LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
Data File : VN051116.D
Acq On : 11 Sep 2018 10:41
Operator : MD\SY
Sample : J4849-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-A

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_N\METHODS\82N091018W.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	7.593	1787	1810	1821	rBV	481210	1208052	3.58%	0.525%
2	7.667	1821	1833	1853	rVB	762700	1818218	5.40%	0.790%
3	8.030	1927	1946	1973	rBV	452096	1104204	3.28%	0.480%
4	8.587	2102	2119	2149	rBV	1050757	2190409	6.50%	0.952%
5	10.091	2572	2587	2618	rBV	2061897	4000929	11.87%	1.739%
6	10.432	2677	2693	2709	rVB2	214161	416824	1.24%	0.181%
7	10.950	2847	2854	2862	rVB	238291	362913	1.08%	0.158%
8	11.005	2862	2871	2882	rVB	534504	905747	2.69%	0.394%
9	11.124	2896	2908	2916	rBV3	256551	461149	1.37%	0.200%
10	11.214	2926	2936	2951	rVB2	417551	836528	2.48%	0.364%
11	11.406	2984	2996	3014	rBV	1458062	2707974	8.04%	1.177%
12	11.496	3014	3024	3032	rBV2	335984	640665	1.90%	0.278%
13	11.596	3045	3055	3061	rBV6	333853	689542	2.05%	0.300%
14	11.654	3063	3073	3081	rVV3	1179972	2181781	6.47%	0.948%
15	11.699	3083	3087	3097	rVB	837195	1151664	3.42%	0.501%
16	11.812	3113	3122	3128	rBV2	283524	505445	1.50%	0.220%
17	11.850	3128	3134	3142	rVB4	429423	668126	1.98%	0.290%
18	11.924	3143	3157	3168	rBV5	1865074	4542337	13.48%	1.974%
19	12.043	3187	3194	3202	rBV	2119783	2807160	8.33%	1.220%
20	12.120	3210	3218	3224	rBV2	1772293	2874385	8.53%	1.249%
21	12.162	3224	3231	3247	rVB5	2290979	4518985	13.41%	1.964%
22	12.249	3248	3258	3269	rBV	11566047	18785678	55.74%	8.165%
23	12.403	3295	3306	3316	rBV4	1750513	3098293	9.19%	1.347%
24	12.477	3317	3329	3339	rBV4	991116	2677788	7.95%	1.164%
25	12.590	3348	3364	3375	rVB2	19121560	33699735	100.00%	14.647%
26	12.644	3376	3381	3389	rVB6	459084	625567	1.86%	0.272%
27	12.728	3395	3407	3416	rVV4	2088252	4909600	14.57%	2.134%
28	12.779	3417	3423	3433	rVB3	1368017	2228307	6.61%	0.968%
29	12.869	3444	3451	3458	rBV6	813596	1188671	3.53%	0.517%
30	12.963	3472	3480	3495	rVV4	3456363	6363567	18.88%	2.766%
31	13.040	3495	3504	3513	rVB	5260093	8179351	24.27%	3.555%
32	13.168	3530	3544	3554	rBV2	5149003	11214543	33.28%	4.874%
33	13.239	3561	3566	3574	rVB	1529607	2092206	6.21%	0.909%
34	13.342	3590	3598	3611	rVB	1320340	2354938	6.99%	1.024%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
Data File : VN051116.D
Acq On : 11 Sep 2018 10:41
Operator : MD\SY
Sample : J4849-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-A

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_N\METHODS\82N091018W.M
Title : SW846 8260

35	13.442	3621	3629	3638	rBV	1946778	3010740	8.93%	1.309%
36	13.512	3642	3651	3654	rVV	5109763	7601590	22.56%	3.304%
37	13.545	3654	3661	3670	rVV	11608719	19097163	56.67%	8.300%
38	13.612	3670	3682	3690	rVV2	2105265	4829181	14.33%	2.099%
39	13.670	3690	3700	3709	rVB5	3039130	5507399	16.34%	2.394%
40	13.889	3758	3768	3777	rVV	9226438	13935778	41.35%	6.057%
41	13.947	3777	3786	3792	rVV	2720334	4248537	12.61%	1.847%
42	13.992	3792	3800	3812	rVB2	8603264	14294444	42.42%	6.213%
43	14.133	3833	3844	3850	rBV	979661	1659719	4.93%	0.721%
44	14.210	3851	3868	3876	rVV	3645236	6736626	19.99%	2.928%
45	14.291	3887	3893	3899	rBV2	370835	499003	1.48%	0.217%
46	14.329	3900	3905	3911	rVV3	333677	471446	1.40%	0.205%
47	14.365	3911	3916	3924	rVB	347192	432897	1.28%	0.188%
48	14.477	3943	3951	3960	rBV2	674586	1134555	3.37%	0.493%
49	14.525	3961	3966	3973	rVV3	266370	340397	1.01%	0.148%
50	14.583	3973	3984	3997	rVV3	5064335	9831254	29.17%	4.273%
51	14.651	3998	4005	4016	rVB3	525960	949939	2.82%	0.413%
52	14.885	4073	4078	4088	rVV2	275655	411305	1.22%	0.179%
53	14.956	4091	4100	4111	rVB3	508362	1081678	3.21%	0.470%

