LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007055.D
Acq On : 26 Nov 2018 18:32
Operator : VAY/AP
Sample : J5770-07
Misc : 6.62G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : OR-02-112118-B

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\82W112118S.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	1.965	6	10	19	rVB3	3652	6931	1.23%	0.162%
2	3.032	178	185	193	rBV3	3093	6475	1.15%	0.151%
3	3.696	286	294	300	rBV3	2514	6023	1.07%	0.141%
4	4.921	487	495	508	rBV6	3529	14091	2.50%	0.329%
5	5.452	568	582	591	rVB5	2152	7392	1.31%	0.173%
6	6.988	824	834	844	rVB3	4786	13717	2.44%	0.320%
7	7.890	972	982	986	rBV	68932	159243	28.28%	3.718%
8	7.951	986	992	1001	rVV	175927	388904	69.05%	9.080%
9	8.031	1001	1005	1014	rVB4	2550	6534	1.16%	0.153%
10	8.311	1042	1051	1061	rVV	70101	154440	27.42%	3.606%
11	8.433	1065	1071	1079	rVV6	2606	7280	1.29%	0.170%
12	8.579	1089	1095	1103	rVB4	6049	13435	2.39%	0.314%
13	8.848	1130	1139	1152	rBV	221246	438274	77.82%	10.232%
14	9.335	1205	1219	1232	rVB	41210	94180	16.72%	2.199%
15	9.610	1254	1264	1270	rVB5	4186	9716	1.73%	0.227%
16	9.750	1281	1287	1295	rVB3	7900	15513	2.75%	0.362%
17	9.896	1306	1311	1315	rBV2	3461	6394	1.14%	0.149%
18	10.085	1333	1342	1347	rBV3	7997	17693	3.14%	0.413%
19	10.329	1374	1382	1398	rBV	288987	563187	100.00%	13.149%
20	10.494	1403	1409	1418	rVB3	17887	43467	7.72%	1.015%
21	10.664	1432	1437	1442	rVV	31980	57928	10.29%	1.352%
22	10.762	1442	1453	1459	rVB4	26759	79303	14.08%	1.851%
23	10.939	1478	1482	1488	rVB4	3900	7060	1.25%	0.165%
24	11.042	1494	1499	1507	rVB4	2884	6694	1.19%	0.156%
25	11.152	1512	1517	1518	rVV	9686	15206	2.70%	0.355%
26	11.183	1518	1522	1526	rVV	22616	40207	7.14%	0.939%
27	11.231	1526	1530	1536	rVV	42199	71375	12.67%	1.666%
28	11.341	1543	1548	1552	rVB5	5183	9076	1.61%	0.212%
29	11.439	1559	1564	1571	rVB	8238	15533	2.76%	0.363%
30	11.634	1589	1596	1605	rBV	275969	465381	82.63%	10.865%
31	11.731	1606	1612	1615	rBV4	7760	13424	2.38%	0.313%
32	11.835	1622	1629	1633	rBV4	7288	18450	3.28%	0.431%
33	11.878	1633	1636	1648	rVB6	11071	35145	6.24%	0.821%
34	12.048	1659	1664	1672	rVB6	2867	7063	1.25%	0.165%

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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : OR-02-112118-B

