LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
Data File : VN027279.D
Acq On : 18 Sep 2015 3:10
Operator : MD\FY
Sample : G3706-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

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 : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.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	1.947	100	111	148	rBV	174153	915572	15.52%	2.563%
2	2.352	230	237	257	rVB2	177964	373710	6.33%	1.046%
3	2.799	363	376	395	rVB2	109308	234656	3.98%	0.657%
4	3.834	676	698	719	rBV4	46722	159626	2.70%	0.447%
5	4.600	909	936	959	rBV2	116644	446358	7.56%	1.249%
6	5.143	1076	1105	1128	rBV2	38749	151898	2.57%	0.425%
7	6.458	1492	1514	1539	rBV5	42886	158561	2.69%	0.444%
8	6.625	1547	1566	1585	rBV2	50562	158381	2.68%	0.443%
9	6.831	1613	1630	1649	rBV2	89031	286958	4.86%	0.803%
10	7.500	1817	1838	1858	rVB3	50519	158555	2.69%	0.444%
11	7.677	1873	1893	1904	rBV	668146	1637182	27.74%	4.583%
12	7.754	1905	1917	1934	rVV	1155275	2841368	48.15%	7.954%
13	7.847	1935	1946	1971	rVB3	167231	456641	7.74%	1.278%
14	8.043	1992	2007	2017	rBV4	115365	286520	4.86%	0.802%
15	8.120	2017	2031	2056	rVV	883597	2006857	34.01%	5.618%
16	8.262	2057	2075	2088	rVV3	105495	295031	5.00%	0.826%
17	8.342	2088	2100	2109	rVV2	78714	185234	3.14%	0.519%
18	8.410	2109	2121	2139	rVB2	171749	411652	6.98%	1.152%
19	8.680	2184	2205	2233	rBV	1706828	3597019	60.95%	10.069%
20	9.152	2337	2352	2357	rBV2	166119	337741	5.72%	0.945%
21	9.468	2431	2450	2462	rVB6	67132	173131	2.93%	0.485%
22	9.615	2486	2496	2510	rVB9	34386	75826	1.28%	0.212%
23	9.715	2515	2527	2536	rBV3	66713	132965	2.25%	0.372%
24	9.911	2570	2588	2592	rBV5	50634	95751	1.62%	0.268%
25	9.947	2595	2599	2610	rVB4	59215	97607	1.65%	0.273%
26	10.075	2629	2639	2648	rBV3	37257	71999	1.22%	0.202%
27	10.191	2660	2675	2710	rBV	3137296	5901169	100.00%	16.519%
28	10.365	2717	2729	2751	rVB	174311	404320	6.85%	1.132%
29	10.545	2773	2785	2799	rVB	232728	425909	7.22%	1.192%
30	10.638	2799	2814	2830	rBV5	164315	372728	6.32%	1.043%
31	10.908	2885	2898	2905	rBV6	30552	79993	1.36%	0.224%
32	11.030	2928	2936	2942	rBV4	61337	98997	1.68%	0.277%
33	11.326	3017	3028	3045	rBV5	45345	115306	1.95%	0.323%
34	11.516	3074	3087	3100	rBV	2321117	3961419	67.13%	11.089%

LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
Data File : VN027279.D
Acq On : 18 Sep 2015 3:10
Operator : MD\FY
Sample : G3706-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

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 : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Title : SW846 8260

35	11.612	3112	3117	3126	rVB	42663	61802	1.05%	0.173%
36	11.770	3156	3166	3176	rBV6	53855	104858	1.78%	0.294%
37	12.033	3237	3248	3258	rBV4	49292	110942	1.88%	0.311%
38	12.094	3261	3267	3291	rVB7	54535	142484	2.41%	0.399%
39	12.236	3292	3311	3330	rBV7	75290	254783	4.32%	0.713%
40	12.358	3338	3349	3361	rVB2	120805	257369	4.36%	0.720%
41	12.519	3385	3399	3416	rBV	1918768	3210942	54.41%	8.988%
42	12.599	3418	3424	3435	rVB7	37266	66166	1.12%	0.185%
43	13.467	3682	3694	3710	rVB	1846713	3018403	51.15%	8.449%
44	13.635	3738	3746	3750	rBV	43274	68687	1.16%	0.192%
45	13.670	3751	3757	3773	rVB	107466	179164	3.04%	0.502%
46	13.799	3790	3797	3805	rVB3	89607	137599	2.33%	0.385%
47	14.014	3856	3864	3872	rBV	65611	94716	1.61%	0.265%
48	14.188	3909	3918	3929	rVB9	81868	153961	2.61%	0.431%
49	14.262	3930	3941	3948	rBV3	83798	154484	2.62%	0.432%
50	14.339	3957	3965	3977	rVB3	229122	377038	6.39%	1.055%
51	14.715	4078	4082	4096	rVB6	41899	77718	1.32%	0.218%
52	14.988	4162	4167	4175	rVB6	50752	73465	1.24%	0.206%
53	15.869	4438	4441	4453	rVB4	48363	72659	1.23%	0.203%

