LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
Data File : VN056119.D
Acq On : 7 Jun 2019 23:56
Operator : JC/SP
Sample : K3193-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-1-OW

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\82N060419W.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	2.310	159	167	178	rVB	15858	25936	1.73%	0.209%
2	3.822	620	637	651	rBV	11352	30339	2.03%	0.245%
3	7.590	1790	1809	1820	rBV	188291	466709	31.16%	3.768%
4	7.664	1820	1832	1857	rVB	346412	831022	55.48%	6.709%
5	8.027	1927	1945	1970	rBV2	199597	461488	30.81%	3.726%
6	8.584	2103	2118	2150	rVB	509510	1067117	71.25%	8.615%
7	10.092	2569	2587	2597	rBV	812202	1497780	100.00%	12.091%
8	10.156	2597	2607	2630	rVB	405173	762672	50.92%	6.157%
9	11.407	2982	2996	3035	rBV	737178	1344900	89.79%	10.857%
10	11.944	3155	3163	3177	rVB	10166	18421	1.23%	0.149%
11	12.400	3292	3305	3336	rVB	570383	980737	65.48%	7.917%
12	12.590	3359	3364	3375	rVB2	10462	15675	1.05%	0.127%
13	12.654	3375	3384	3396	rBV2	13412	22530	1.50%	0.182%
14	12.731	3396	3408	3422	rVB	82016	129577	8.65%	1.046%
15	12.892	3444	3458	3470	rBV	51657	84295	5.63%	0.681%
16	13.040	3493	3504	3519	rVB	263906	425661	28.42%	3.436%
17	13.169	3529	3544	3553	rBV2	16598	33442	2.23%	0.270%
18	13.233	3553	3564	3574	rVB	26595	42644	2.85%	0.344%
19	13.342	3585	3598	3622	rBV2	583179	1232309	82.28%	9.948%
20	13.445	3622	3630	3642	rBV3	21233	40166	2.68%	0.324%
21	13.513	3642	3651	3653	rVV2	27449	35682	2.38%	0.288%
22	13.542	3654	3660	3665	rVV	60758	92751	6.19%	0.749%
23	13.580	3665	3672	3689	rVB	91868	159539	10.65%	1.288%
24	13.670	3689	3700	3711	rVB5	23430	43591	2.91%	0.352%
25	13.738	3711	3721	3731	rBV	45783	70424	4.70%	0.569%
26	13.802	3731	3741	3745	rBV	78627	121446	8.11%	0.980%
27	13.831	3746	3750	3759	rVV	95560	128454	8.58%	1.037%
28	13.889	3759	3768	3778	rVB	118966	179605	11.99%	1.450%
29	13.943	3778	3785	3791	rBV	20316	30713	2.05%	0.248%
30	13.992	3791	3800	3810	rVV2	114177	192234	12.83%	1.552%
31	14.046	3810	3817	3831	rVB5	19425	39689	2.65%	0.320%
32	14.127	3831	3842	3851	rBV2	69424	111069	7.42%	0.897%
33	14.207	3851	3867	3872	rBV	93612	153362	10.24%	1.238%
34	14.246	3873	3879	3888	rVV	177025	265049	17.70%	2.140%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060819\
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Operator : JC/SP
Sample : K3193-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-1-OW

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Title : SW846 8260

35	14.294	3888	3894	3900	rVV	35191	49216	3.29%	0.397%
36	14.332	3900	3906	3911	rVV2	21428	30574	2.04%	0.247%
37	14.361	3911	3915	3922	rVB	18951	23101	1.54%	0.186%
38	14.426	3923	3935	3943	rBV6	21759	42186	2.82%	0.341%
39	14.474	3943	3950	3958	rBV3	36798	57987	3.87%	0.468%
40	14.522	3959	3965	3972	rVB	32728	45643	3.05%	0.368%
41	14.583	3972	3984	3998	rBV3	244277	499471	33.35%	4.032%
42	14.651	3998	4005	4013	rBV3	15624	24009	1.60%	0.194%
43	14.850	4059	4067	4072	rBV4	45383	73103	4.88%	0.590%
44	14.953	4089	4099	4117	rVB3	68527	150379	10.04%	1.214%
45	15.046	4120	4128	4134	rVV3	9646	15939	1.06%	0.129%
46	15.088	4134	4141	4148	rVV	16466	27015	1.80%	0.218%
47	15.236	4179	4187	4196	rVV4	20292	37259	2.49%	0.301%
48	15.287	4198	4203	4219	rVB8	12141	25473	1.70%	0.206%
49	15.413	4232	4242	4255	rBV4	10849	19470	1.30%	0.157%
50	15.574	4274	4292	4298	rBV4	19209	42173	2.82%	0.340%
51	15.699	4320	4331	4339	rBV5	9119	15884	1.06%	0.128%
52	15.763	4340	4351	4364	rBV6	7213	16524	1.10%	0.133%
53	15.908	4382	4396	4408	rBV5	13058	27227	1.82%	0.220%
54	16.345	4521	4532	4546	rVB4	12040	27483	1.83%	0.222%

