LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021919\
Data File : VX007613.D
Acq On : 19 Feb 2019 15:10
Operator : JC/SP
Sample : K1528-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

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\82X020119W.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	1.617	67	76	79	rVB4	23824	48129	1.63%	0.150%
2	5.507	703	714	728	rBV	266491	768956	26.04%	2.393%
3	5.665	728	740	756	rVB	434803	1215553	41.17%	3.783%
4	6.068	797	806	820	rBV	268669	687445	23.28%	2.140%
5	6.860	925	936	950	rBV	655331	1536748	52.05%	4.783%
6	8.713	1225	1240	1254	rBV	1391828	2177272	73.74%	6.777%
7	10.110	1463	1469	1477	rBV	1377268	1895794	64.21%	5.901%
8	11.134	1631	1637	1643	rBV	1179718	1539639	52.14%	4.792%
9	11.945	1766	1770	1775	rVB	137014	167069	5.66%	0.520%
10	12.079	1786	1792	1801	rBV	1520173	1953889	66.17%	6.081%
11	12.298	1823	1828	1835	rBV	401216	503827	17.06%	1.568%
12	12.365	1835	1839	1847	rVB	93371	124128	4.20%	0.386%
13	12.664	1881	1888	1890	rVV4	21756	34579	1.17%	0.108%
14	12.701	1890	1894	1898	rVB	192368	227178	7.69%	0.707%
15	12.755	1898	1903	1910	rBV2	416196	662446	22.44%	2.062%
16	12.896	1921	1926	1931	rVB	110143	159187	5.39%	0.495%
17	12.951	1931	1935	1938	rBV	37348	54160	1.83%	0.169%
18	13.018	1943	1946	1951	rVB	44640	54699	1.85%	0.170%
19	13.079	1951	1956	1962	rVB2	167127	265867	9.00%	0.828%
20	13.152	1962	1968	1971	rBV	141093	204302	6.92%	0.636%
21	13.188	1971	1974	1977	rVV	216815	229230	7.76%	0.713%
22	13.225	1977	1980	1982	rVV	122281	136716	4.63%	0.426%
23	13.249	1982	1984	1989	rVB	104406	116739	3.95%	0.363%
24	13.310	1989	1994	1996	rBV2	40337	58423	1.98%	0.182%
25	13.347	1996	2000	2005	rBV3	84051	127585	4.32%	0.397%
26	13.420	2005	2012	2015	rBV2	123426	256041	8.67%	0.797%
27	13.481	2019	2022	2029	rVB2	72752	102853	3.48%	0.320%
28	13.560	2029	2035	2038	rBV3	243591	382831	12.97%	1.192%
29	13.597	2038	2041	2045	rVV	764970	967604	32.77%	3.012%
30	13.652	2045	2050	2052	rVV4	116190	193248	6.54%	0.601%
31	13.719	2052	2061	2069	rVB3	895806	1847798	62.58%	5.751%
32	13.804	2070	2075	2079	rBV	135801	164690	5.58%	0.513%
33	13.853	2079	2083	2088	rBV4	58219	102419	3.47%	0.319%
34	13.908	2088	2092	2098	rVB	1247306	1540862	52.19%	4.796%

LSC Area Percent Report

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Operator : JC/SP
Sample : K1528-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

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\82X020119W.M
Title : SW846 8260

35	13.981	2098	2104	2109	rBV	1114497	1380109	46.74%	4.296%
36	14.030	2109	2112	2115	rBV	92544	114265	3.87%	0.356%
37	14.060	2115	2117	2121	rVB	91962	98411	3.33%	0.306%
38	14.133	2124	2129	2132	rBV	373788	490499	16.61%	1.527%
39	14.164	2132	2134	2140	rVB3	43321	53928	1.83%	0.168%
40	14.219	2140	2143	2146	rBV	46557	52649	1.78%	0.164%
41	14.286	2146	2154	2160	rBV	2324229	2952691	100.00%	9.190%
42	14.341	2160	2163	2166	rBV	87471	85252	2.89%	0.265%
43	14.377	2166	2169	2173	rBV	173287	192856	6.53%	0.600%
44	14.432	2173	2178	2182	rVB	609601	791189	26.80%	2.463%
45	14.475	2182	2185	2190	rVB2	57511	85650	2.90%	0.267%
46	14.542	2190	2196	2200	rBV2	218404	358359	12.14%	1.115%
47	14.584	2200	2203	2208	rVB3	62435	87321	2.96%	0.272%
48	14.670	2208	2217	2224	rBV2	624492	1269406	42.99%	3.951%
49	14.731	2224	2227	2231	rVB	453322	557841	18.89%	1.736%
50	14.786	2231	2236	2240	rVB2	164091	211804	7.17%	0.659%
51	14.847	2240	2246	2248	rBV	148295	219011	7.42%	0.682%
52	14.877	2248	2251	2253	rBV2	117724	108197	3.66%	0.337%
53	14.901	2253	2255	2260	rVB	206839	254320	8.61%	0.792%
54	14.962	2260	2265	2271	rBV2	202329	437021	14.80%	1.360%
55	15.017	2271	2274	2282	rVB5	41738	110846	3.75%	0.345%
56	15.109	2282	2289	2293	rBV3	37017	69825	2.36%	0.217%
57	15.249	2306	2312	2314	rBV	352632	565050	19.14%	1.759%
58	15.322	2320	2324	2331	rVB3	95116	167093	5.66%	0.520%
59	15.444	2339	2344	2346	rBV2	63623	96584	3.27%	0.301%
60	15.474	2346	2349	2353	rVB	139783	176965	5.99%	0.551%
61	15.548	2358	2361	2365	rVV2	34786	56149	1.90%	0.175%
62	15.596	2365	2369	2374	rVV3	76195	141853	4.80%	0.442%
63	15.682	2378	2383	2387	rVV4	60010	111080	3.76%	0.346%
64	15.724	2387	2390	2398	rVB6	49808	100009	3.39%	0.311%
65	15.810	2398	2404	2405	rBV2	25863	44634	1.51%	0.139%
66	16.102	2449	2452	2457	rVB3	25029	37825	1.28%	0.118%
67	16.377	2493	2497	2503	rBV7	17392	29656	1.00%	0.092%
68	16.468	2510	2512	2523	rVB8	19344	47817	1.62%	0.149%
69	16.627	2531	2538	2546	rBV4	28671	64385	2.18%	0.200%