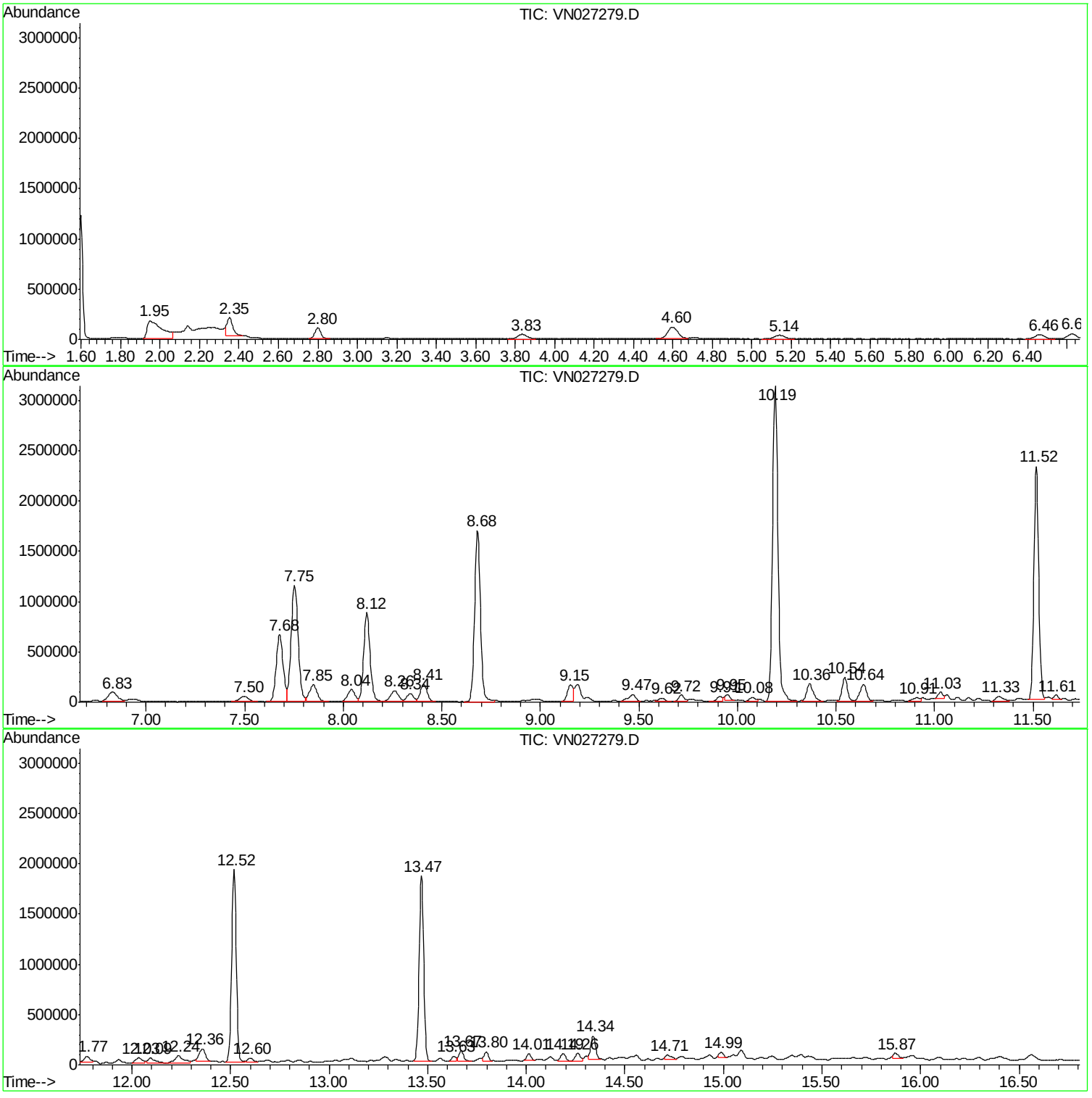
Sum of corrected areas: 35723880

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
Data File : VN027279.D
Acq On : 18 Sep 2015 3:10
Operator : MD\FY
Sample : G3706-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
Data File : VN027279.D
Acq On : 18 Sep 2015 3:10
Operator : MD\FY
Sample : G3706-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260