Sum of corrected areas: 12387144

LSC Report - Integrated Chromatogram

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Data File : VN056119.D
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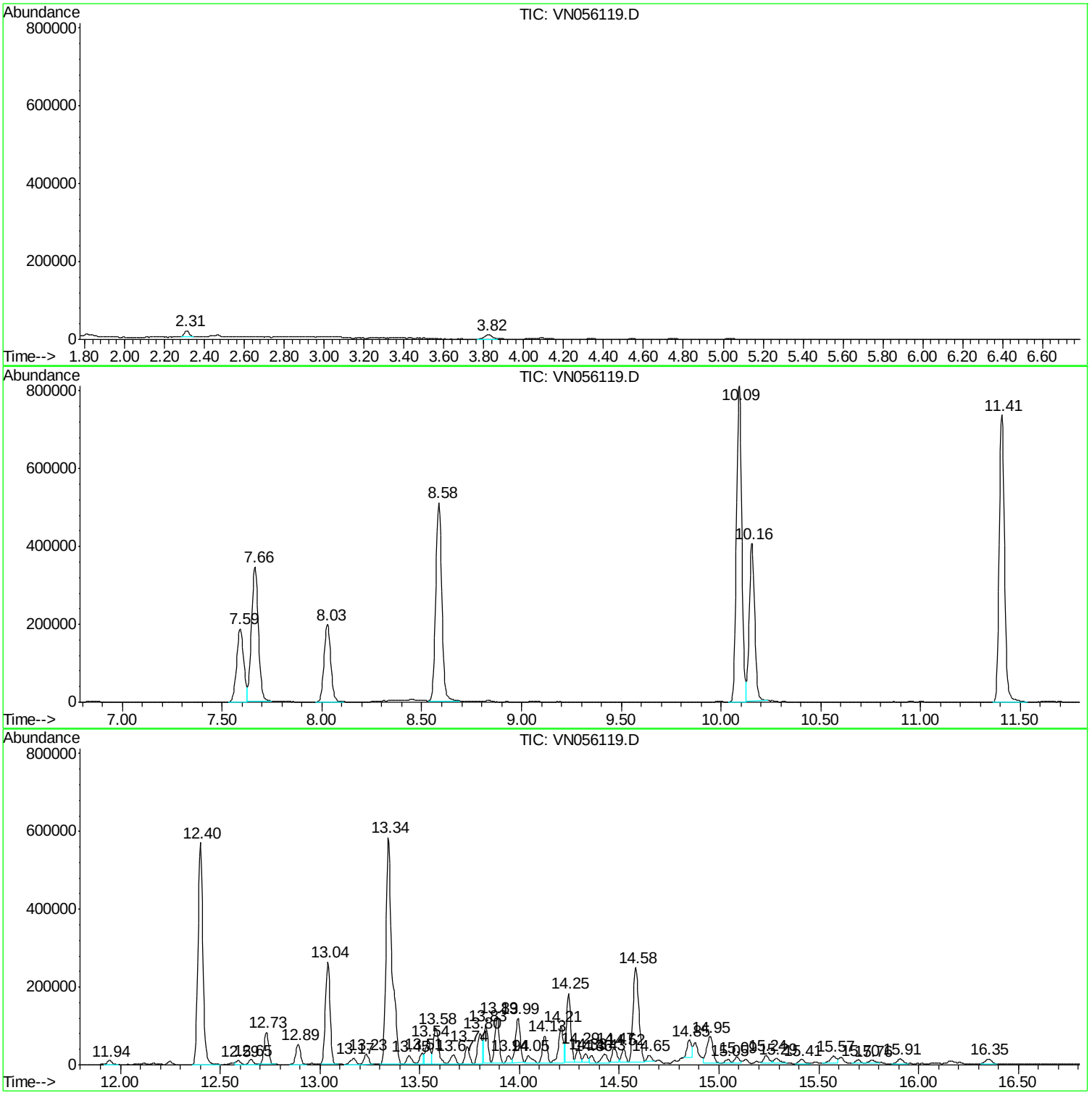
Operator : JC/SP
Sample : K3193-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-1-OW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.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\VN060819\
Data File : VN056119.D
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ALS Vial : 36 Sample Multiplier: 1