Sum of corrected areas: 32128456

LSC Report - Integrated Chromatogram

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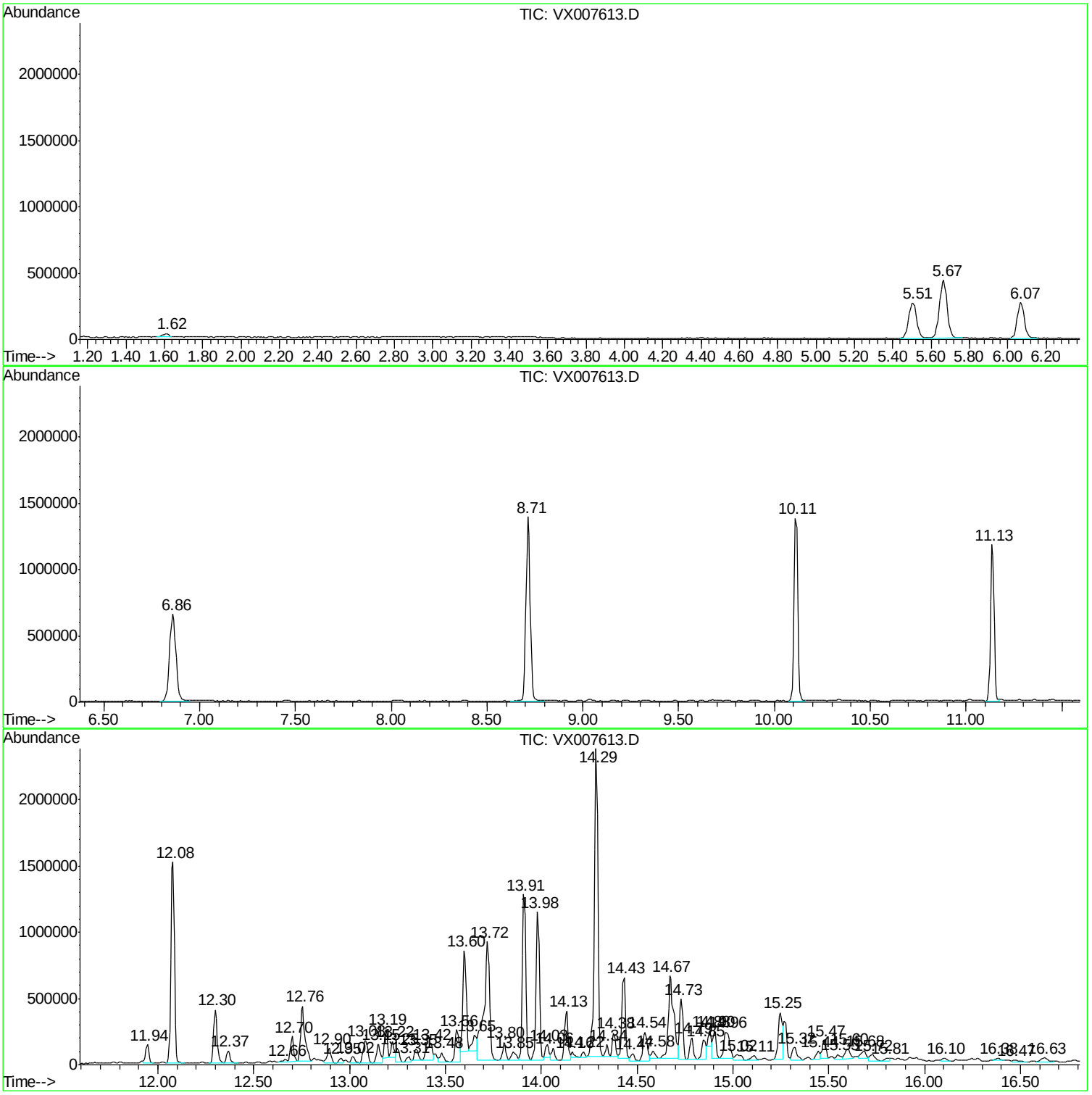
Sample : K1528-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.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_X\DATA\VX021919\
Data File : VX007613.D
Acq On : 19 Feb 2019 15:10
Operator : JC/SP
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Quant Title : SW846 8260

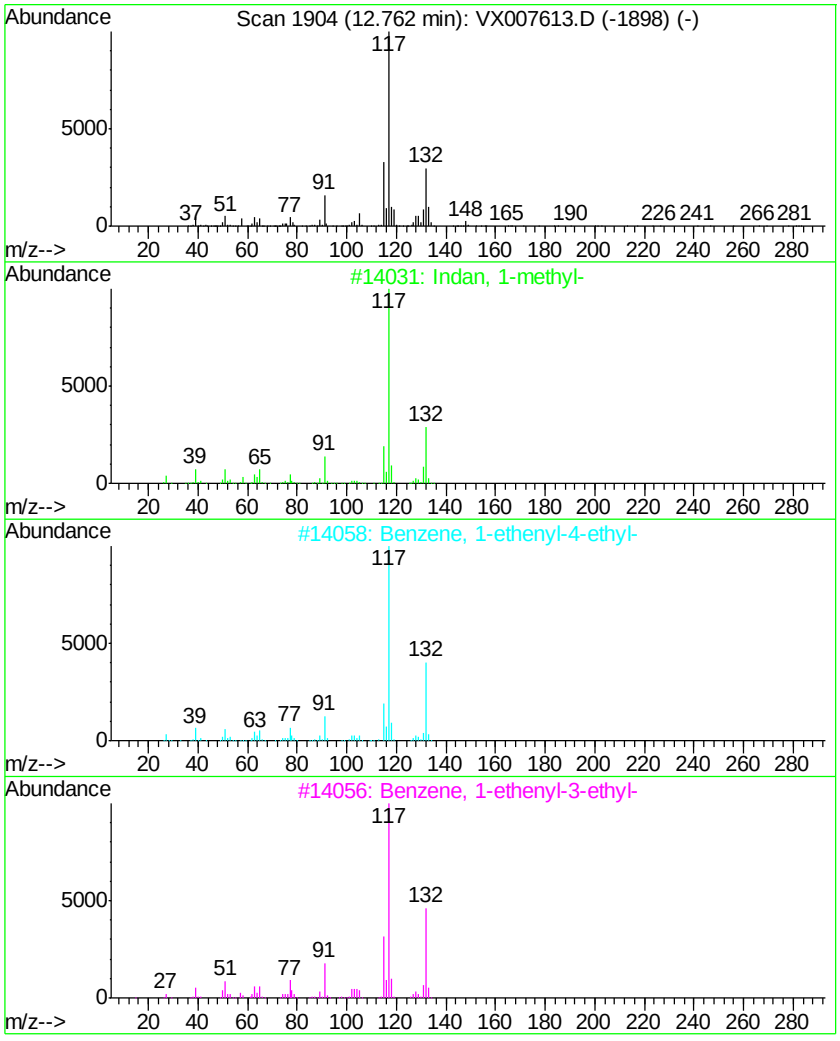
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