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : SW846 8260

35	12.140	1672	1679	1683	rBV4	11558	28233	5.01%	0.659%
36	12.256	1695	1698	1702	rVB	5124	7083	1.26%	0.165%
37	12.304	1702	1706	1708	rBV3	4094	6803	1.21%	0.159%
38	12.347	1708	1713	1718	rVV4	8600	17786	3.16%	0.415%
39	12.621	1752	1758	1766	rVB	199841	323780	57.49%	7.559%
40	12.701	1766	1771	1777	rBV5	3673	7178	1.27%	0.168%
41	12.786	1777	1785	1792	rVB5	19202	36506	6.48%	0.852%
42	12.871	1792	1799	1801	rBV5	10554	20795	3.69%	0.485%
43	12.944	1801	1811	1818	rVV	25773	56692	10.07%	1.324%
44	13.109	1830	1838	1844	rBV	22549	42766	7.59%	0.998%
45	13.176	1844	1849	1854	rBV3	7679	13907	2.47%	0.325%
46	13.255	1858	1862	1867	rBV	8041	12779	2.27%	0.298%
47	13.353	1872	1878	1882	rBV4	7545	19160	3.40%	0.447%
48	13.450	1889	1894	1897	rBV2	11882	18367	3.26%	0.429%
49	13.499	1898	1902	1907	rVV4	7967	15365	2.73%	0.359%
50	13.560	1907	1912	1922	rVB2	216927	393667	69.90%	9.191%
51	13.725	1931	1939	1941	rBV6	7295	16567	2.94%	0.387%
52	13.755	1941	1944	1947	rVB3	8430	9231	1.64%	0.216%
53	13.798	1947	1951	1958	rVB2	18450	32610	5.79%	0.761%
54	13.883	1959	1965	1970	rBV5	18524	34449	6.12%	0.804%
55	13.956	1970	1977	1982	rBV	11536	21402	3.80%	0.500%
56	14.017	1982	1987	1989	rBV4	4651	6293	1.12%	0.147%
57	14.097	1994	2000	2008	rVB3	15063	38519	6.84%	0.899%
58	14.213	2013	2019	2024	rBV2	18031	30033	5.33%	0.701%
59	14.347	2035	2041	2045	rBV3	11108	19556	3.47%	0.457%
60	14.426	2051	2054	2057	rVV2	5283	7332	1.30%	0.171%
61	14.462	2057	2060	2064	rVB	11394	15331	2.72%	0.358%
62	14.505	2064	2067	2071	rBV2	6439	8504	1.51%	0.199%
63	14.554	2071	2075	2082	rVB9	6627	12199	2.17%	0.285%
64	14.639	2082	2089	2095	rVB7	3268	7887	1.40%	0.184%
65	14.737	2101	2105	2110	rVB3	5833	9782	1.74%	0.228%
66	14.816	2110	2118	2123	rBV5	9218	23618	4.19%	0.551%
67	14.975	2134	2144	2157	rBV5	14064	54217	9.63%	1.266%
68	15.078	2157	2161	2164	rVV6	4384	7431	1.32%	0.173%
69	15.182	2173	2178	2185	rVB6	5268	11417	2.03%	0.267%
70	15.377	2204	2210	2215	rVB	17754	31050	5.51%	0.725%
71	15.511	2221	2232	2239	rBV3	6581	15998	2.84%	0.374%

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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : OR-02-112118-B

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : SW846 8260

72	15.682	2252	2260	2261	rBV6	2801	6352	1.13%	0.148%
73	16.456	2379	2387	2392	rBV3	6153	12870	2.29%	0.300%
74	16.657	2412	2420	2427	rVB2	6729	14967	2.66%	0.349%

