LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040620\
Data File : VX015509.D
Acq On : 06 Apr 2020 13:55
Operator : JC/SP
Sample : L2097-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40772

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\82X032720W.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	1.064	25	29	42	rBV	4544261	5459790	4.88%	1.519%
2	2.149	190	207	211	rBV3	31203839	111994008	100.00%	31.155%
3	2.424	246	252	265	rVB	2567795	3991776	3.56%	1.110%
4	5.472	739	752	763	rBV	668712	1922244	1.72%	0.535%
5	5.636	767	779	797	rVB	1154139	3303473	2.95%	0.919%
6	6.033	834	844	852	rBV	759094	1977213	1.77%	0.550%
7	6.831	965	975	989	rBV	1799230	4342752	3.88%	1.208%
8	8.697	1275	1281	1287	rBV	3836101	5925176	5.29%	1.648%
9	8.770	1287	1293	1305	rVB	7183107	11520676	10.29%	3.205%
10	10.099	1505	1511	1523	rVB	4117867	5610955	5.01%	1.561%
11	10.239	1529	1534	1543	rVB	2433027	3436346	3.07%	0.956%
12	10.343	1543	1551	1558	rBV	6434047	8785026	7.84%	2.444%
13	10.684	1601	1607	1619	rVB	7755029	9979479	8.91%	2.776%
14	11.123	1674	1679	1686	rBV	3759503	4839847	4.32%	1.346%
15	11.343	1705	1715	1721	rBV	964369	1552379	1.39%	0.432%
16	11.422	1721	1728	1735	rVV	3662404	7186314	6.42%	1.999%
17	11.495	1735	1740	1753	rVB	2471422	3378715	3.02%	0.940%
18	11.654	1760	1766	1774	rVB	2864000	3711410	3.31%	1.032%
19	11.794	1784	1789	1795	rVB	6183979	7242778	6.47%	2.015%
20	12.062	1828	1833	1839	rVB	4987777	6362193	5.68%	1.770%
21	12.129	1839	1844	1849	rBV	4522256	5635459	5.03%	1.568%
22	12.257	1861	1865	1867	rBV	2716273	3411721	3.05%	0.949%
23	12.282	1867	1869	1872	rVV	2401033	2887050	2.58%	0.803%
24	12.361	1877	1882	1888	rVB3	2502137	3905386	3.49%	1.086%
25	12.464	1888	1899	1902	rBV3	960639	1624206	1.45%	0.452%
26	12.501	1902	1905	1912	rVB	940939	1120273	1.00%	0.312%
27	12.574	1912	1917	1919	rBV	1533736	2210419	1.97%	0.615%
28	12.599	1919	1921	1926	rVV	1392452	1499626	1.34%	0.417%
29	12.653	1926	1930	1933	rVV	2498825	2827562	2.52%	0.787%
30	12.739	1939	1944	1953	rBV3	1646039	3466110	3.09%	0.964%
31	12.891	1965	1969	1972	rVB	1067457	1333928	1.19%	0.371%
32	12.964	1972	1981	1984	rBV	1667899	2504922	2.24%	0.697%
33	13.001	1984	1987	1994	rVB	3068184	3936079	3.51%	1.095%
34	13.086	1994	2001	2003	rBV3	658460	1322857	1.18%	0.368%

LSC Area Percent Report

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Operator : JC/SP
Sample : L2097-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40772

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\82X032720W.M
Title : SW846 8260

35	13.208	2013	2021	2025	rBV2	3135962	4408761	3.94%	1.226%
36	13.306	2032	2037	2038	rVV3	1659582	2229337	1.99%	0.620%
37	13.336	2038	2042	2046	rVV2	7801831	10997994	9.82%	3.060%
38	13.464	2059	2063	2071	rVB	6158356	8071976	7.21%	2.246%
39	13.544	2071	2076	2079	rBV2	802769	1151669	1.03%	0.320%
40	13.586	2079	2083	2086	rBV	1321248	1628733	1.45%	0.453%
41	13.629	2086	2090	2094	rVV2	1431193	2469735	2.21%	0.687%
42	13.708	2100	2103	2108	rVB2	1400370	1956941	1.75%	0.544%
43	13.818	2117	2121	2127	rVB	935902	1514846	1.35%	0.421%
44	13.897	2127	2134	2139	rVB2	2440896	4009157	3.58%	1.115%
45	13.970	2139	2146	2150	rBV3	2586408	4073659	3.64%	1.133%
46	14.080	2160	2164	2167	rVB	2092376	2173666	1.94%	0.605%
47	14.117	2167	2170	2174	rBV	2211895	2518083	2.25%	0.700%
48	14.269	2189	2195	2199	rVV	6793737	10819757	9.66%	3.010%
49	14.367	2207	2211	2215	rBV3	965015	1399083	1.25%	0.389%
50	14.415	2215	2219	2223	rVV	2398504	2708493	2.42%	0.753%
51	14.525	2232	2237	2246	rBV2	4798695	7522214	6.72%	2.093%
52	14.659	2255	2259	2260	rVV2	3048983	3580993	3.20%	0.996%
53	14.677	2260	2262	2266	rVV	2925585	3793931	3.39%	1.055%
54	14.714	2266	2268	2273	rVB	1593295	1823374	1.63%	0.507%
55	14.799	2279	2282	2284	rVV	2747996	3133355	2.80%	0.872%
56	14.824	2284	2286	2289	rVV	1483748	1791316	1.60%	0.498%
57	14.860	2289	2292	2295	rVV2	1024533	1693695	1.51%	0.471%
58	14.946	2303	2306	2314	rVV2	1090062	1940931	1.73%	0.540%
59	15.153	2334	2340	2343	rBV4	724329	1243246	1.11%	0.346%
60	15.232	2349	2353	2355	rVV	2481946	3690450	3.30%	1.027%
61	15.257	2355	2357	2361	rVV	2182974	2463454	2.20%	0.685%
62	15.427	2380	2385	2392	rVB4	806356	1439743	1.29%	0.401%
63	15.537	2397	2403	2408	rBV2	3367790	5459749	4.88%	1.519%
64	15.665	2419	2424	2428	rBV2	1453769	2473705	2.21%	0.688%
65	15.702	2428	2430	2438	rVB	940762	1573057	1.40%	0.438%
66	16.147	2498	2503	2511	rBV3	586214	1497050	1.34%	0.416%
67	16.439	2545	2551	2560	rVB2	1154567	2009157	1.79%	0.559%