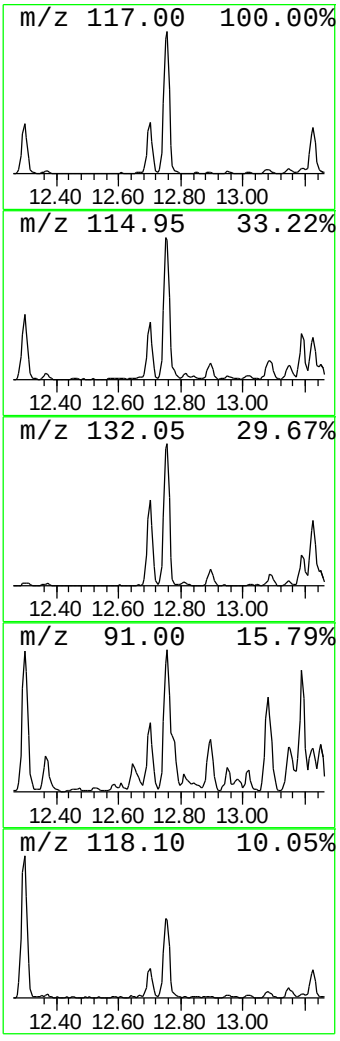
****

Peak Number 1 Indan, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	16.95 ug/l	662446	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021919\
Data File : VX007613.D
Acq On : 19 Feb 2019 15:10
Operator : JC/SP
Sample : K1528-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260

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

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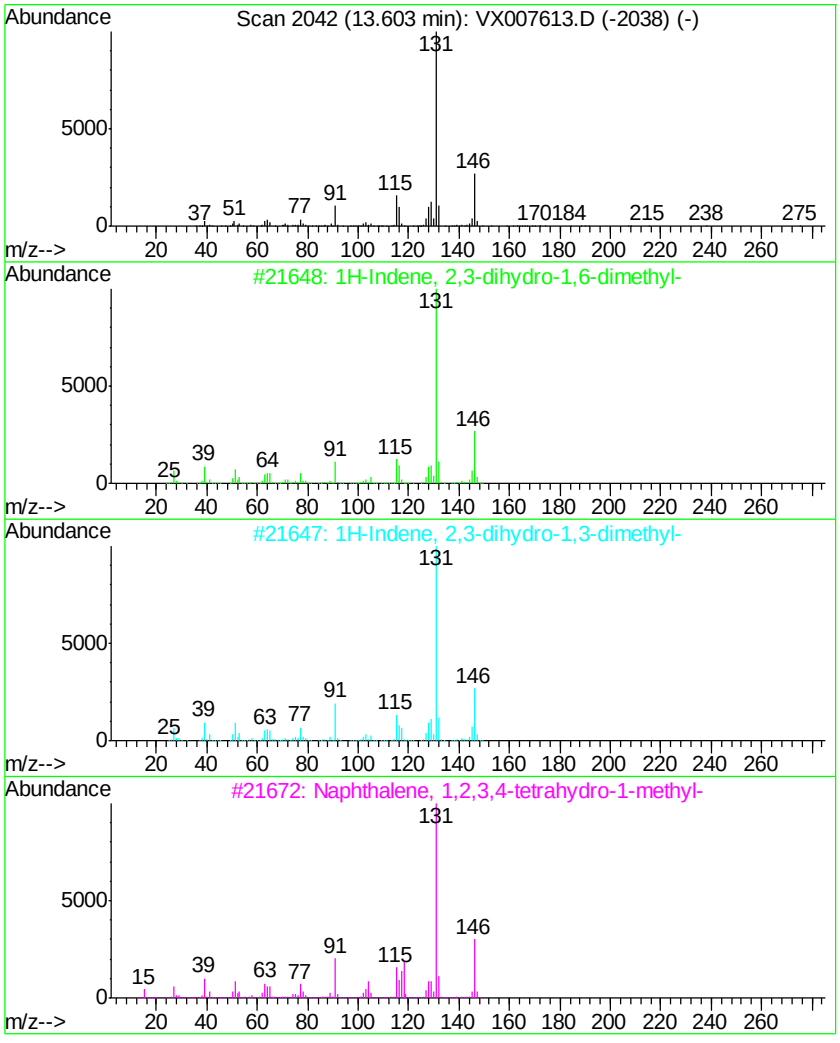
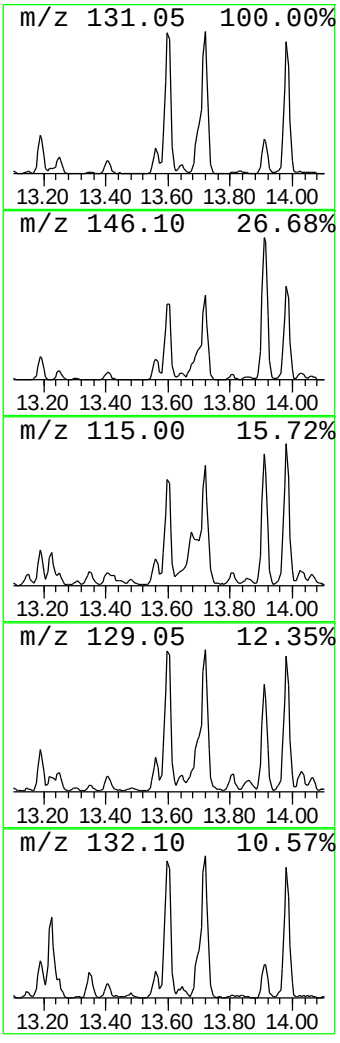
Peak Number 2 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	24.76 ug/l	967604	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-1,3-dimet...	146	C11H14	004175-53-5	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021919\
Data File : VX007613.D
Acq On : 19 Feb 2019 15:10
Operator : JC/SP
Sample : K1528-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260