Sum of corrected areas: 4283216

LSC Report - Integrated Chromatogram

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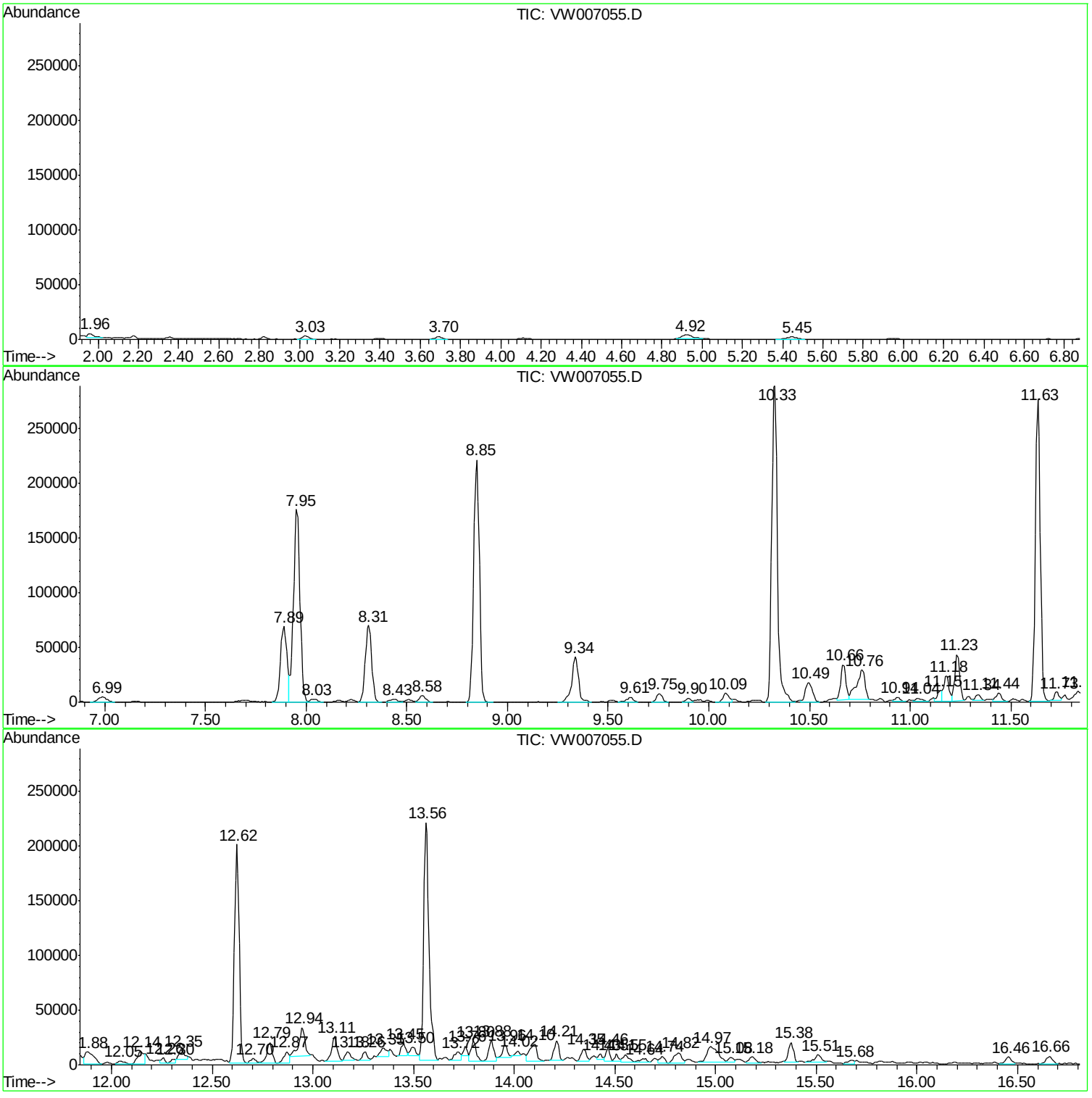
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OR-02-112118-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007055.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