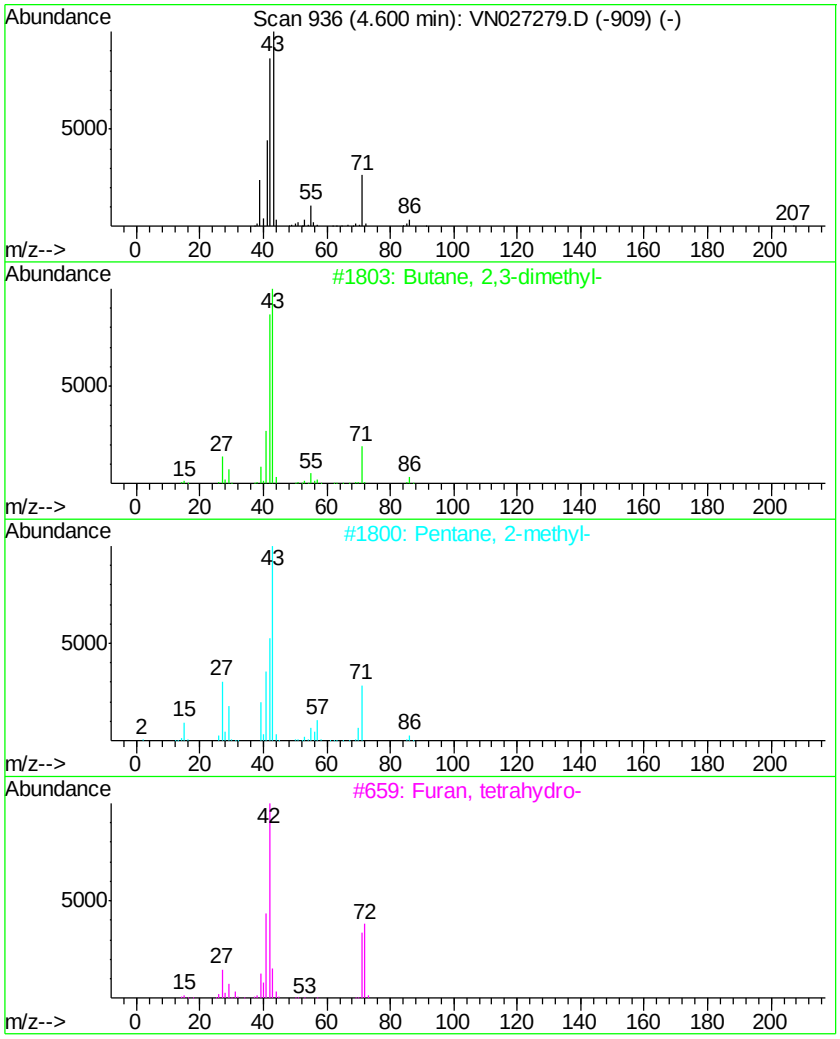
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

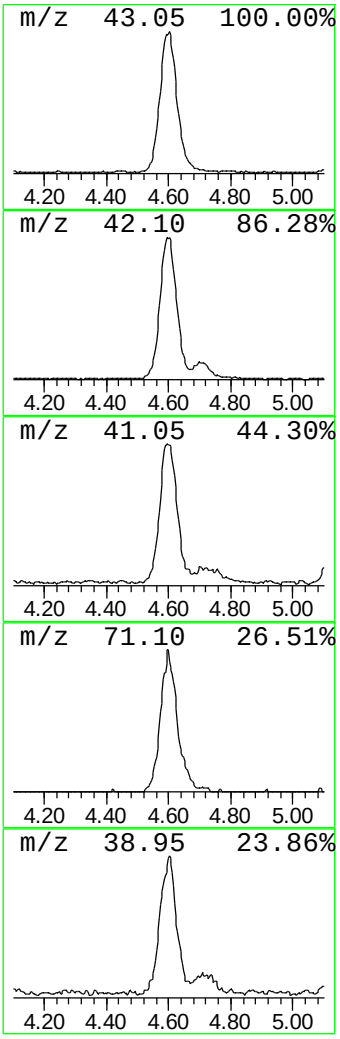
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	7.85 ug/l	446358	Pentafluorobenzene	7.75

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	47
3	Furan, tetrahydro-	72	C4H8O	000109-99-9	38
4	Pentane	72	C5H12	000109-66-0	36
5	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	10





Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
Data File : VN027279.D
Acq On : 18 Sep 2015 3:10
Operator : MD\FY
Sample : G3706-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260

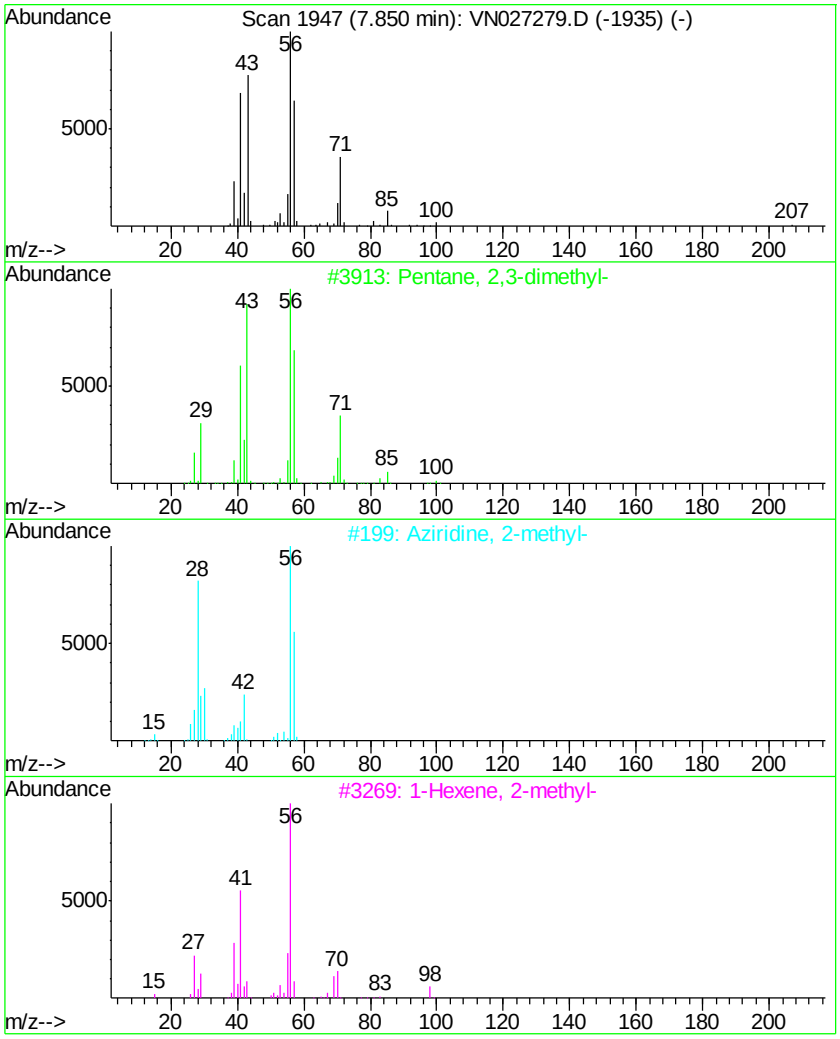
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