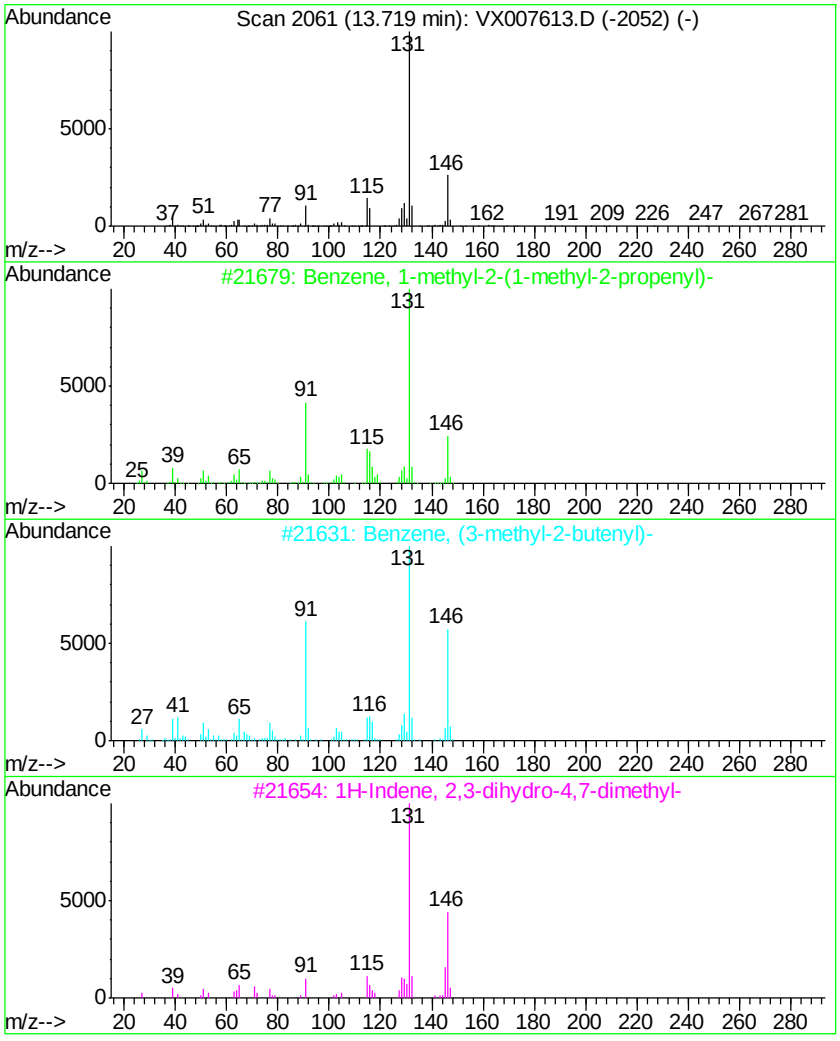
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

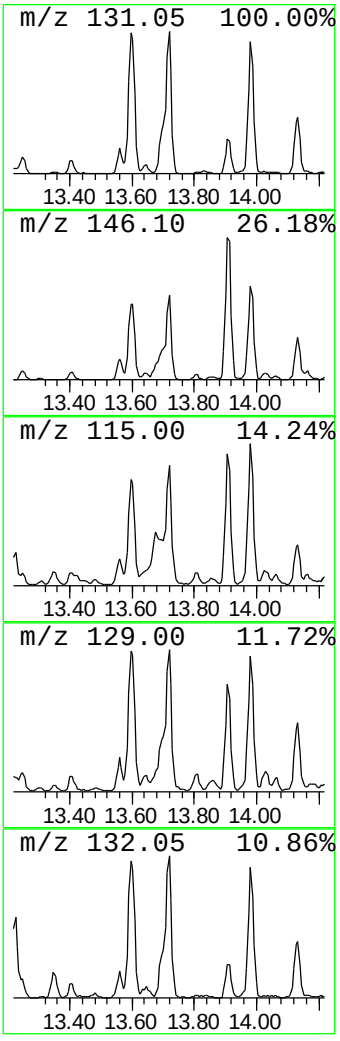
****

Peak Number 3 Benzene, 1-methyl-2-(1-meth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	47.29 ug/l	1847800	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	91
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021919\
Data File : VX007613.D
Acq On : 19 Feb 2019 15:10
Operator : JC/SP
Sample : K1528-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260

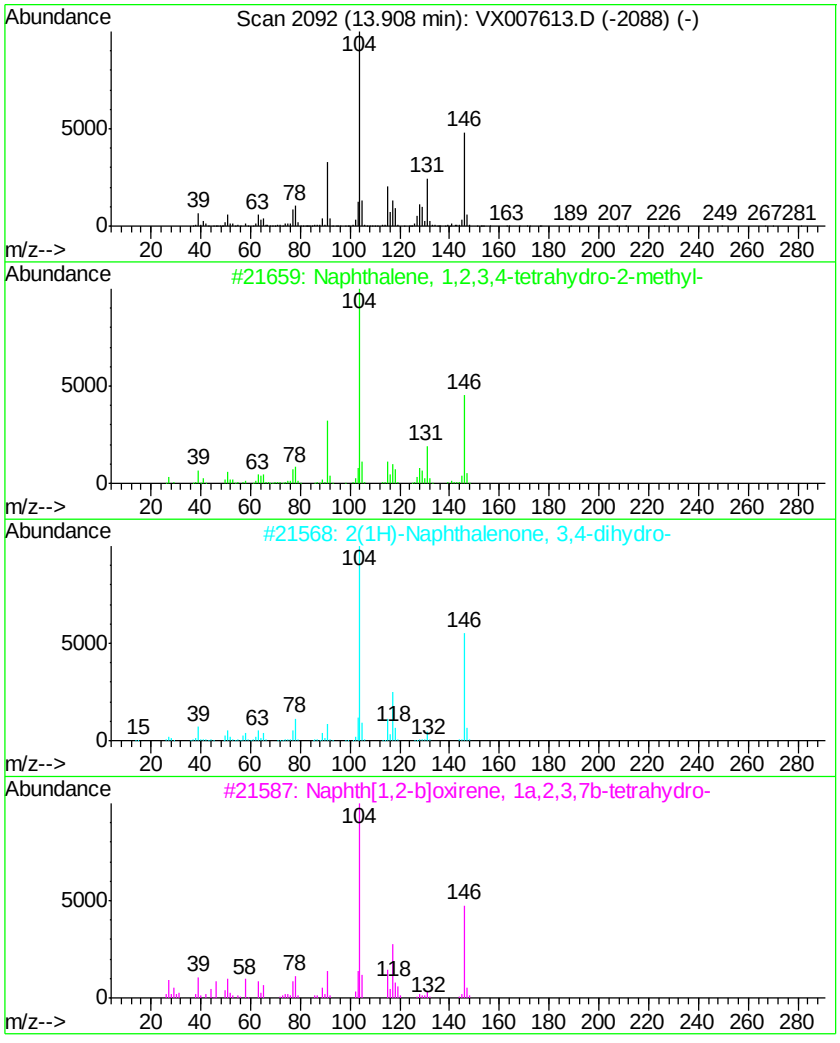
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