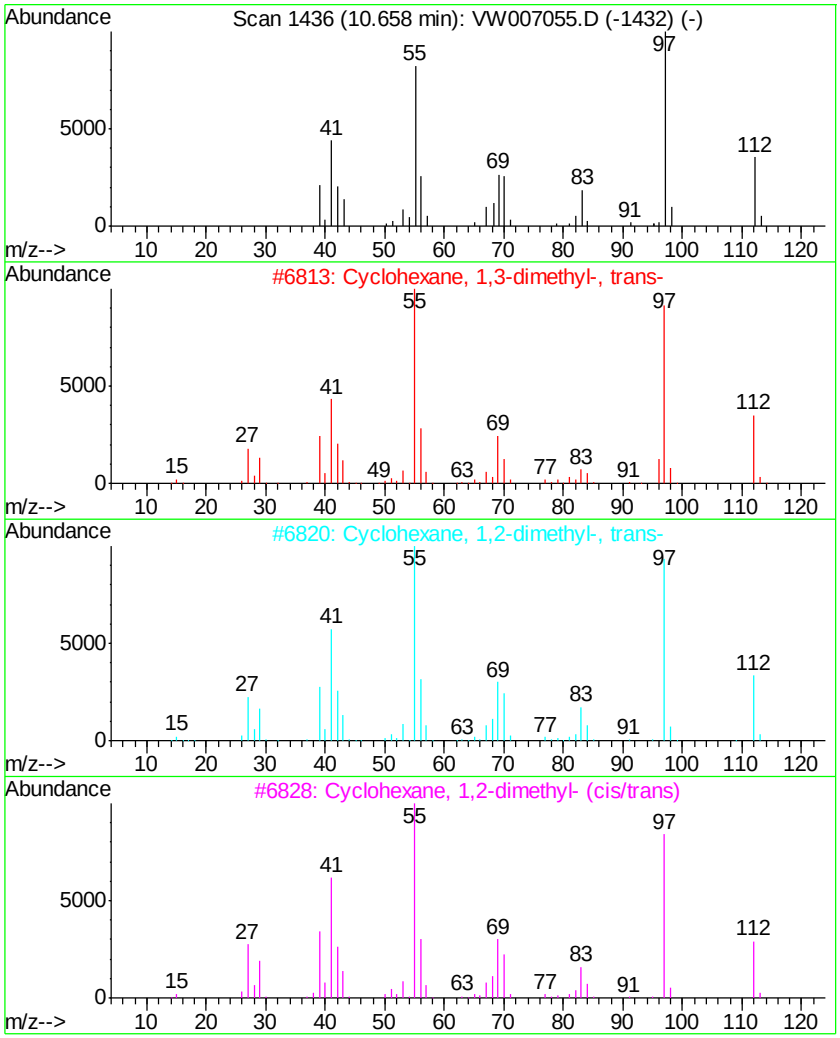
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

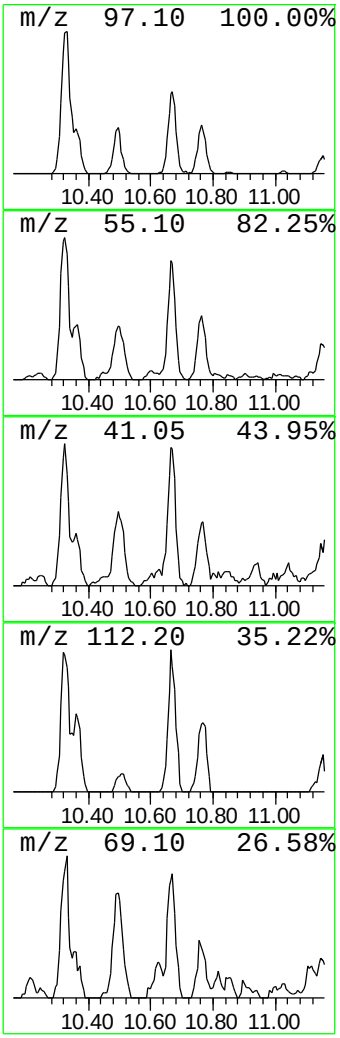
****

Peak Number 1 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	6.22 ug/l	57928	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	87
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87





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Instrument : MSVOA_W
ClientSampleId : OR-02-112118-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