Sum of corrected areas: 230084932

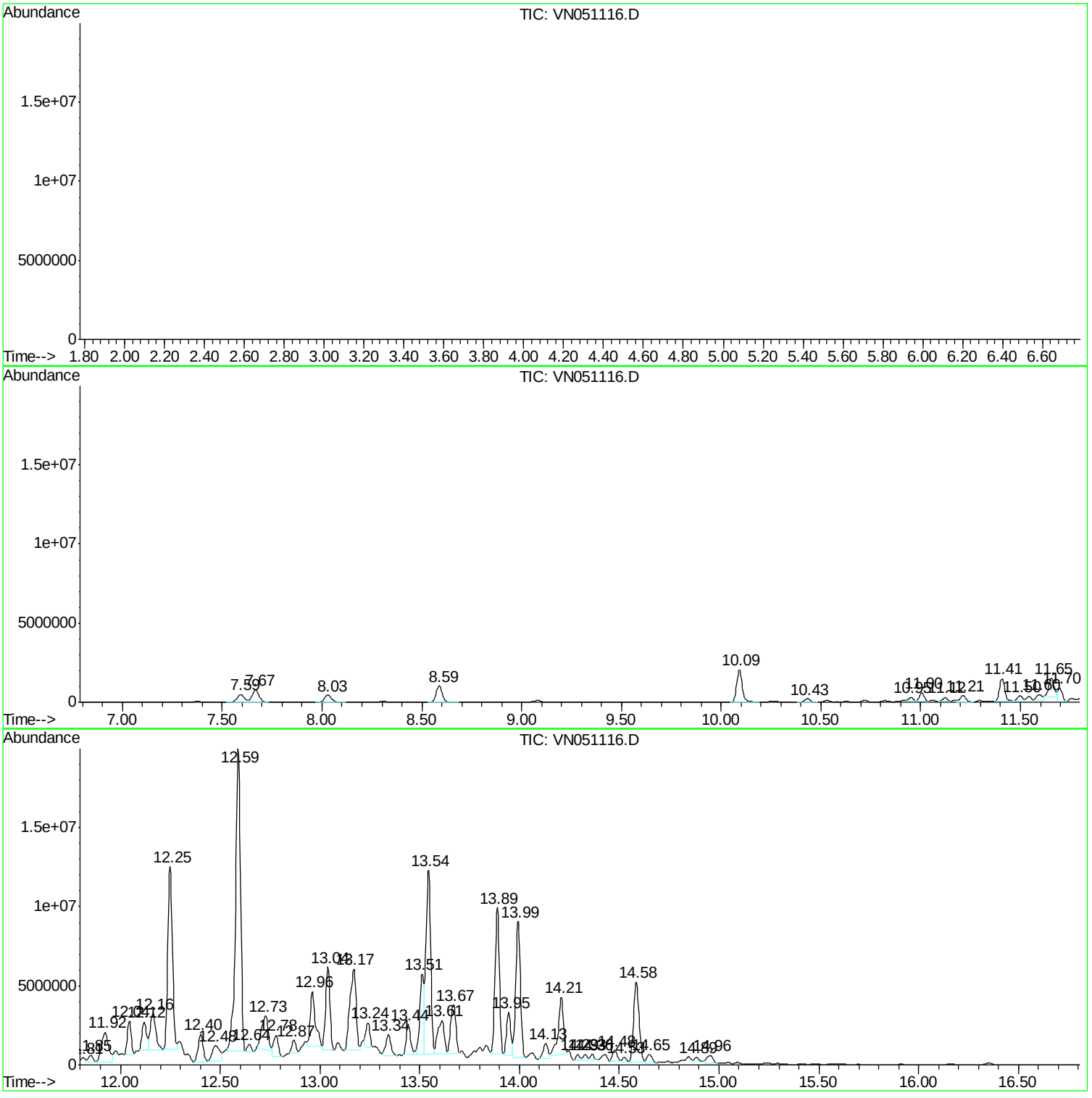
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051116.D
Acq On : 11 Sep 2018 10:41
Operator : MD\SY
Sample : J4849-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.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_N\DATA\VN091118\
Data File : VN051116.D
Acq On : 11 Sep 2018 10:41
Operator : MD\SY
Sample : J4849-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260

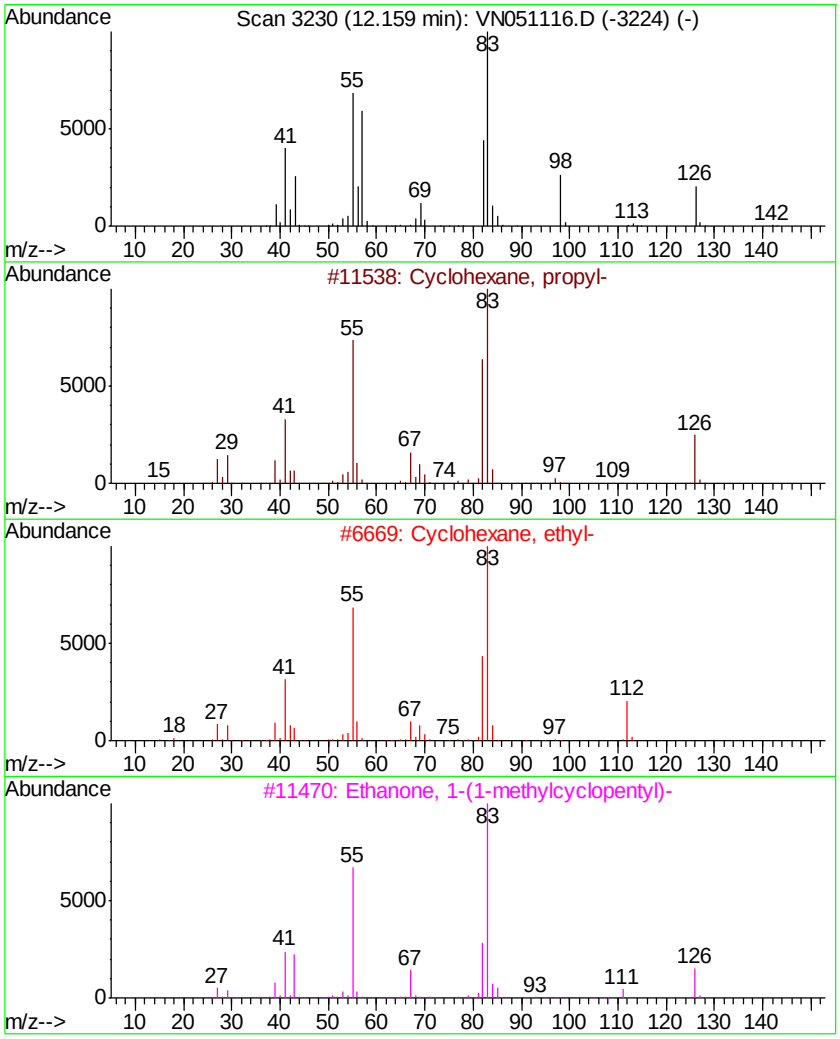
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