Sum of corrected areas: 359469458

LSC Report - Integrated Chromatogram

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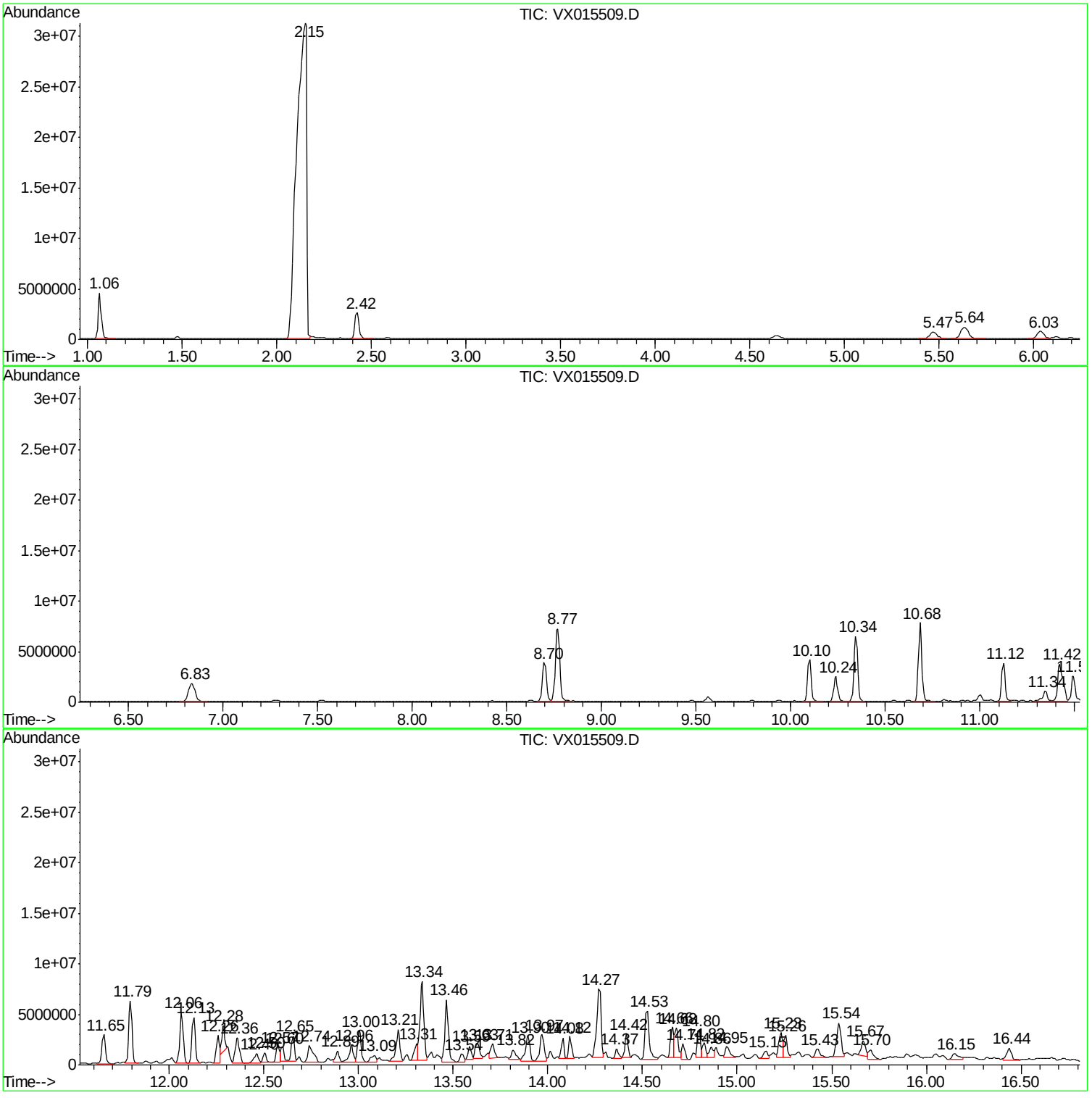
Sample : L2097-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40772