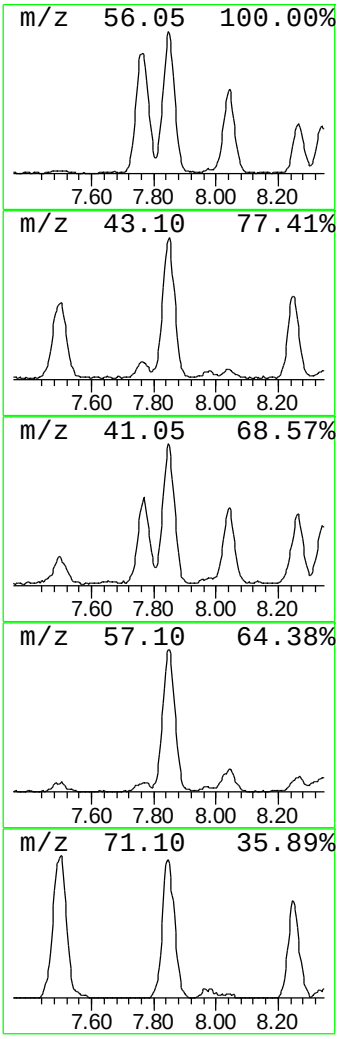
****

Peak Number 5 Pentane, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	8.04 ug/l	456641	Pentafluorobenzene	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	49
3	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	38
4	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	38
5	4-Penten-2-ol, 4-methyl-	100	C6H12O	002004-67-3	38





Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
Data File : VN027279.D
Acq On : 18 Sep 2015 3:10
Operator : MD\FY
Sample : G3706-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260

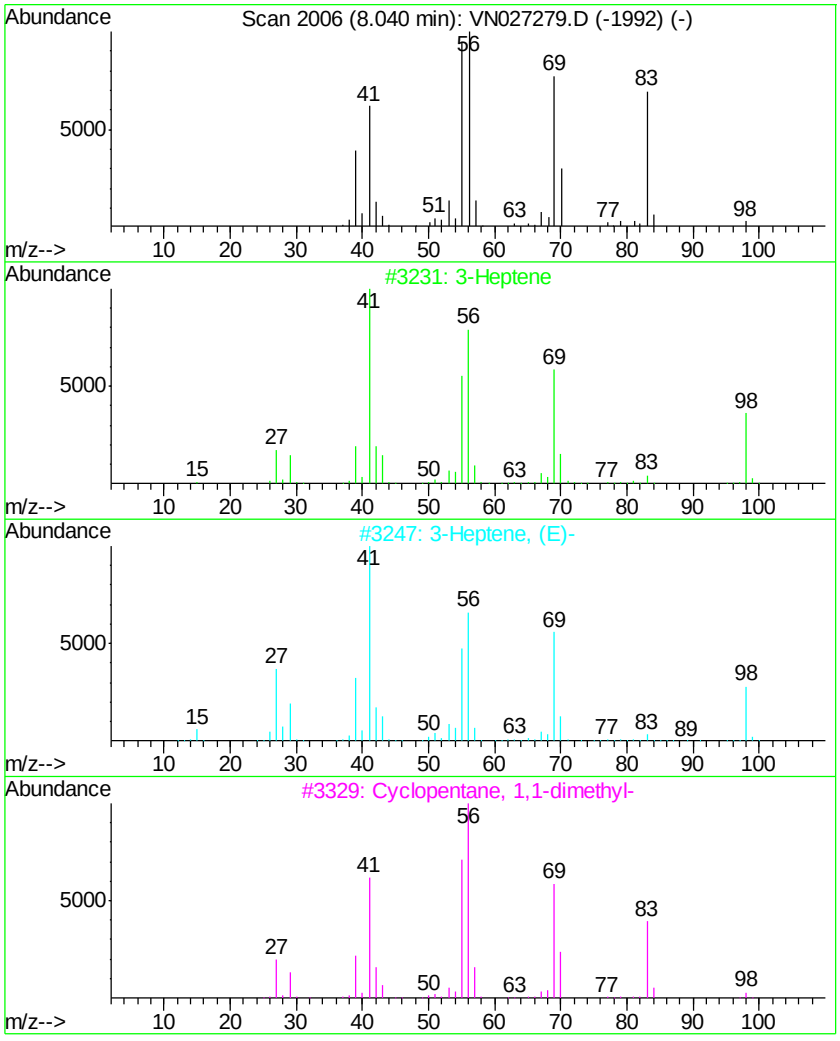
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