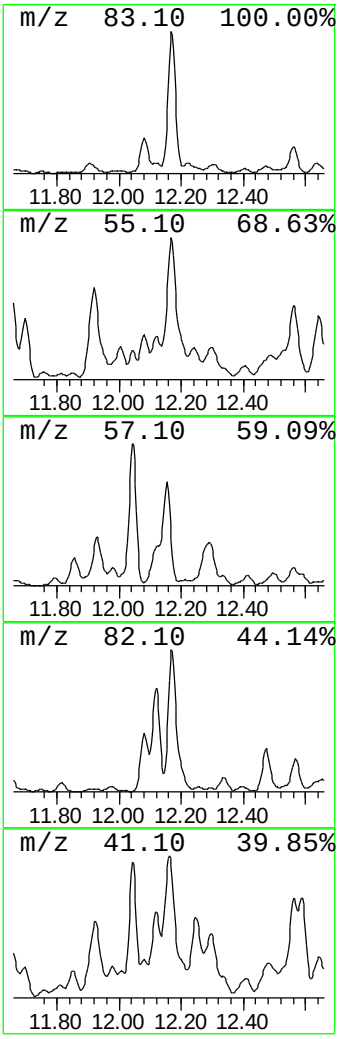
****

Peak Number 1 Cyclohexane, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	83.44 ug/l	4518990	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	90
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
3	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	59
4	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	50
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051116.D
Acq On : 11 Sep 2018 10:41
Operator : MD\SY
Sample : J4849-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260

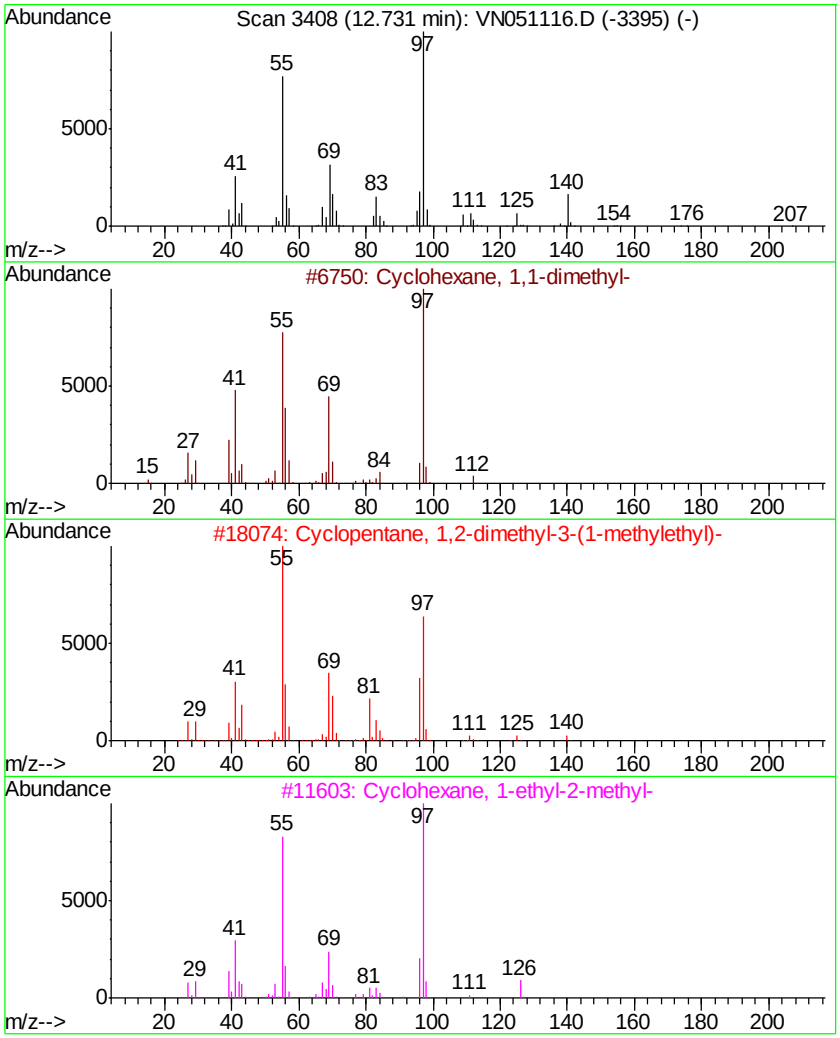
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