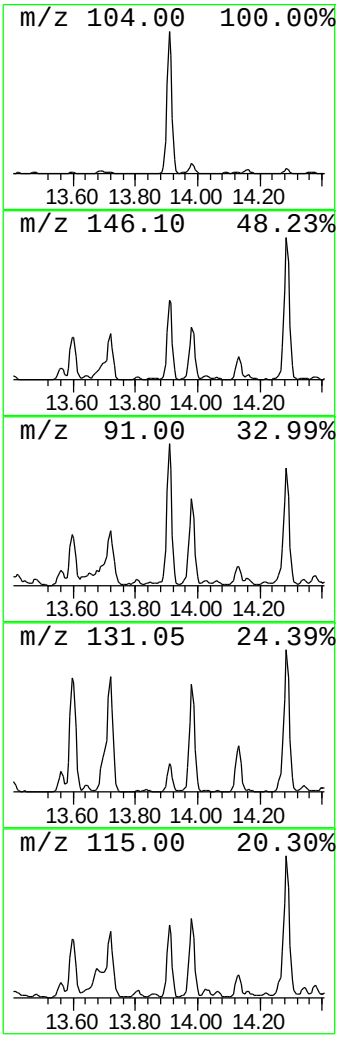
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	39.43 ug/l	1540860	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	96
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	62
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
4	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	35
5	Felbamate	238	C11H14N2O4	025451-15-4	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021919\
Data File : VX007613.D
Acq On : 19 Feb 2019 15:10
Operator : JC/SP
Sample : K1528-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260

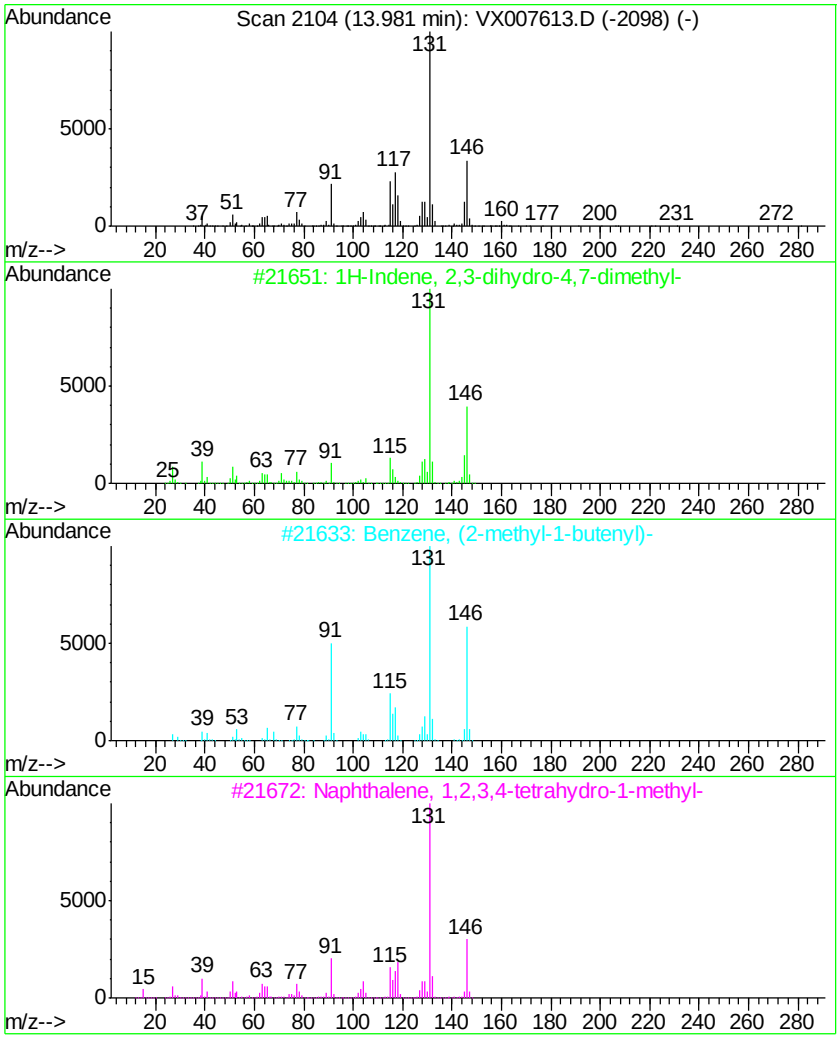
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

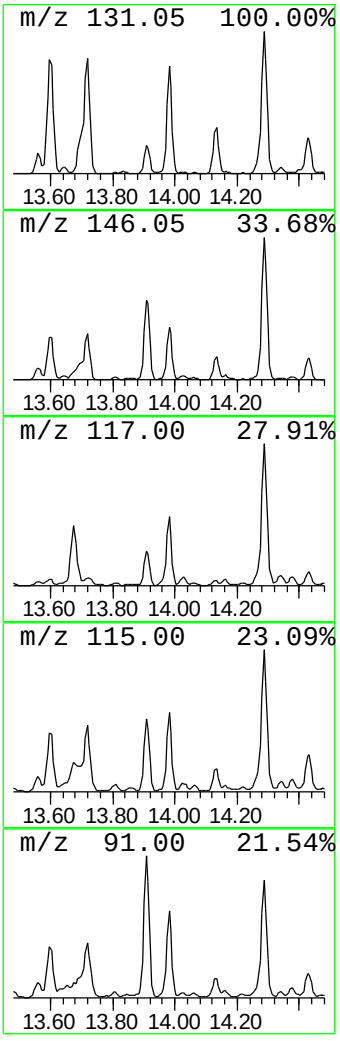
****

Peak Number 5 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	35.32 ug/l	1380110	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	93
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	81