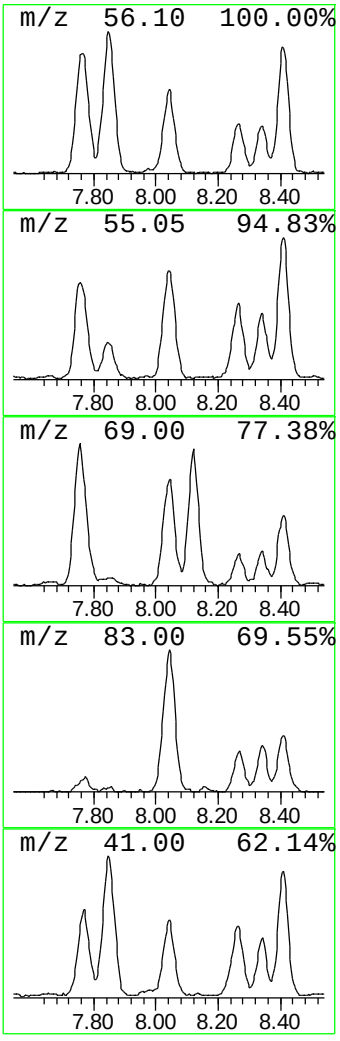
****

Peak Number 6 3-Heptene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	5.04 ug/l	286520	Pentafluorobenzene	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene	98	C7H14	000592-78-9	87
2	3-Heptene, (E)-	98	C7H14	014686-14-7	59
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	49
4	2-Heptene, (E)-	98	C7H14	014686-13-6	43
5	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	43





Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
Data File : VN027279.D
Acq On : 18 Sep 2015 3:10
Operator : MD\FY
Sample : G3706-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260

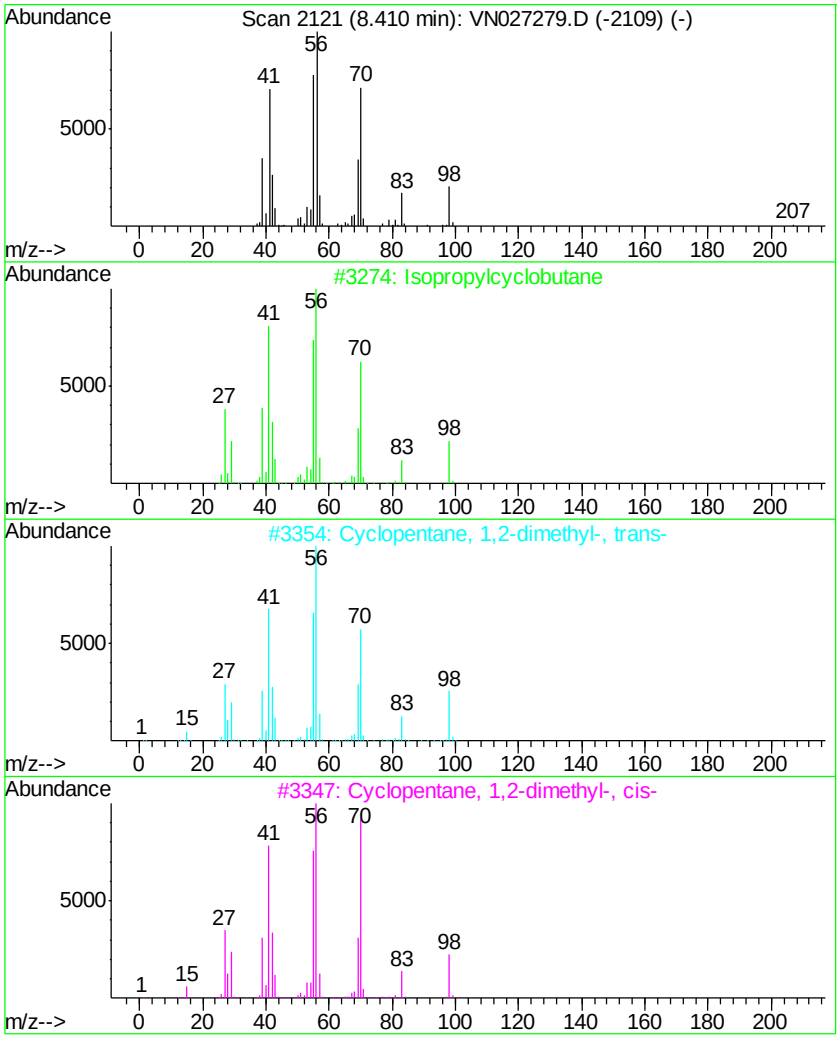
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