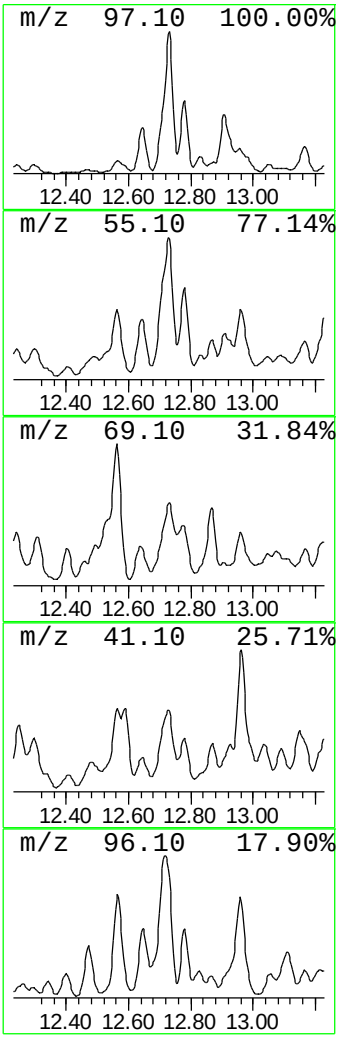
****

Peak Number 2 Cyclohexane, 1,1-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	104.24 ug/l	4909600	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	70
2	Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	68
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	59
4	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	58
5	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051116.D
Acq On : 11 Sep 2018 10:41
Operator : MD\SY
Sample : J4849-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260

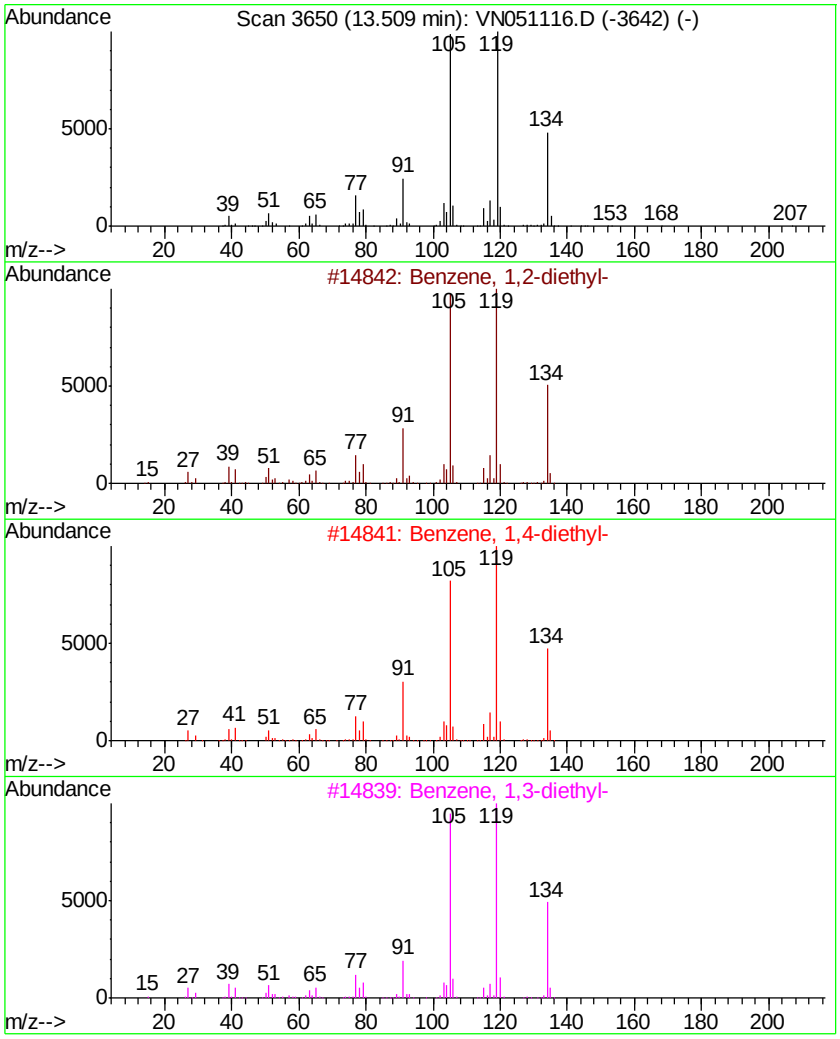
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

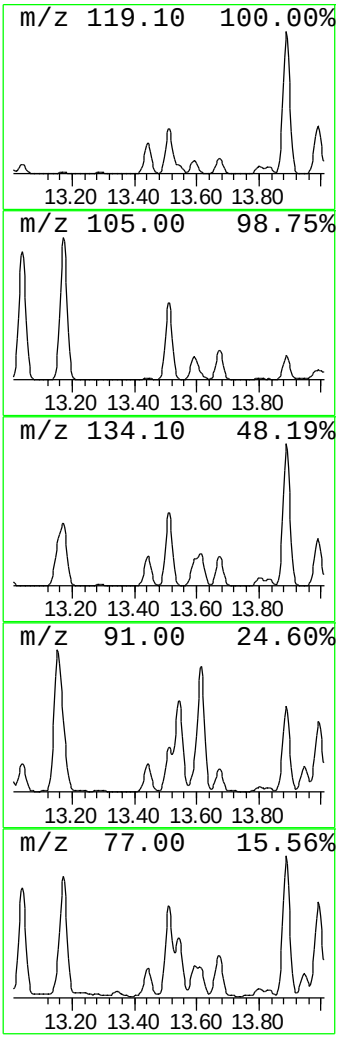
****

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	161.40 ug/l	7601590	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051116.D
Acq On : 11 Sep 2018 10:41
Operator : MD\SY
Sample : J4849-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-A

