	91

Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060918\
Data File : VX002433.D
Acq On : 09 Jun 2018 20:36
Operator : JC/MD
Sample : J3394-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-52

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.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
Butane, 2,3-dimet...	2.84	25.1	ug/l	326066	1	5.67	650848	50.0
1-Hexene, 4-methyl-	6.35	21.2	ug/l	348960	2	6.87	822234	50.0
Cyclopentane, 1,2...	7.85	26.8	ug/l	440263	2	6.87	822234	50.0
Cyclohexane, 1,2-...	9.04	48.0	ug/l	945273	3	10.12	985716	50.0
1,4-Pentadiene, 2...	9.23	33.2	ug/l	654602	3	10.12	985716	50.0
Bicyclo[3.2.1]octane	10.34	20.8	ug/l	409590	3	10.12	985716	50.0
Cyclohexane, 1-et...	10.65	21.0	ug/l	413762	3	10.12	985716	50.0
Propylidencyclohe...	10.84	24.5	ug/l	483400	3	10.12	985716	50.0
1H-Indene, 2,3-di...	13.70	18.3	ug/l	422277	4	12.08	1157170	50.0