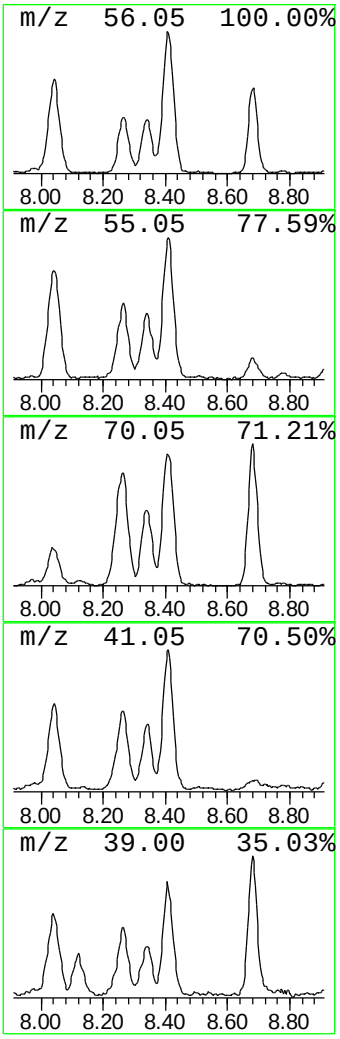
****

Peak Number 7 Isopropylcyclobutane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	5.72 ug/l	411652	1,4-Difluorobenzene	8.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	97
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
4	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
5	1-Heptene	98	C7H14	000592-76-7	86





Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
Data File : VN027279.D
Acq On : 18 Sep 2015 3:10
Operator : MD\FY
Sample : G3706-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260

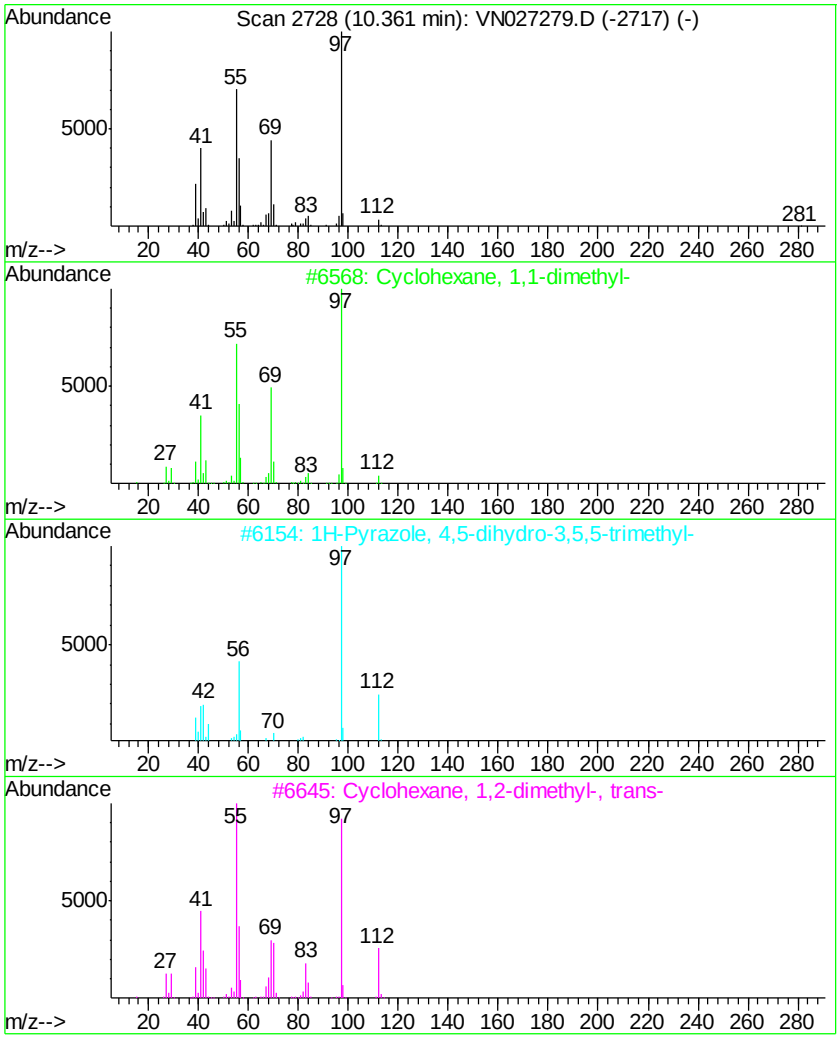
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