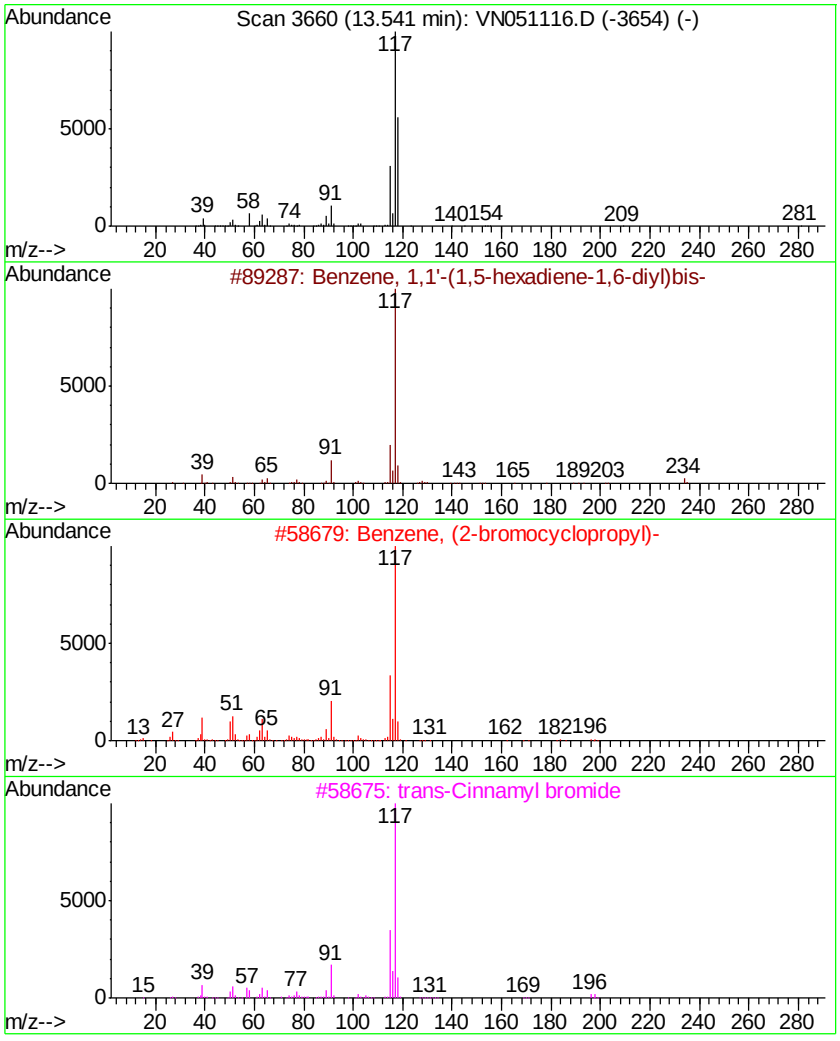
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260

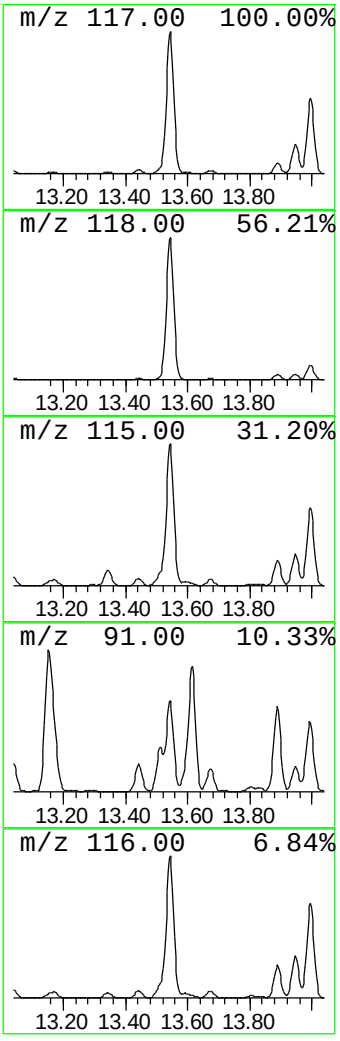
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	405.47 ug/l	19097200	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53
2	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	45
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	40
4	m-Aminophenylacetylene	117	C8H7N	054060-30-9	37
5	Benzocyclobutene, 1-bromo-1-methyl-	196	C9H9Br	1000161-76-4	10





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051116.D
Acq On : 11 Sep 2018 10:41
Operator : MD\SY
Sample : J4849-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260