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040620\
Data File : VX015509.D
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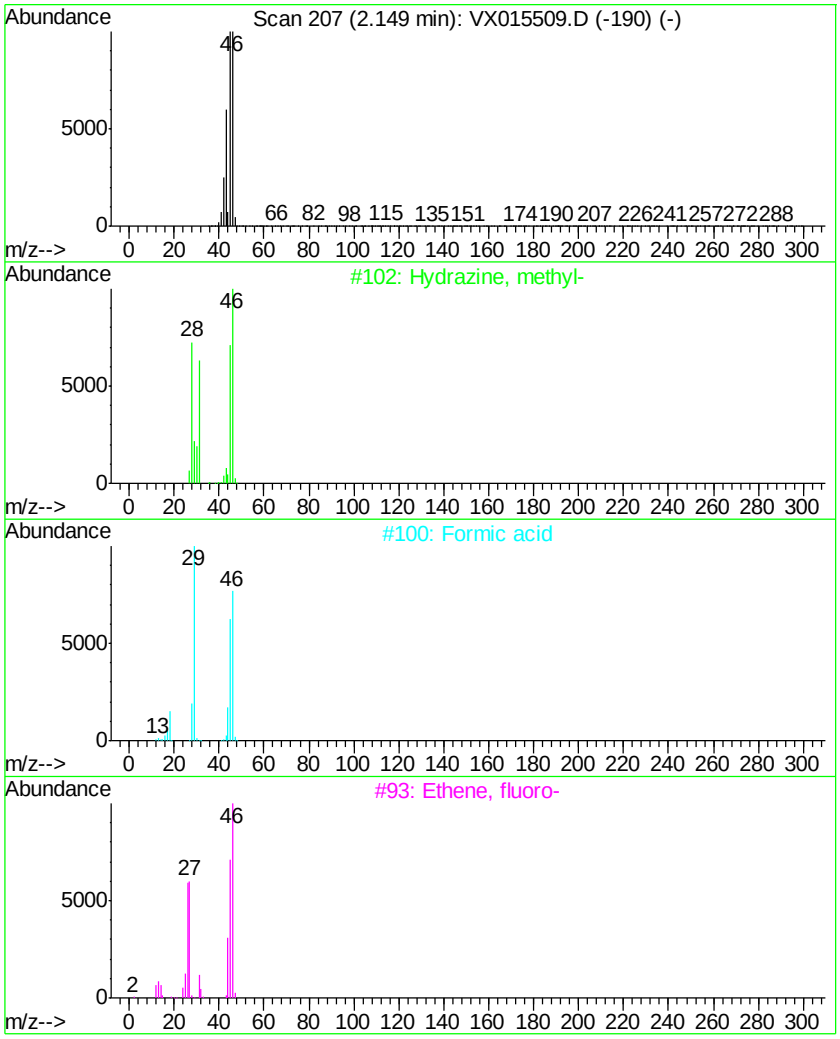
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

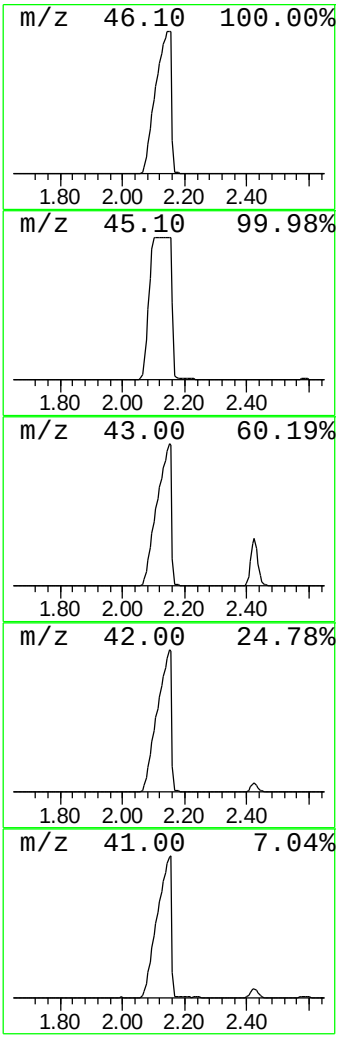
****

Peak Number 2 Hydrazine, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1695.09 ug/l	111994000	Pentafluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, methyl-	46	CH6N2	000060-34-4	56
2	Formic acid	46	CH2O2	000064-18-6	9
3	Ethene, fluoro-	46	C2H3F	000075-02-5	9
4	Ethanol	46	C2H6O	000064-17-5	9
5	Dimethyl ether	46	C2H6O	000115-10-6	4





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040620\
Data File : VX015509.D
Acq On : 06 Apr 2020 13:55
Operator : JC/SP
Sample : L2097-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40772

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260

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

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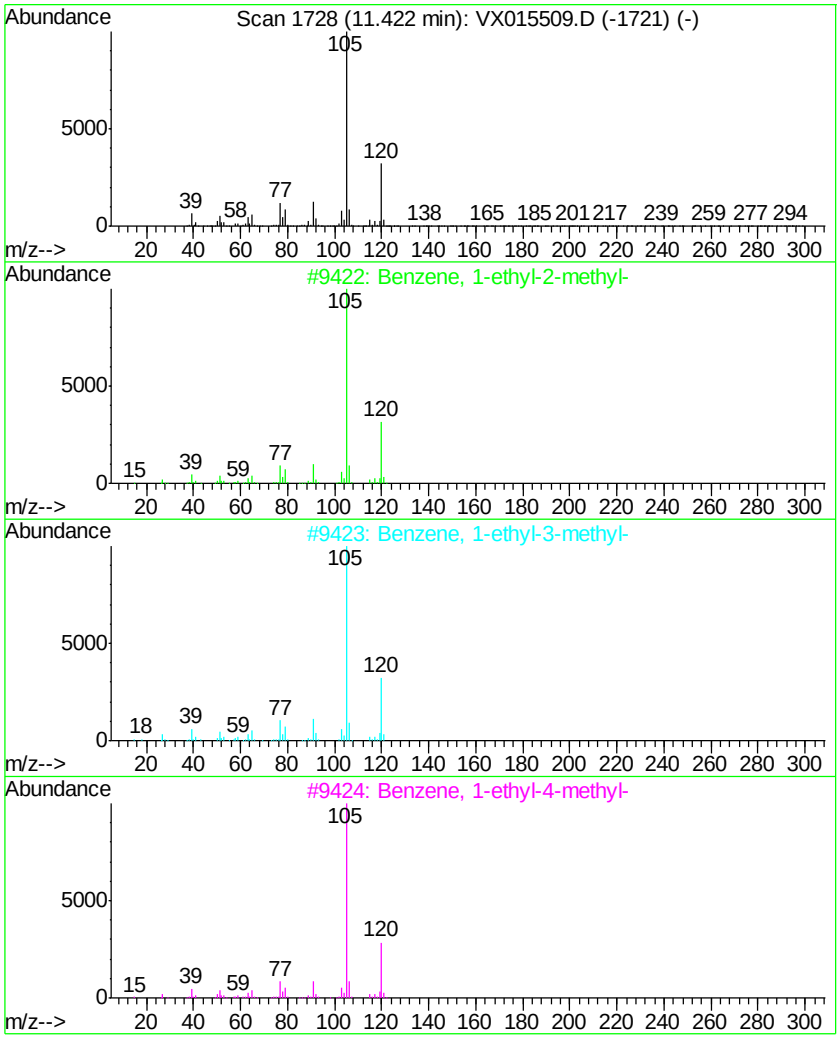
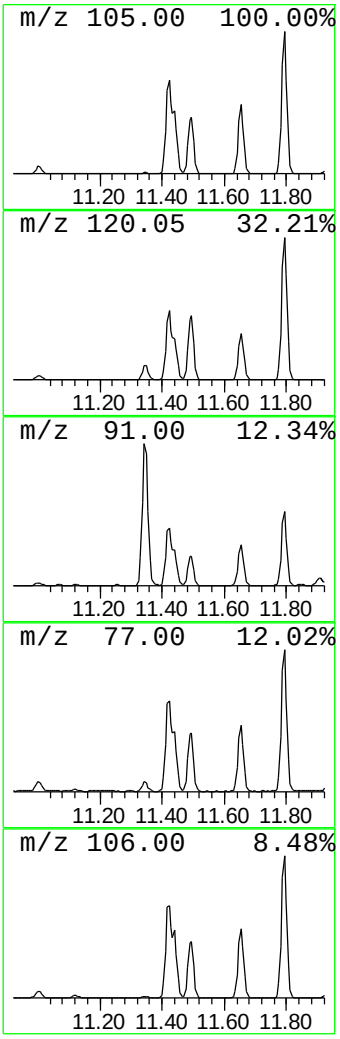
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	56.48 ug/l	7186310	1,4-Dichlorobenzene-d4	12.06