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Operator : JC/SP
Sample : K1528-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260

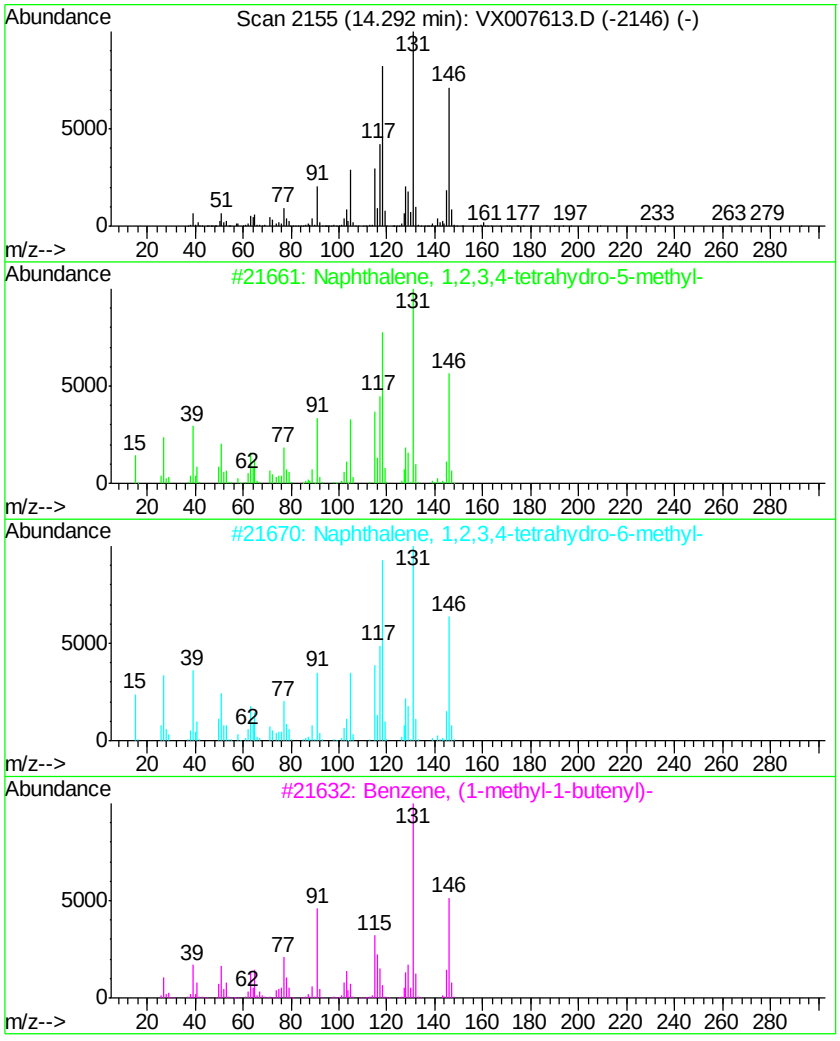
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

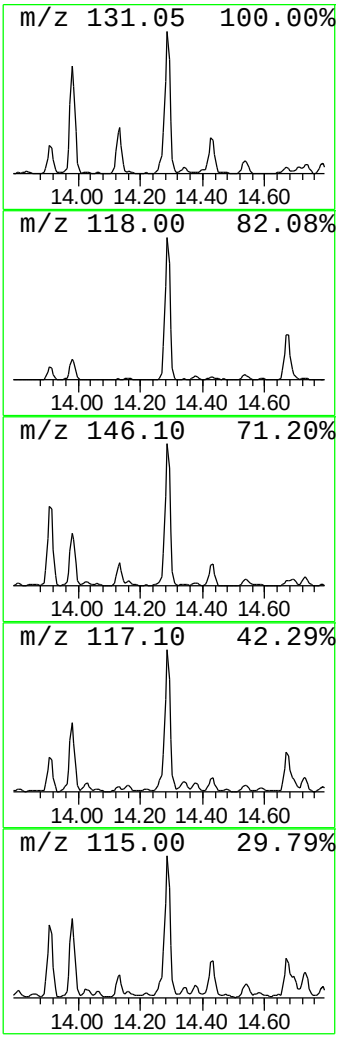
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	75.56 ug/l	2952690	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	78
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	74





Library Search Compound Report

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Data File : VX007613.D
Acq On : 19 Feb 2019 15:10
Operator : JC/SP
Sample : K1528-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260