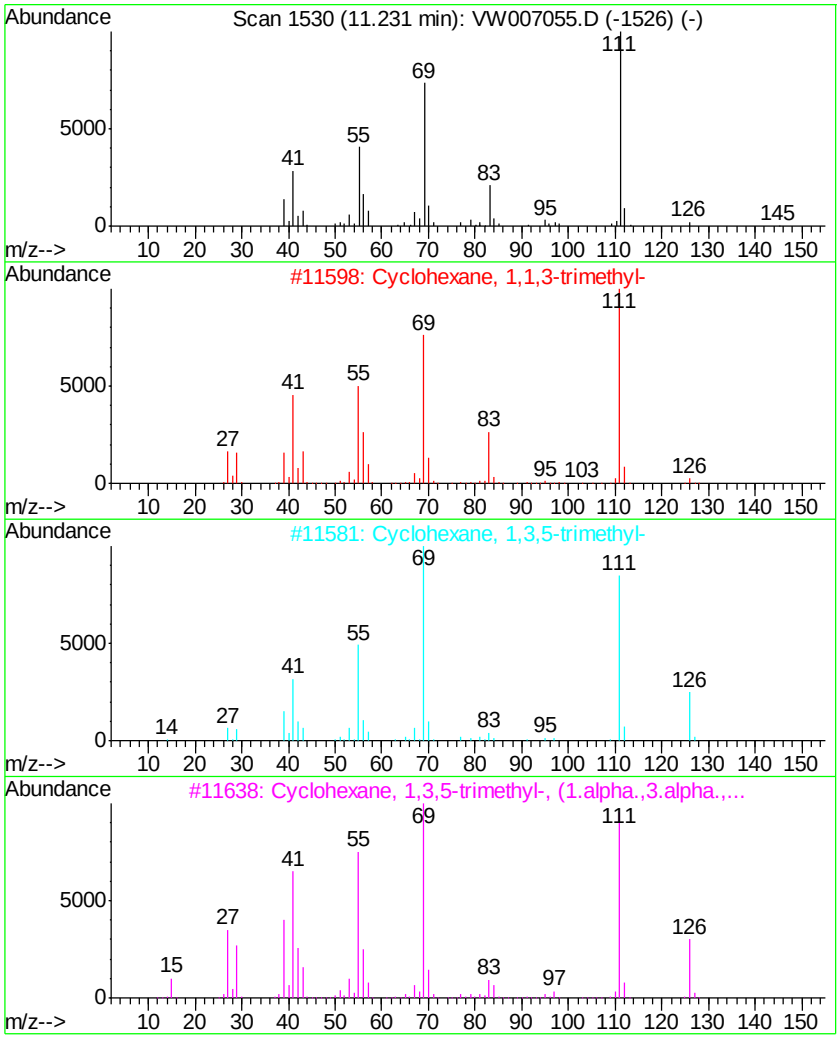
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

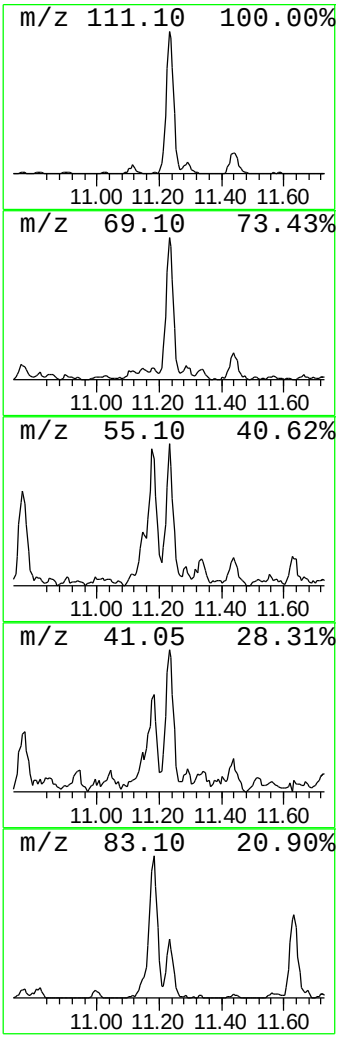
****

Peak Number 3 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	7.67 ug/l	71375	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	53
4	4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	43
5	3-Methyl-3-hexene	98	C7H14	003404-65-7	38