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040620\
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Acq On : 06 Apr 2020 13:55
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Sample : L2097-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40772

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260

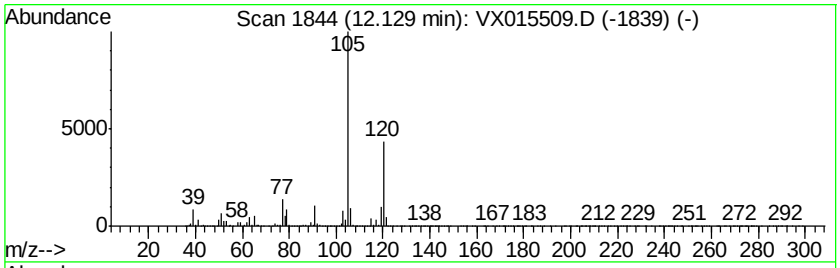
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

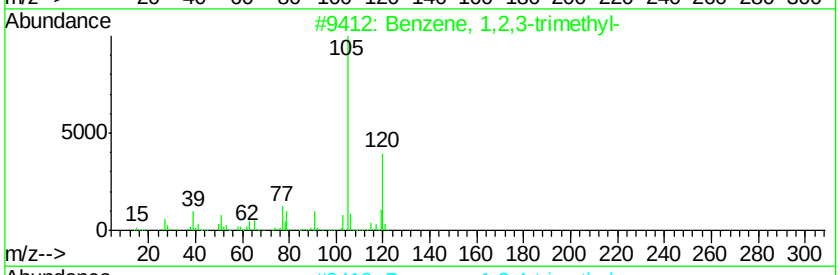
****

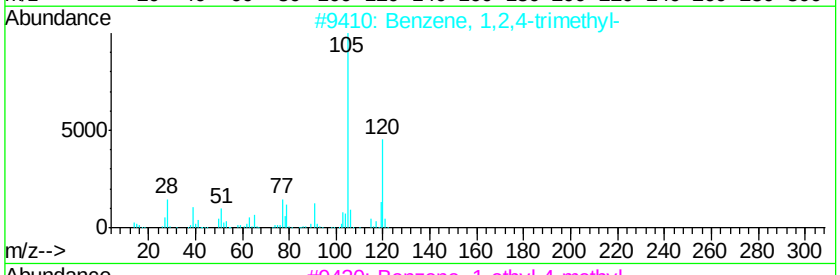
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 8

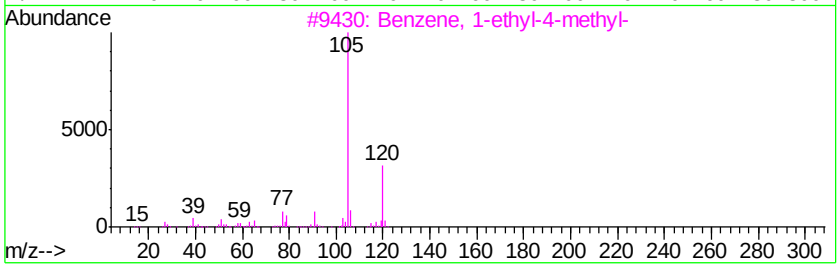
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	44.29 ug/l	5635460	1,4-Dichlorobenzene-d4	12.06

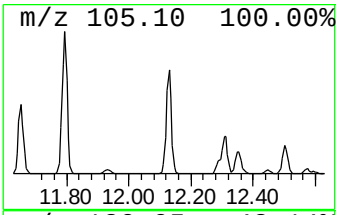
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91