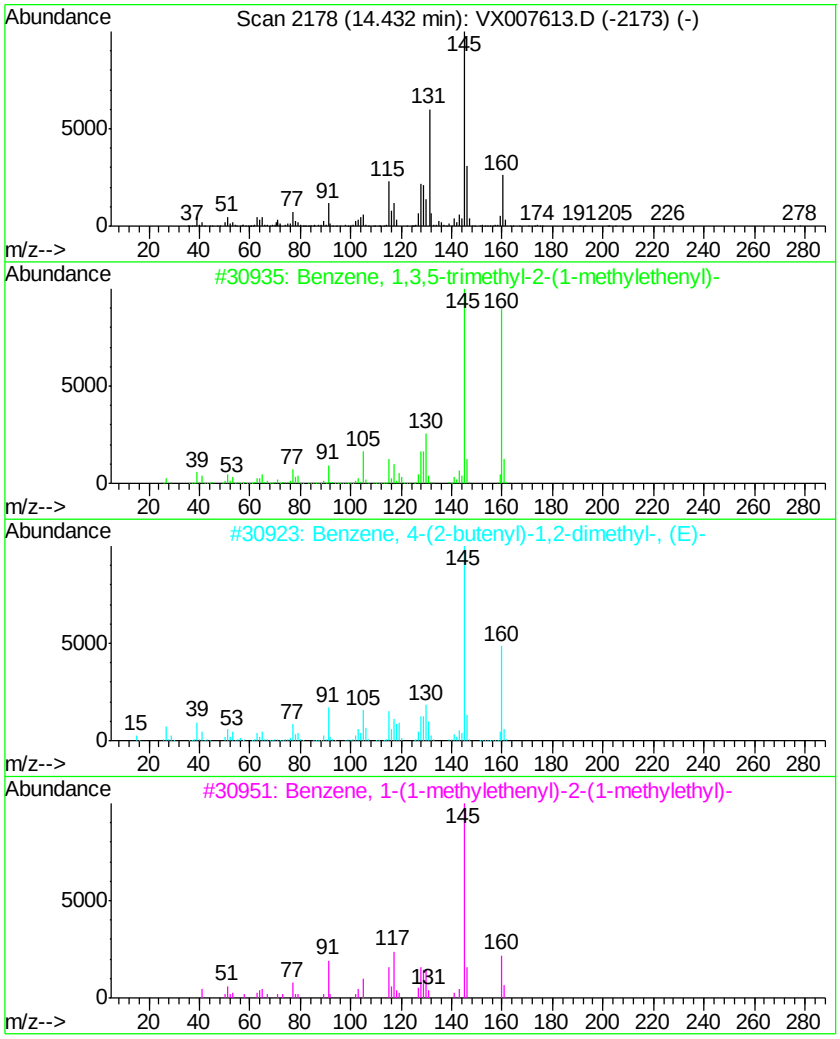
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

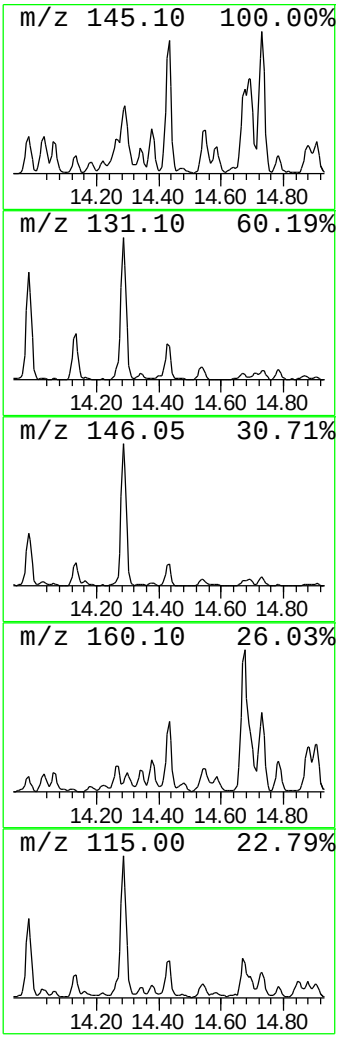
****

Peak Number 7 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	20.25 ug/l	791189	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	62
3	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	62
4	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	62
5	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	62





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Data File : VX007613.D
Acq On : 19 Feb 2019 15:10
Operator : JC/SP
Sample : K1528-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260

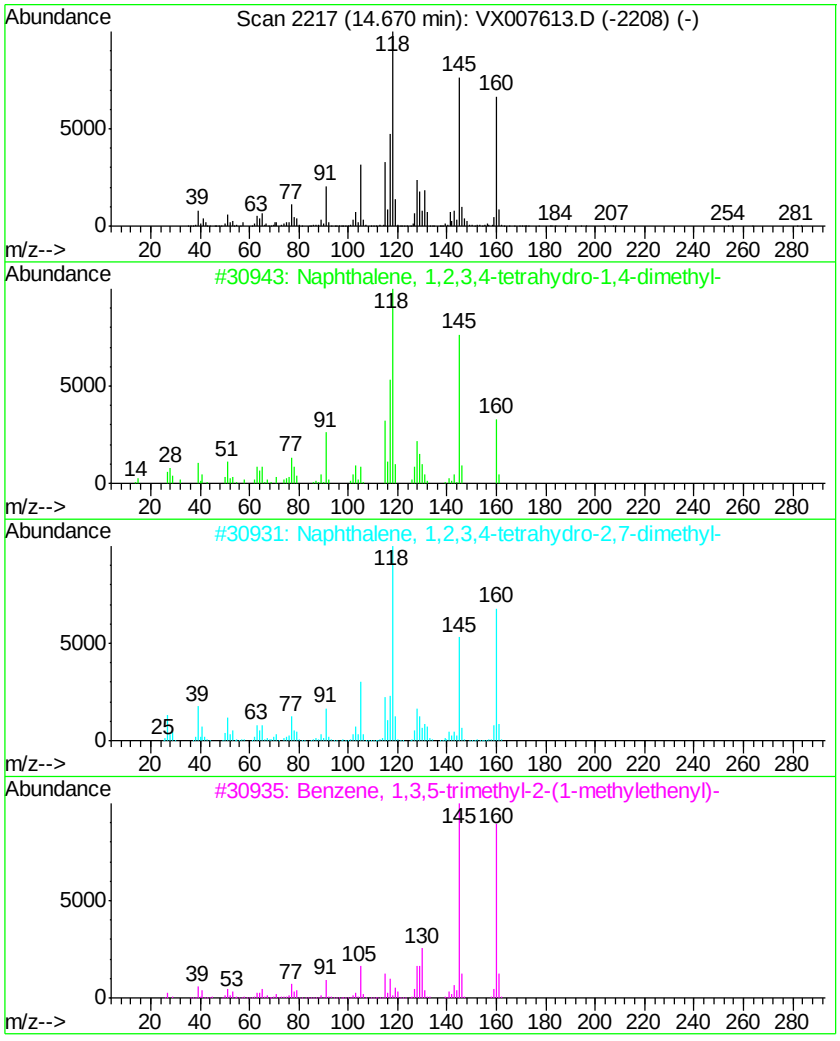
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