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ClientSampleId : P-1-OW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260

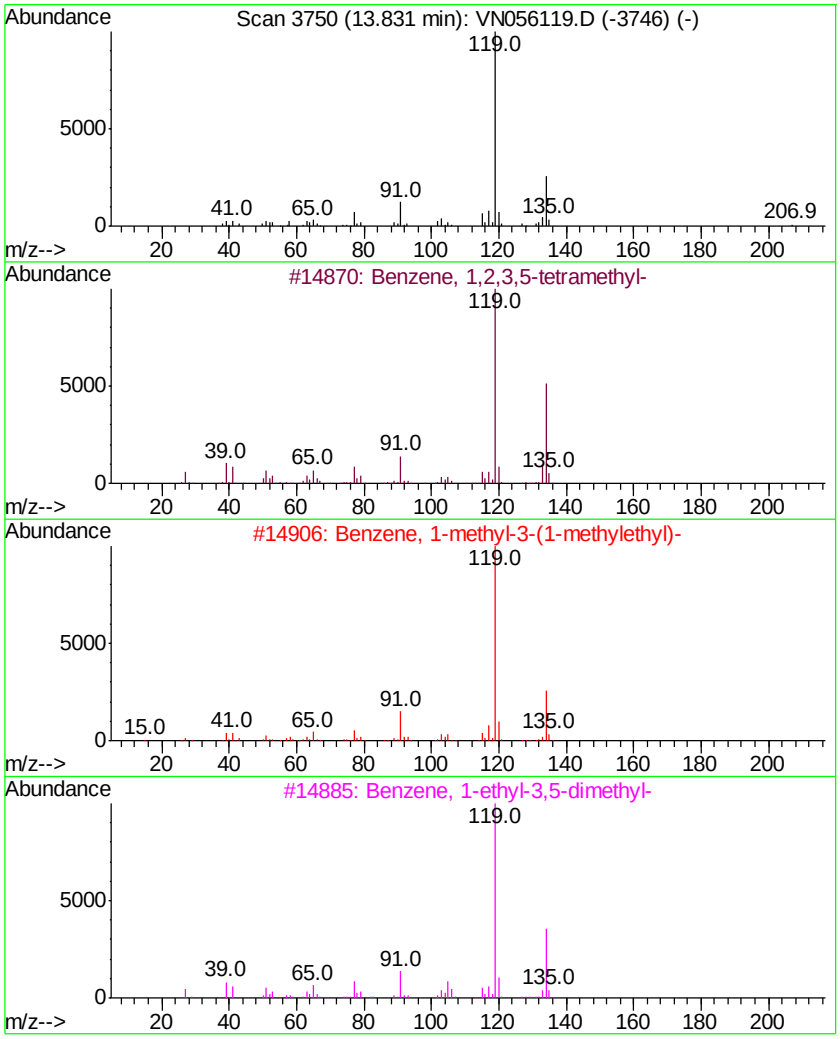
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

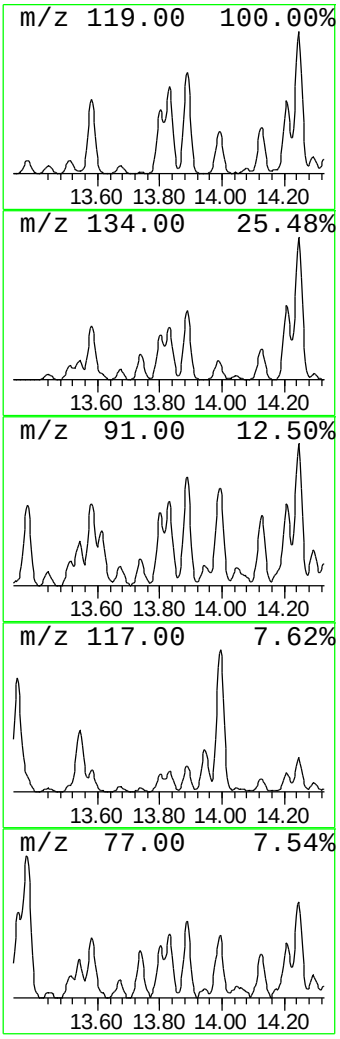
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	5.21 ug/l	128454	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Acq On : 7 Jun 2019 23:56
Operator : JC/SP
Sample : K3193-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-1-OW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260