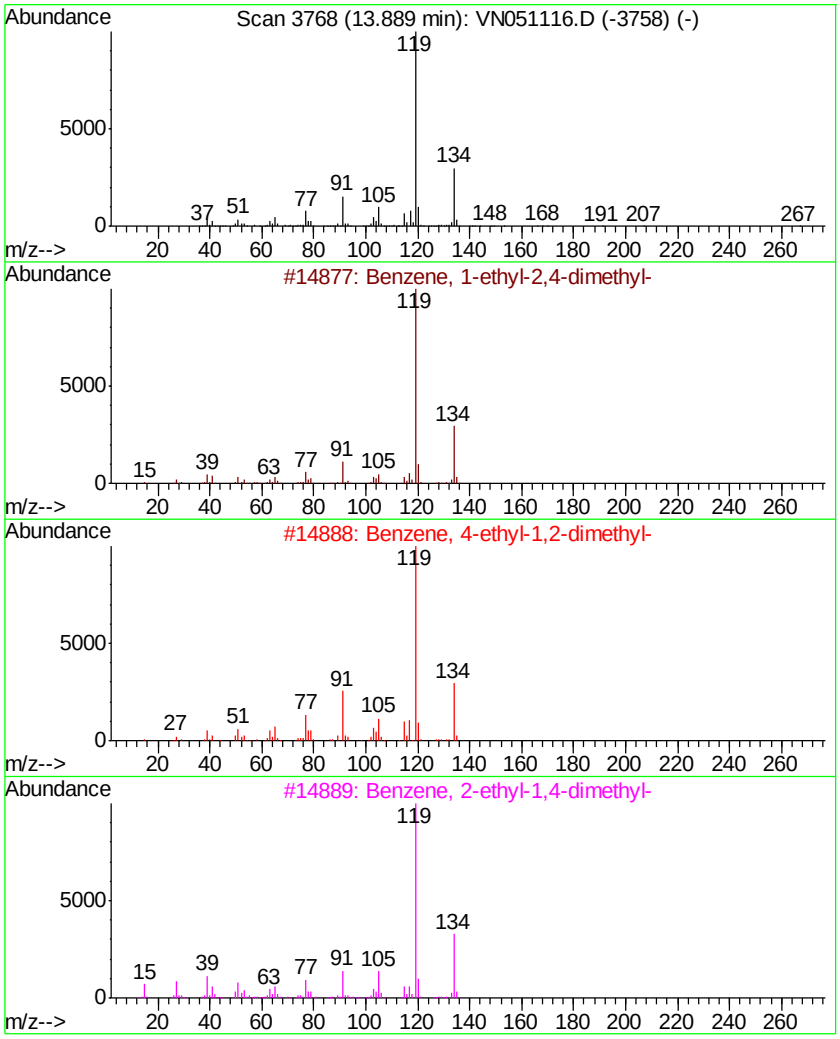
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

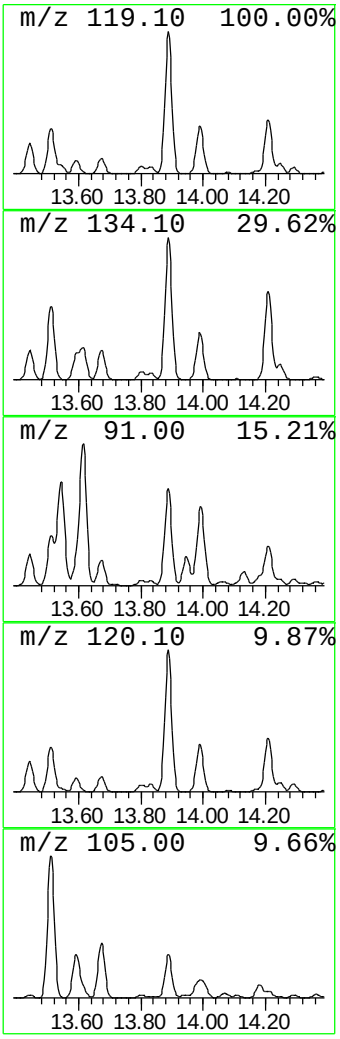
****

Peak Number 6 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	295.88 ug/l	13935800	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051116.D
Acq On : 11 Sep 2018 10:41
Operator : MD\SY
Sample : J4849-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260

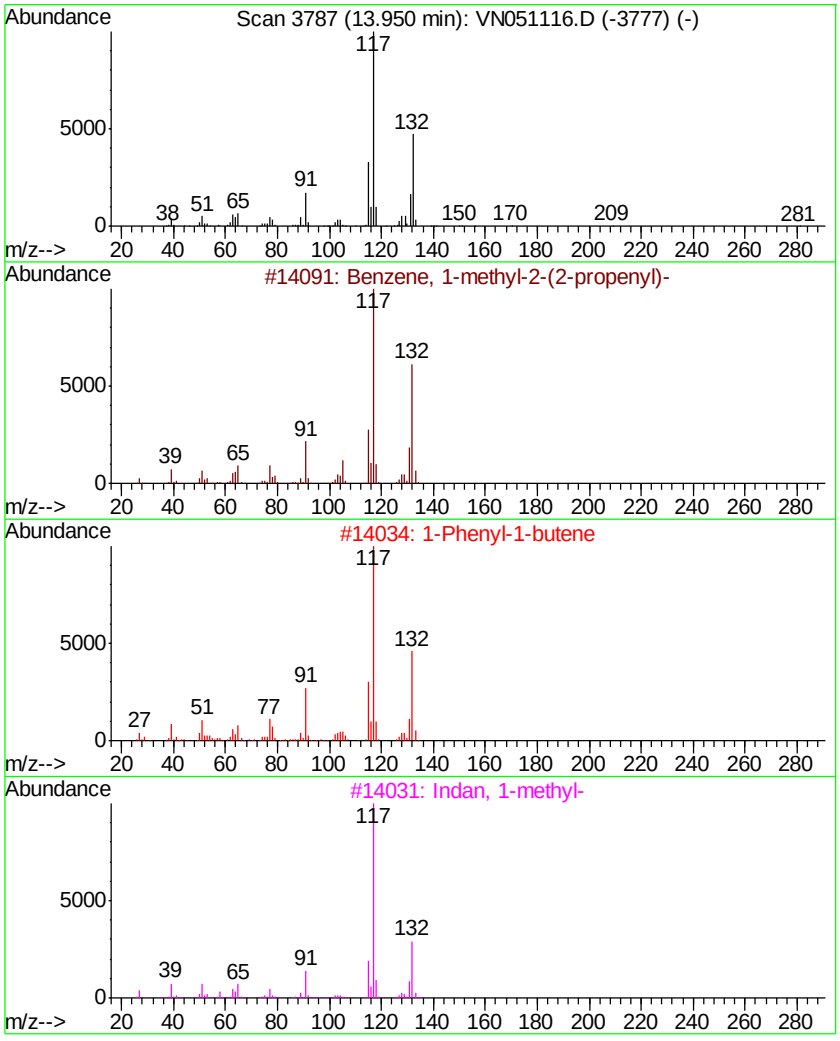
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