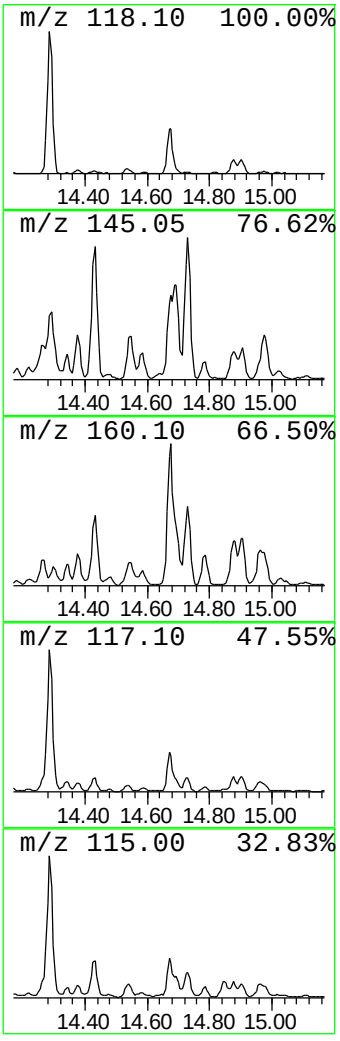
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	32.48 ug/l	1269410	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
4	Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	64
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021919\
Data File : VX007613.D
Acq On : 19 Feb 2019 15:10
Operator : JC/SP
Sample : K1528-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

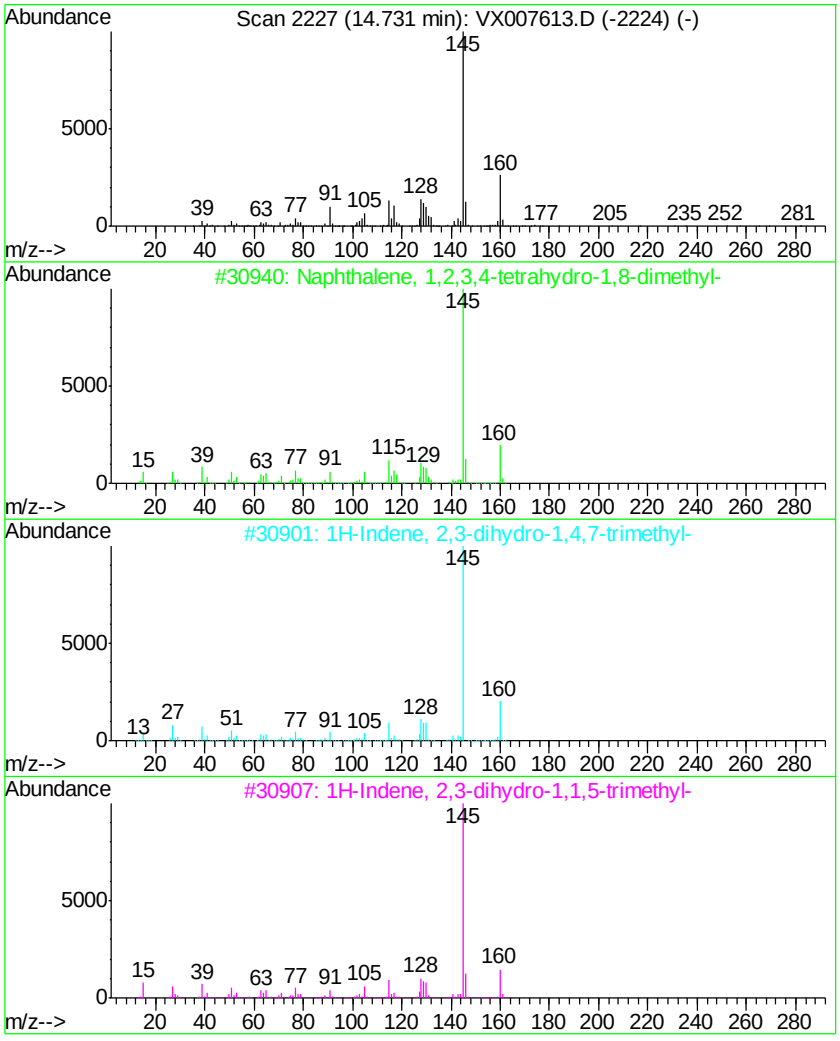
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260

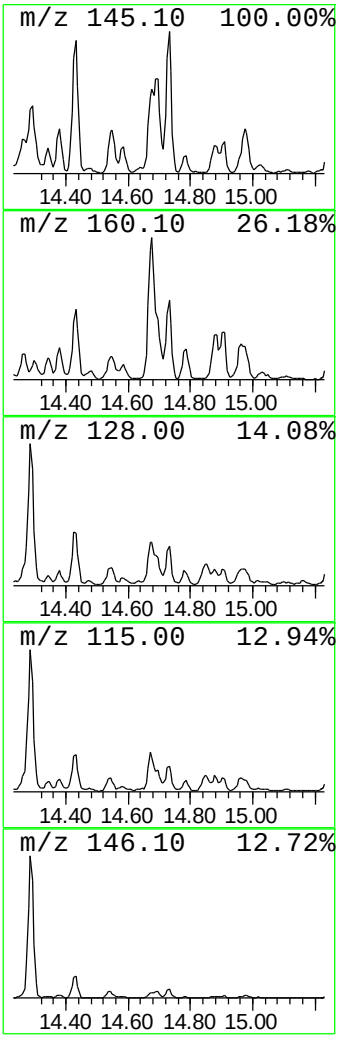
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-1,4,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	14.28 ug/l	557841	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	94
2	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	93
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	93
4	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	93
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021919\
Data File : VX007613.D
Acq On : 19 Feb 2019 15:10
Operator : JC/SP
Sample : K1528-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.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-	12.76	16.9	ug/l	662446	4	12.08	1953890	50.0
1H-Indene, 2,3-di...	13.60	24.8	ug/l	967604	4	12.08	1953890	50.0
Benzene, 1-methyl...	13.72	47.3	ug/l	1847800	4	12.08	1953890	50.0
Naphthalene, 1,2,...	13.91	39.4	ug/l	1540860	4	12.08	1953890	50.0
1H-Indene, 2,3-di...	13.98	35.3	ug/l	1380110	4	12.08	1953890	50.0
Naphthalene, 1,2,...	14.29	75.6	ug/l	2952690	4	12.08	1953890	50.0
Benzene, 1,3,5-tr...	14.43	20.3	ug/l	791189	4	12.08	1953890	50.0
Naphthalene, 1,2,...	14.67	32.5	ug/l	1269410	4	12.08	1953890	50.0
1H-Indene, 2,3-di...	14.73	14.3	ug/l	557841	4	12.08	1953890	50.0