Library Search Compound Report

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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : OR-02-112118-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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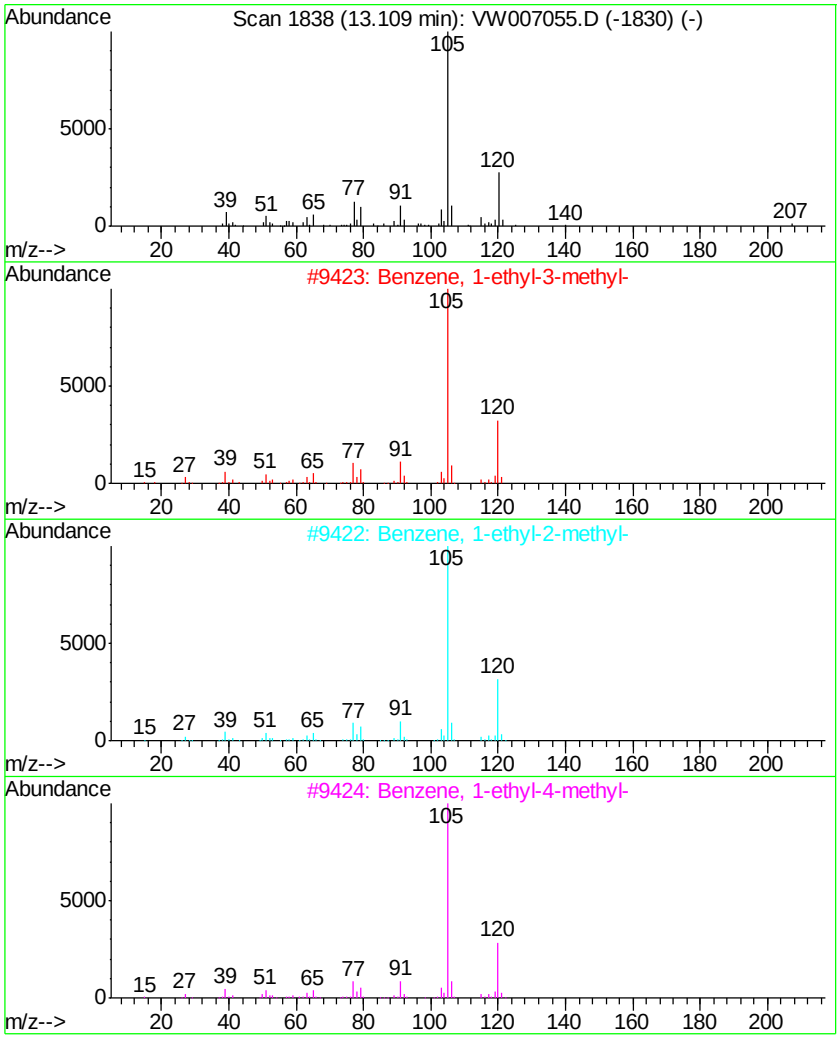
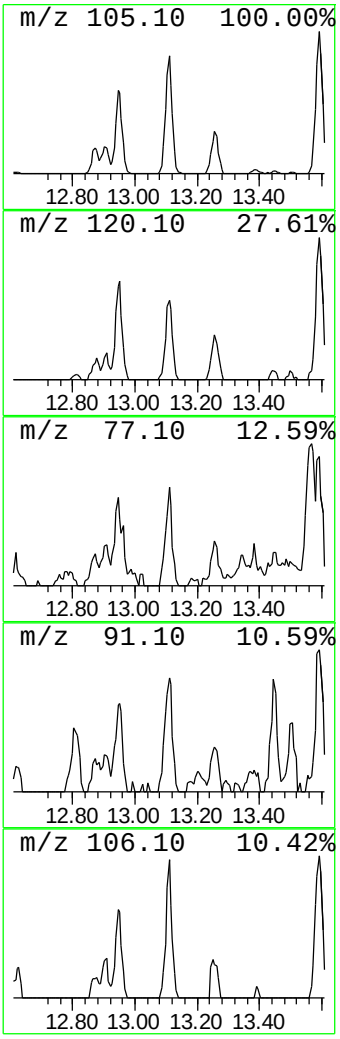
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	5.43 ug/l	42766	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