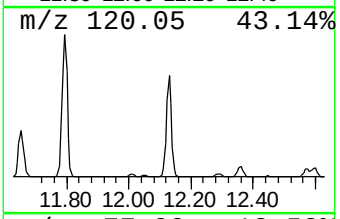


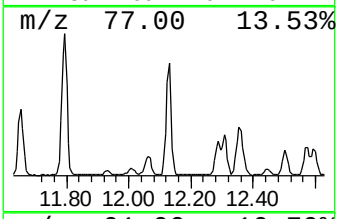


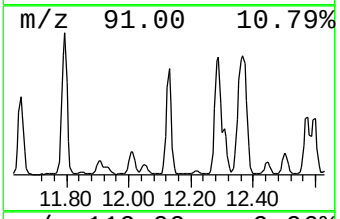


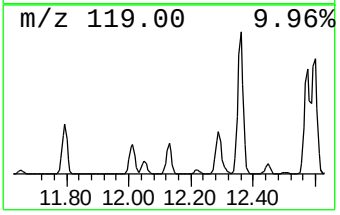












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Instrument : MSVOA_X
ClientSampleId : 40772

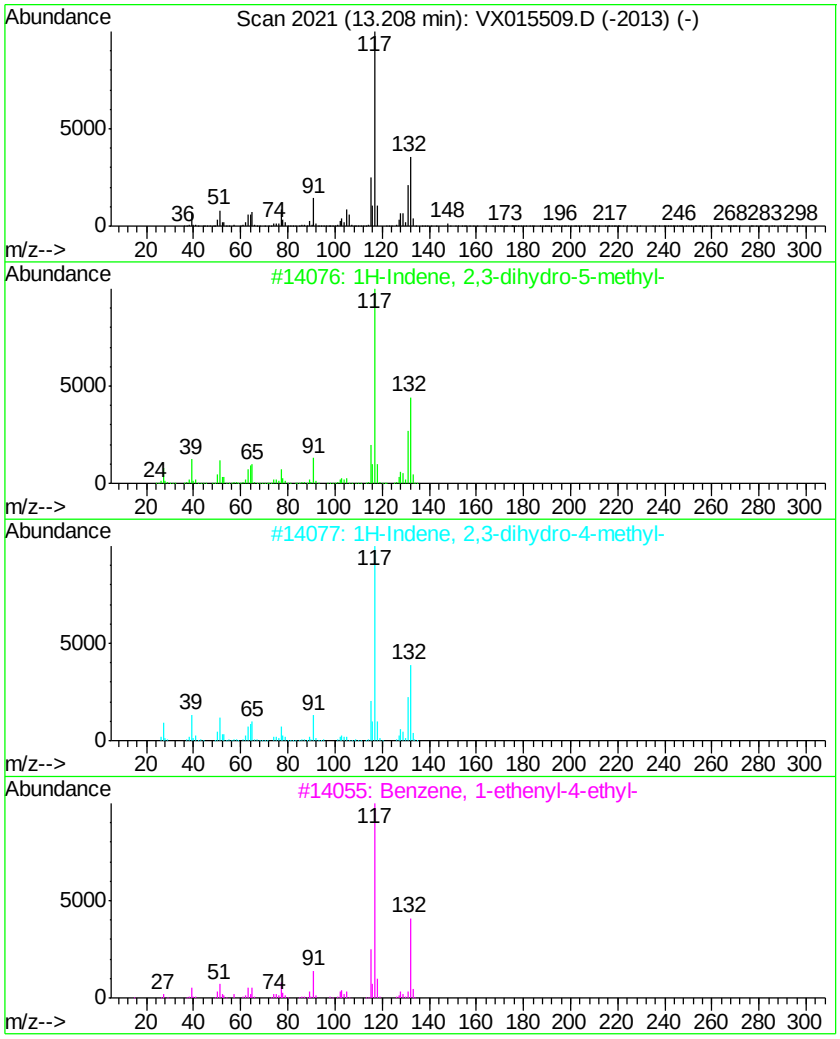
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260

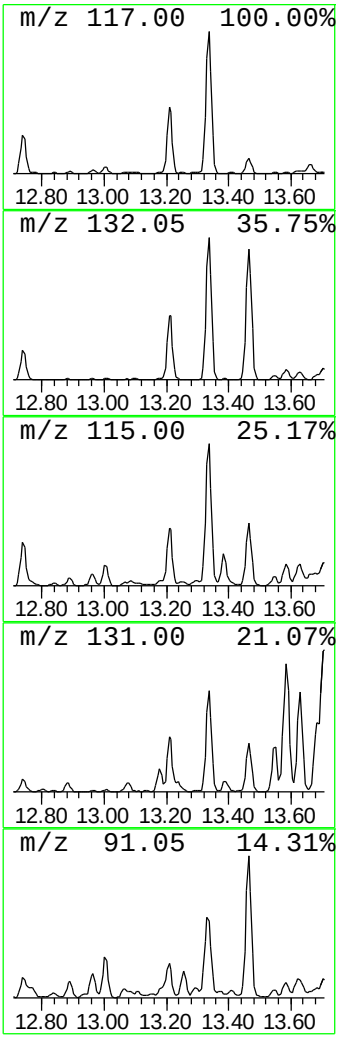
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	34.65 ug/l	4408760	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87





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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40772