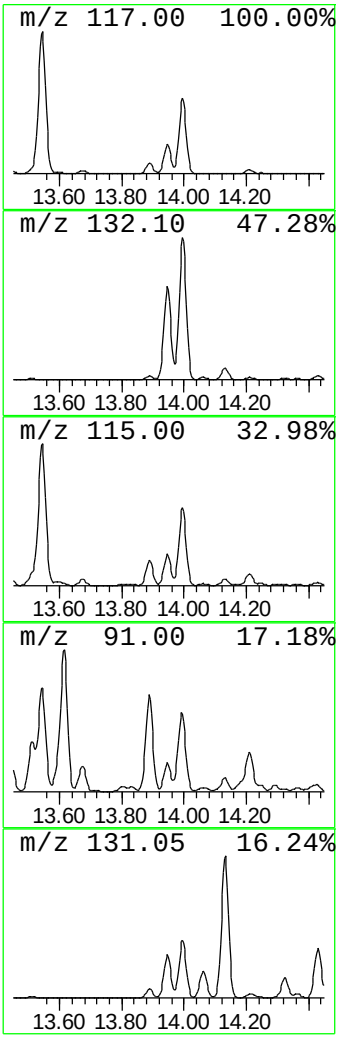
****

Peak Number 7 Benzene, 1-methyl-2-(2-prop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	90.20 ug/l	4248540	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051116.D
Acq On : 11 Sep 2018 10:41
Operator : MD\SY
Sample : J4849-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260

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

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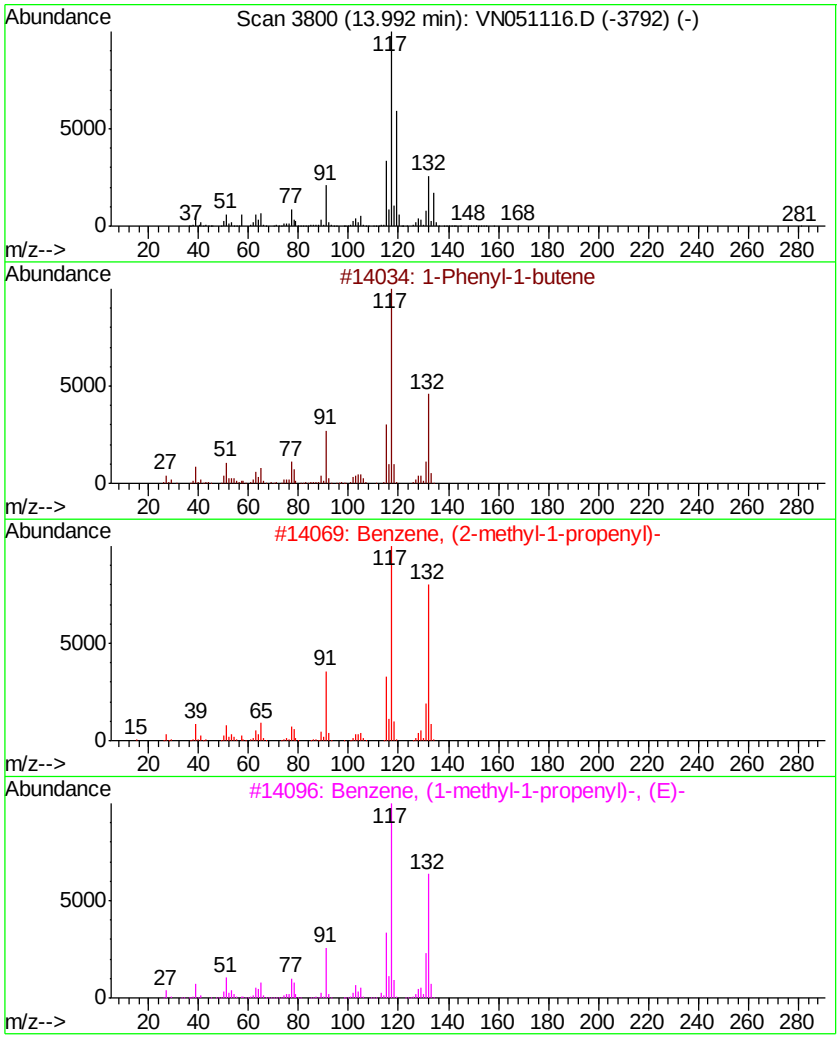
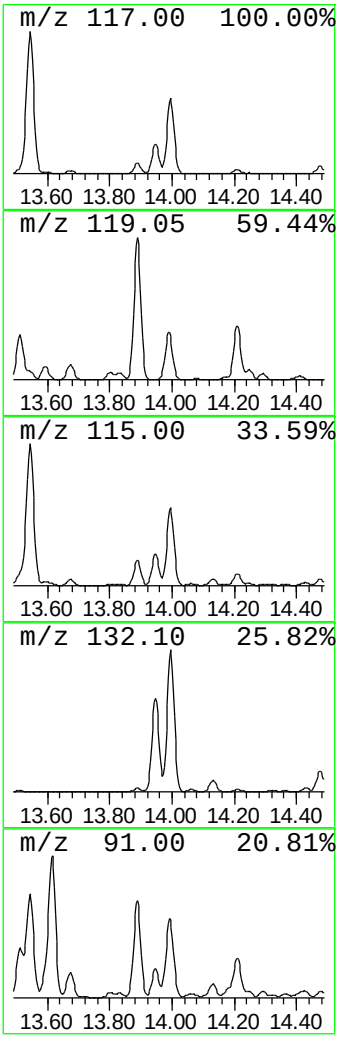
Peak Number 8 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	303.50 ug/l	14294400	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
3	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	70
4	Indan, 1-methyl-	132	C10H12	000767-58-8	64
5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051116.D
Acq On : 11 Sep 2018 10:41
Operator : MD\SY
Sample : J4849-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260