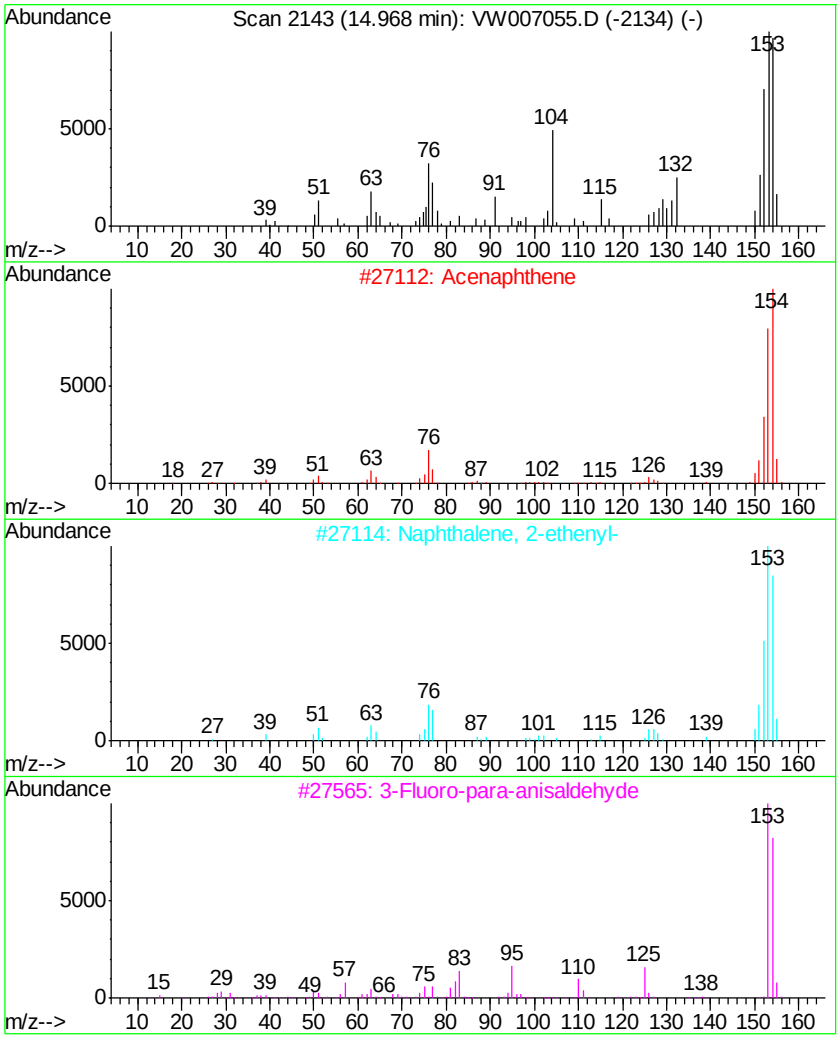
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

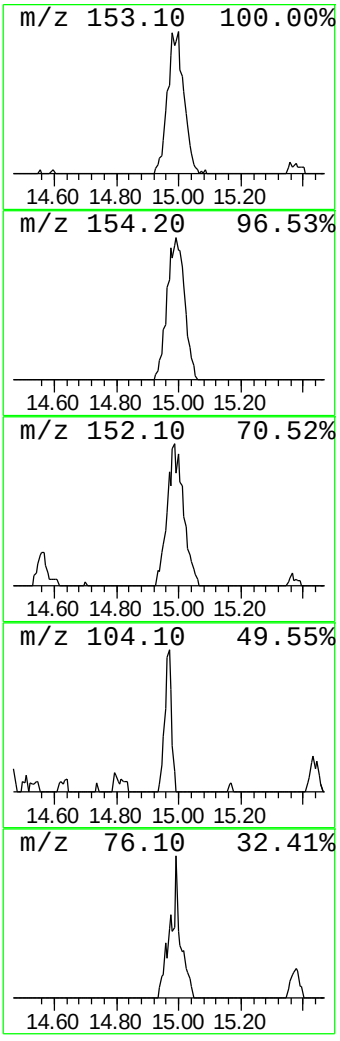
****

Peak Number 5 Acenaphthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	6.89 ug/l	54217	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	76
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	52
3	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	46
4	Biphenyl	154	C12H10	000092-52-4	43
5	2,3,4-Trihydroxybenzaldehyde	154	C7H6O4	002144-08-3	43





Tentatively Identified Compound (LSC) summary

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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
Cyclohexane, 1,3-...	10.66	6.2	ug/l	57928	3	11.63	465381	50.0
Cyclohexane, 1,1,...	11.23	7.7	ug/l	71375	3	11.63	465381	50.0
Benzene, 1-ethyl-...	13.11	5.4	ug/l	42766	4	13.57	393667	50.0
Acenaphthene	14.97	6.9	ug/l	54217	4	13.57	393667	50.0