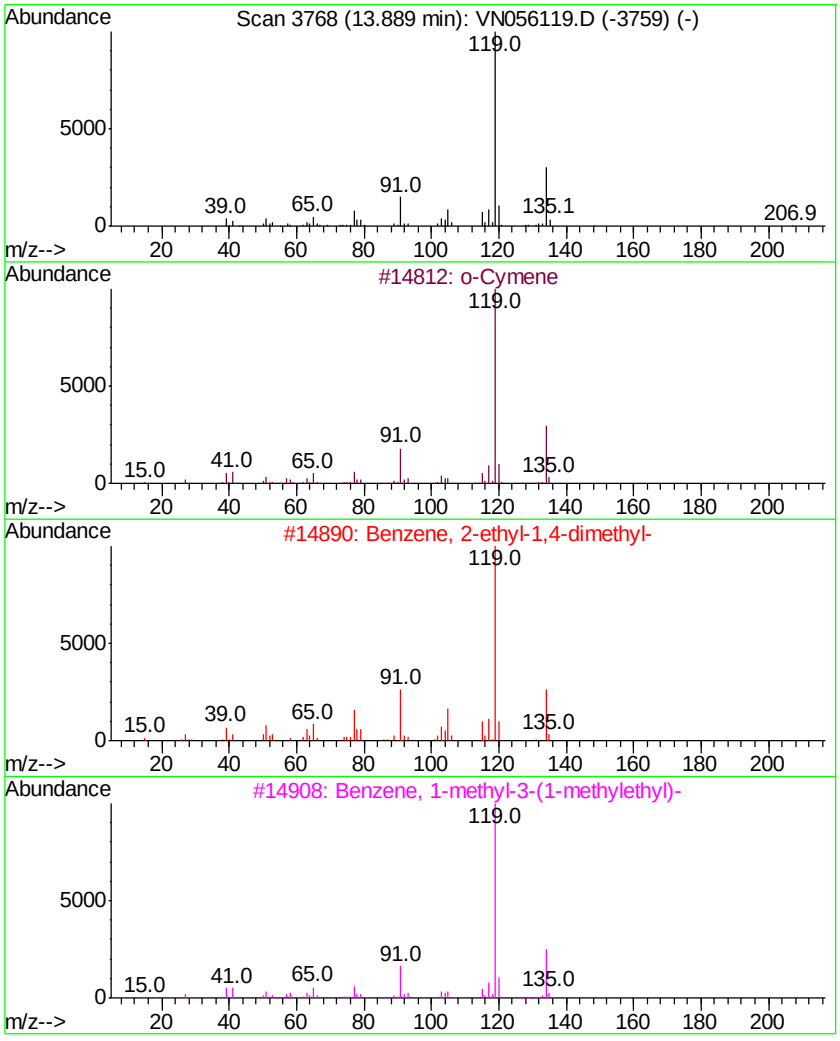
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

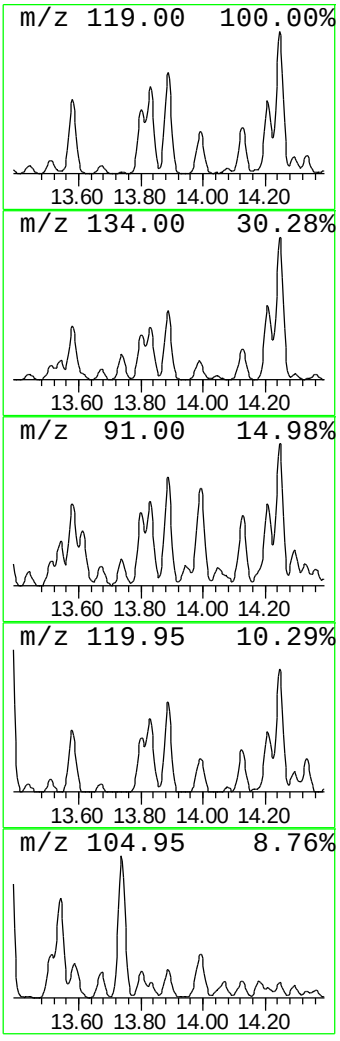
****

Peak Number 2 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	7.29 ug/l	179605	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95