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

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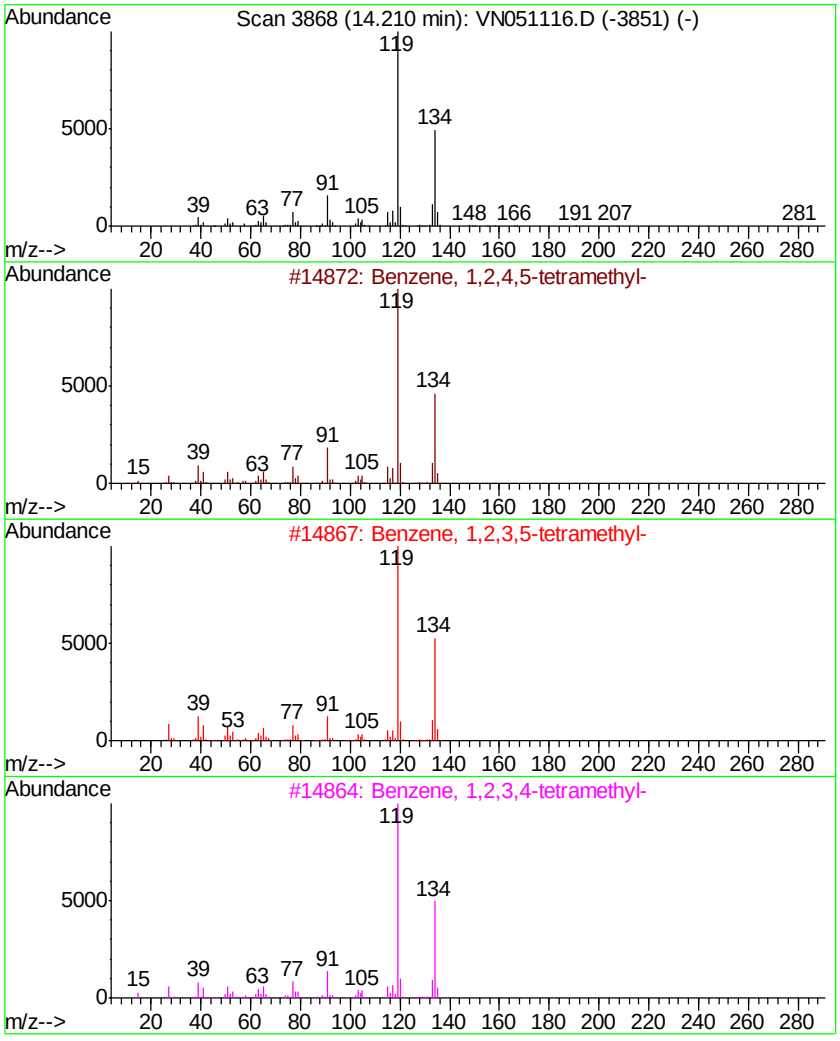
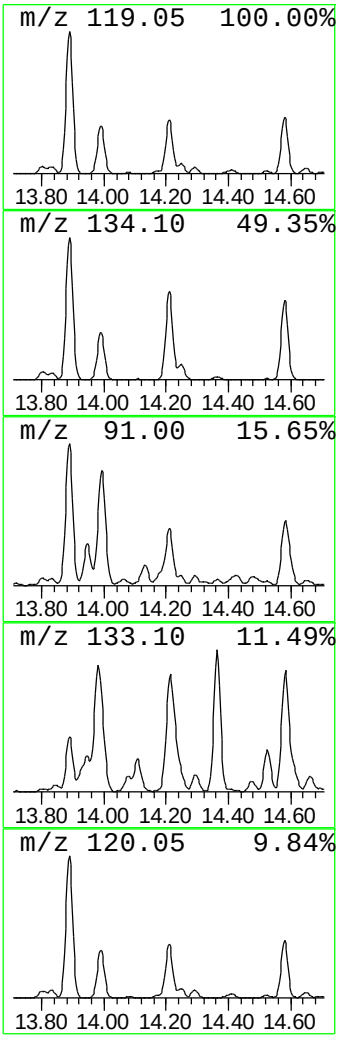
Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	143.03 ug/l	6736630	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051116.D
Acq On : 11 Sep 2018 10:41
Operator : MD\SY
Sample : J4849-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.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
Cyclohexane, propyl-	12.16	83.4	ug/l	4518990	3	11.41	2707970	50.0
Cyclohexane, 1,1-...	12.73	104.2	ug/l	4909600	4	13.34	2354940	50.0
Benzene, 1,2-diet...	13.51	161.4	ug/l	7601590	4	13.34	2354940	50.0
Benzene, 1,1'-(1,...	13.54	405.5	ug/l	19097200	4	13.34	2354940	50.0
Benzene, 1-ethyl-...	13.89	295.9	ug/l	13935800	4	13.34	2354940	50.0
Benzene, 1-methyl...	13.95	90.2	ug/l	4248540	4	13.34	2354940	50.0
1-Phenyl-1-butene	13.99	303.5	ug/l	14294400	4	13.34	2354940	50.0
Benzene, 1,2,4,5-...	14.21	143.0	ug/l	6736630	4	13.34	2354940	50.0