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260

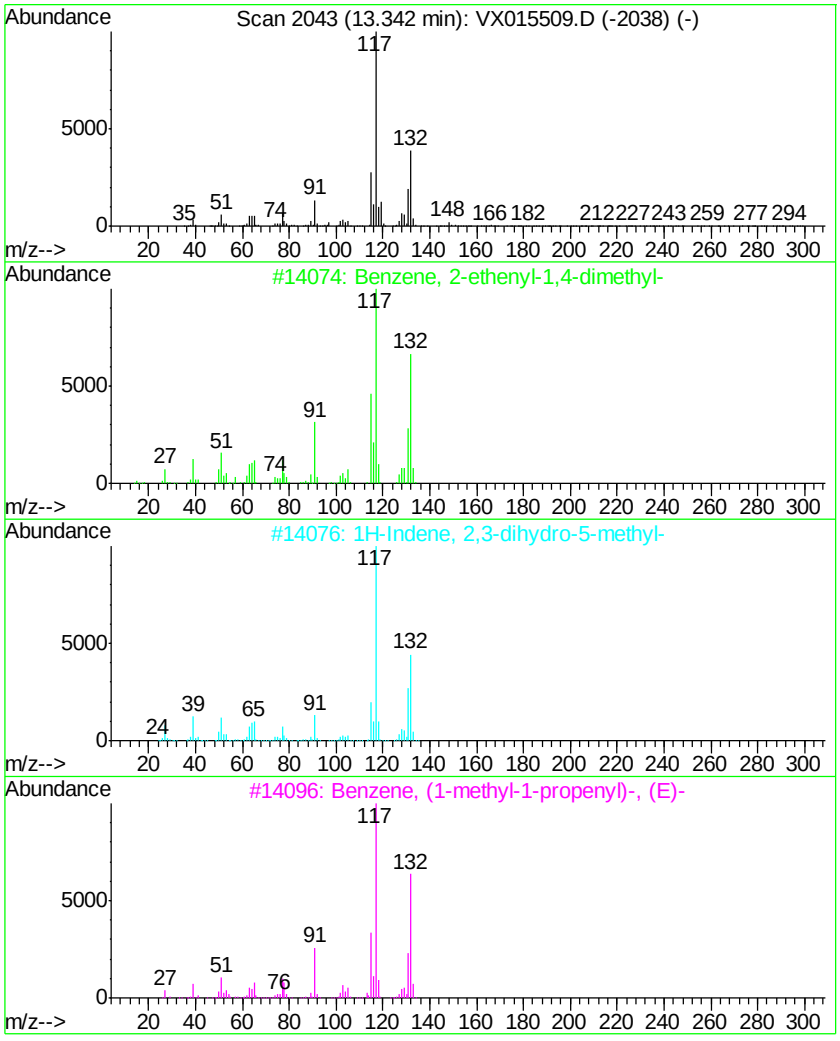
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

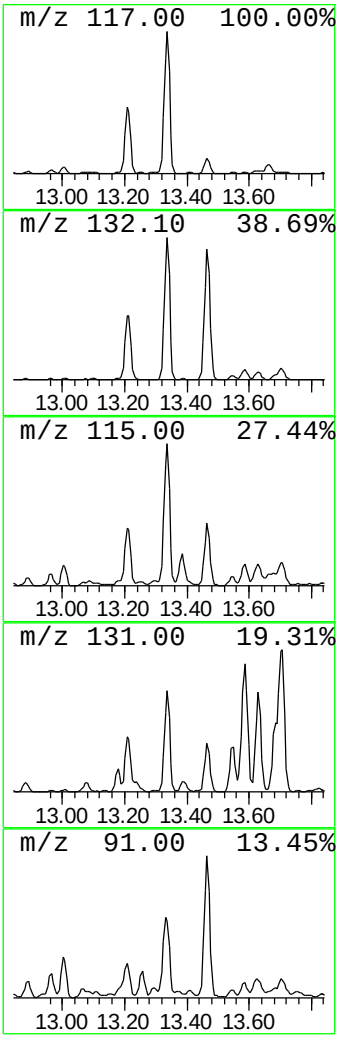
****

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	86.43 ug/l	10998000	1,4-Dichlorobenzene-d4	12.06

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-5-methyl-	132	C10H12	000874-35-1	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040620\
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Operator : JC/SP
Sample : L2097-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40772

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260

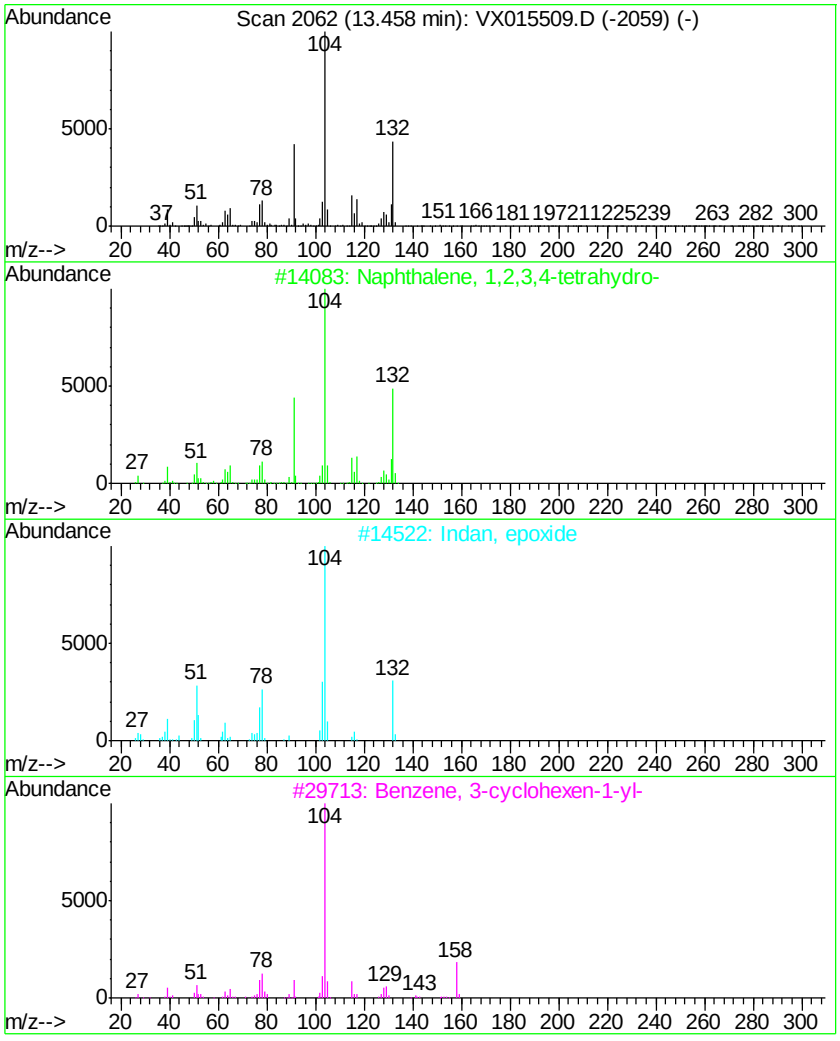
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