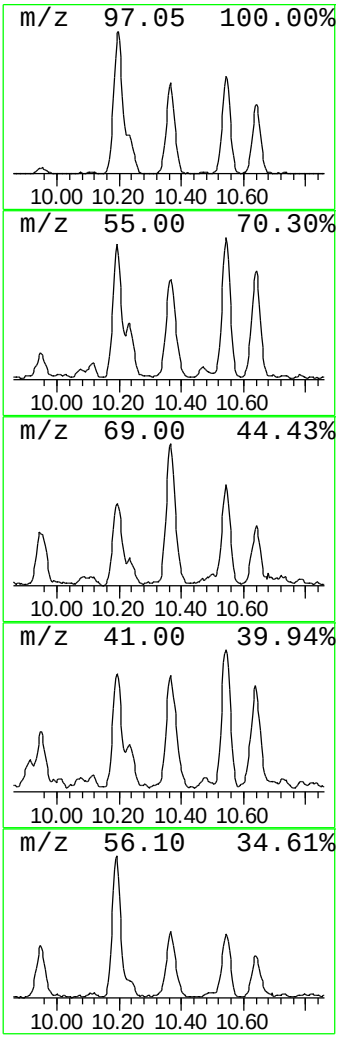
****

Peak Number 8 Cyclohexane, 1,1-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	5.10 ug/l	404320	Chlorobenzene-d5	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	97
2	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	80
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	64
4	1,3-Dimethylcyclohexane,c&t	112	C8H16	000591-21-9	64
5	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	50





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Operator : MD\FY
Sample : G3706-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260

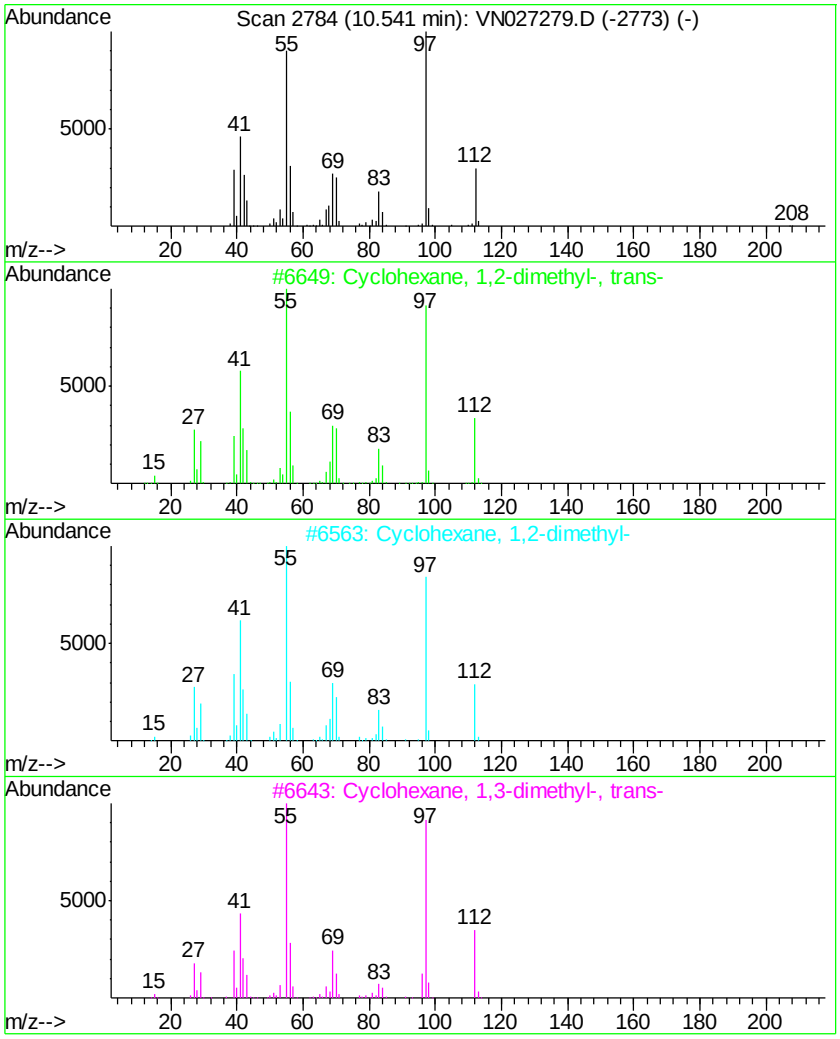
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

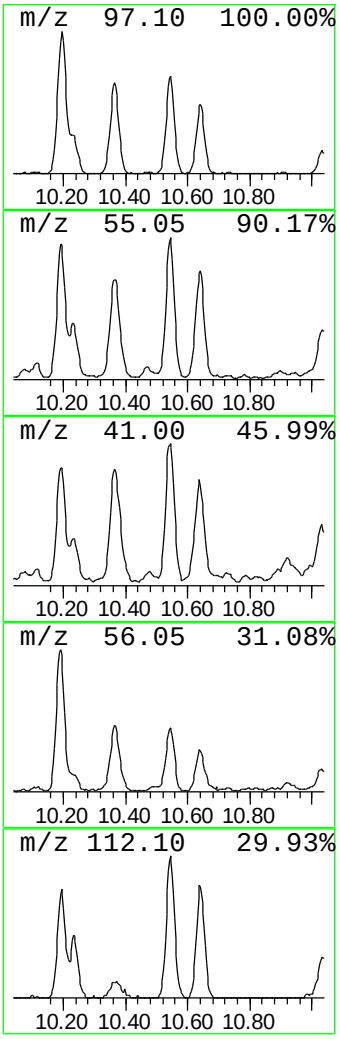
****

Peak Number 9 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	5.38 ug/l	425909	Chlorobenzene-d5	11.52

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-	112	C8H16	000583-57-3	94
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	83





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Data File : VN027279.D
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Operator : MD\FY
Sample : G3706-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260