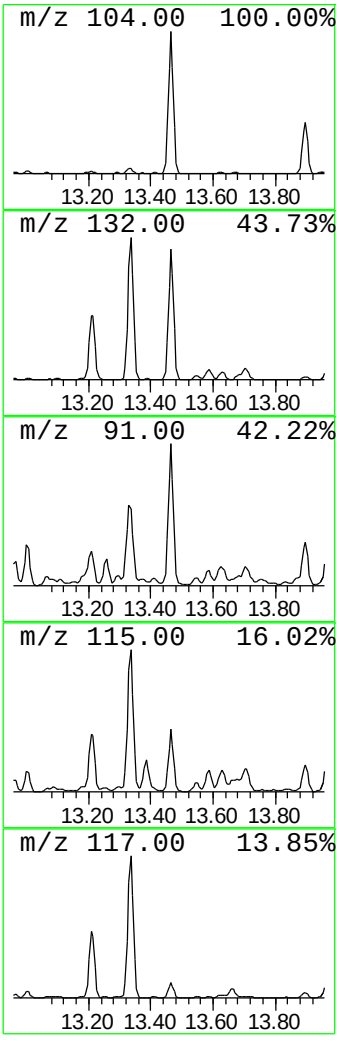
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	63.44 ug/l	8071980	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Indan, epoxide	132	C9H8O	000768-22-9	58
3	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	50
4	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	50
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040620\
Data File : VX015509.D
Acq On : 06 Apr 2020 13:55
Operator : JC/SP
Sample : L2097-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40772

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260

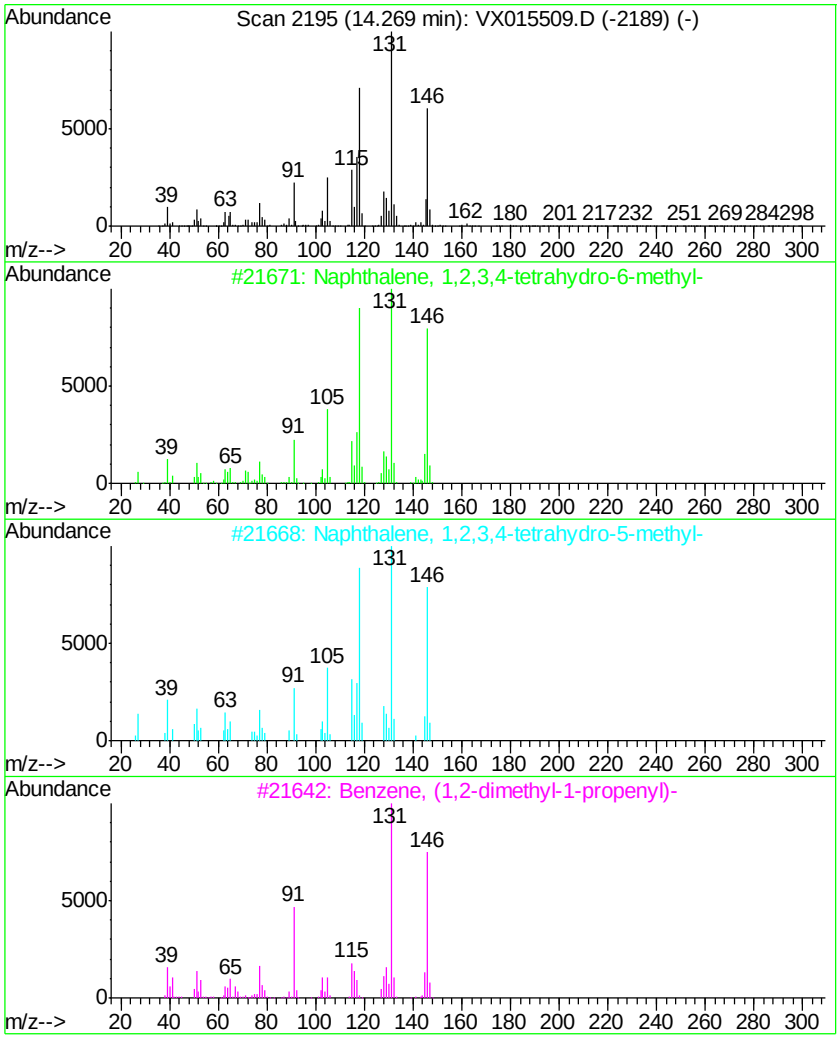
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

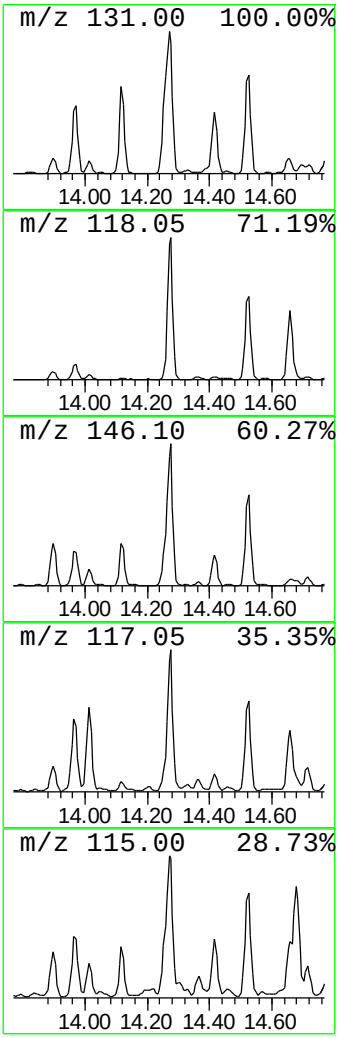
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	85.03 ug/l	10819800	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	92
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	81
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040620\
Data File : VX015509.D
Acq On : 06 Apr 2020 13:55
Operator : JC/SP
Sample : L2097-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40772

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260

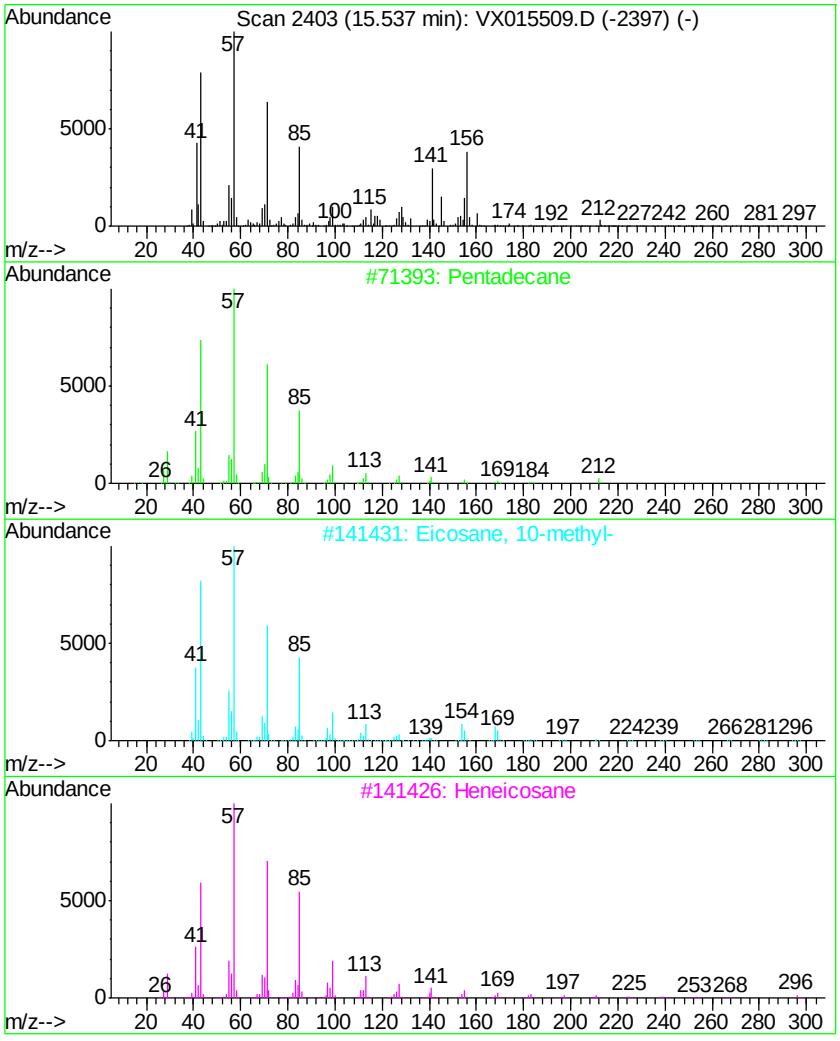
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

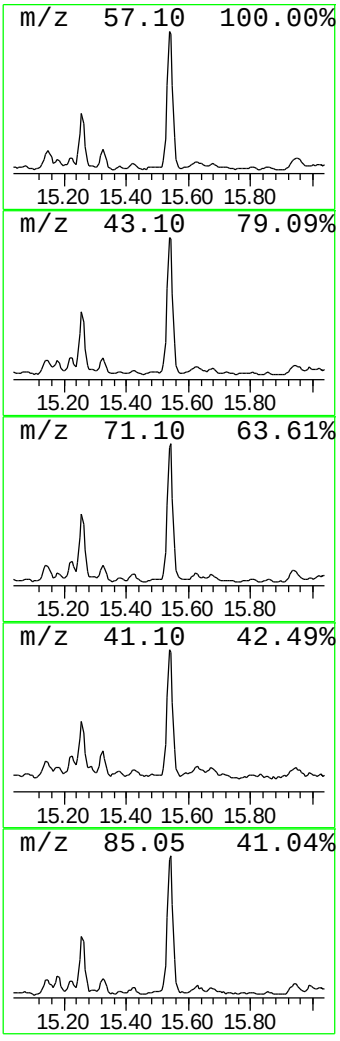
****

Peak Number 10 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	42.91 ug/l	5459750	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	70
3	Heneicosane	296	C21H44	000629-94-7	49
4	Tridecane	184	C13H28	000629-50-5	46
5	Tetradecane	198	C14H30	000629-59-4	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040620\
Data File : VX015509.D
Acq On : 06 Apr 2020 13:55
Operator : JC/SP
Sample : L2097-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40772

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.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
Hydrazine, methyl-	2.15	1695.1	ug/l	111994000	1	5.64	3303470	50.0
Benzene, 1-ethyl-...	11.42	56.5	ug/l	7186310	4	12.06	6362190	50.0
Benzene, 1,2,3-tr...	12.13	44.3	ug/l	5635460	4	12.06	6362190	50.0
1H-Indene, 2,3-di...	13.21	34.6	ug/l	4408760	4	12.06	6362190	50.0
Benzene, 2-etheny...	13.34	86.4	ug/l	10998000	4	12.06	6362190	50.0
Naphthalene, 1,2,...	13.46	63.4	ug/l	8071980	4	12.06	6362190	50.0
Naphthalene, 1,2,...	14.27	85.0	ug/l	10819800	4	12.06	6362190	50.0
Pentadecane	15.54	42.9	ug/l	5459750	4	12.06	6362190	50.0