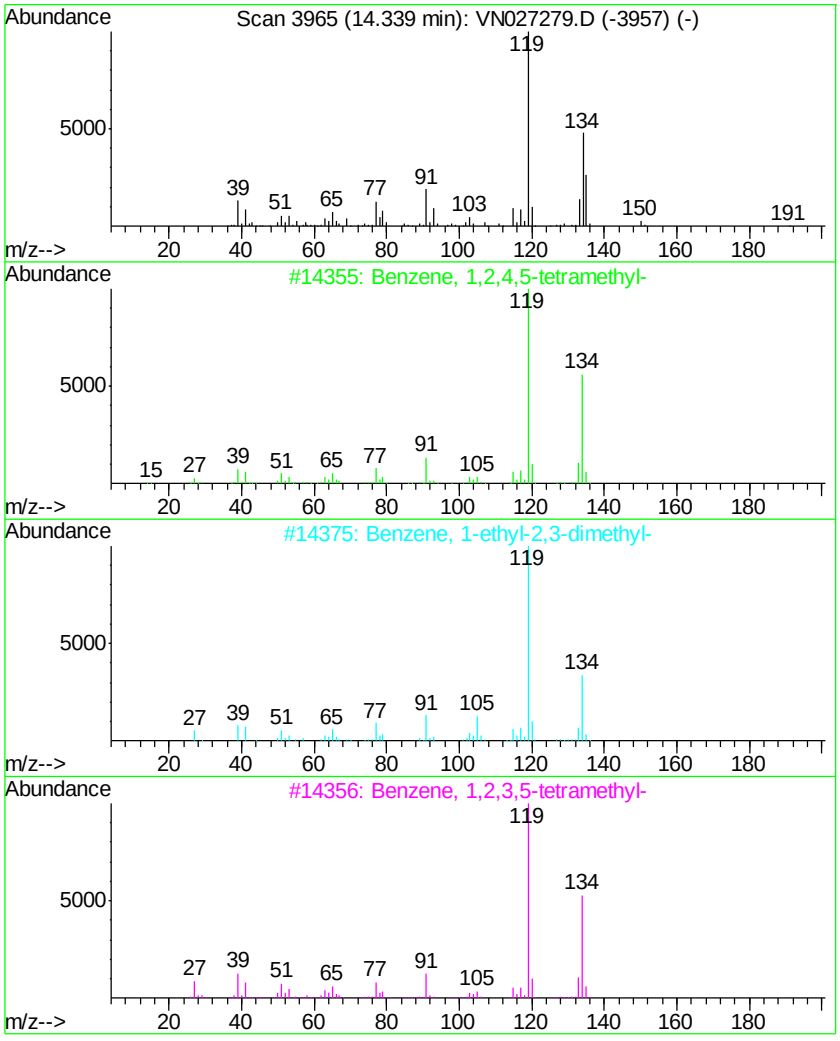
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

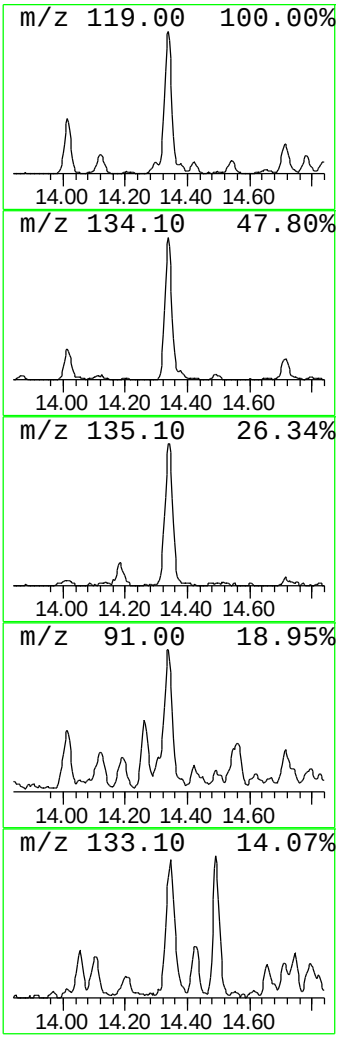
****

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	6.25 ug/l	377038	1,4-Dichlorobenzene-d4	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87





Tentatively Identified Compound (LSC) summary

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
Data File : VN027279.D
Acq On : 18 Sep 2015 3:10
Operator : MD\FY
Sample : G3706-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2,3-dimet...	4.60	7.8	ug/l	446358	1	7.75	2841370	50.0
Pentane, 2,3-dime...	7.85	8.0	ug/l	456641	1	7.75	2841370	50.0
3-Heptene	8.04	5.0	ug/l	286520	1	7.75	2841370	50.0
Isopropylcyclobutane	8.41	5.7	ug/l	411652	2	8.68	3597020	50.0
Cyclohexane, 1,1-...	10.36	5.1	ug/l	404320	3	11.52	3961420	50.0
Cyclohexane, 1,2-...	10.54	5.4	ug/l	425909	3	11.52	3961420	50.0
Benzene, 1,2,4,5-...	14.34	6.3	ug/l	377038	4	13.47	3018400	50.0