Library Search Compound Report

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Data File : VN056119.D
Acq On : 7 Jun 2019 23:56
Operator : JC/SP
Sample : K3193-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-1-OW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260

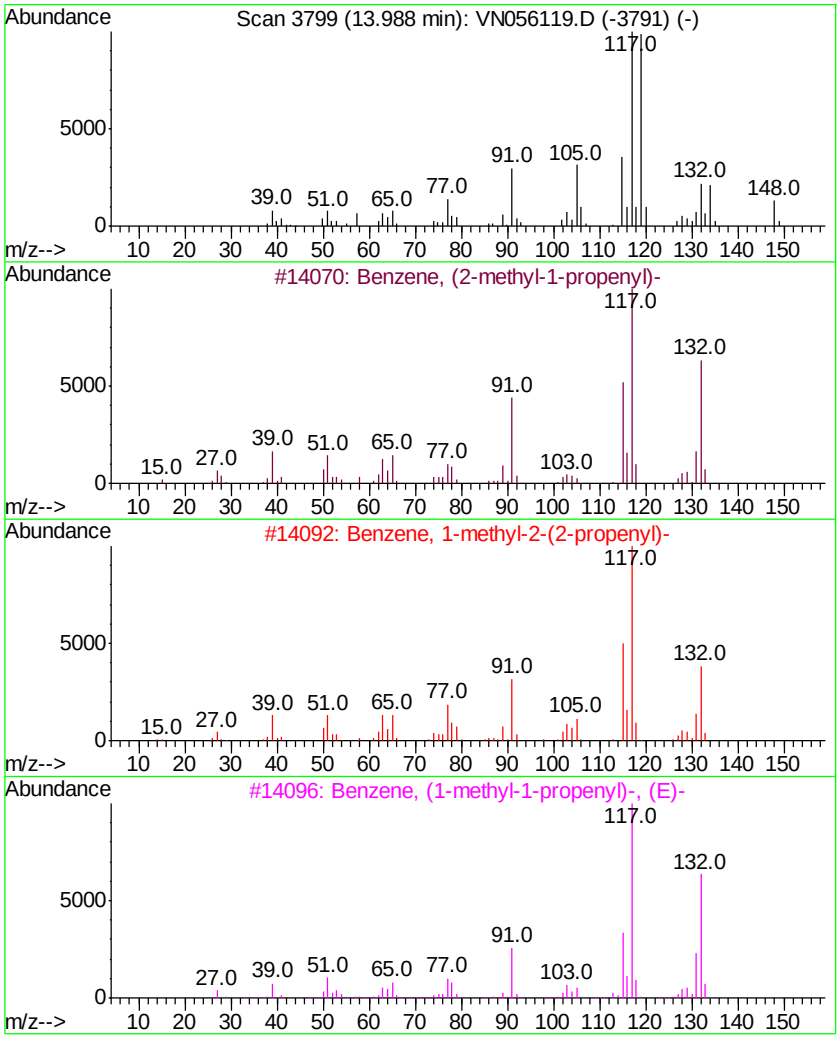
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

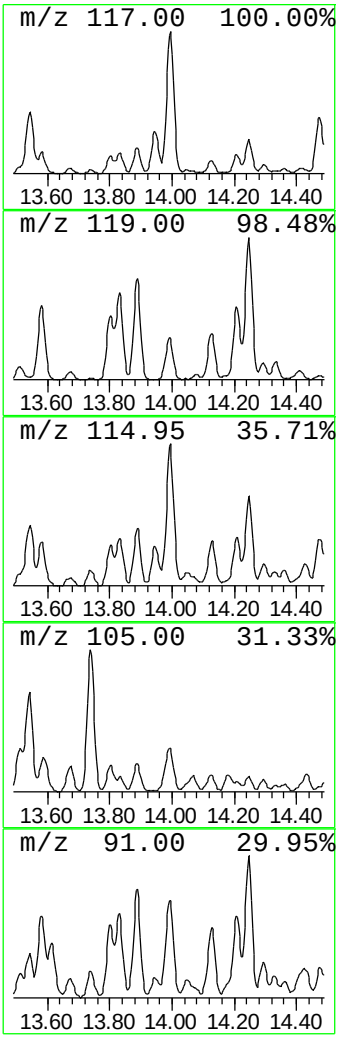
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	7.80 ug/l	192234	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	74
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
3	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	50
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	50





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Operator : JC/SP
Sample : K3193-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : P-1-OW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260

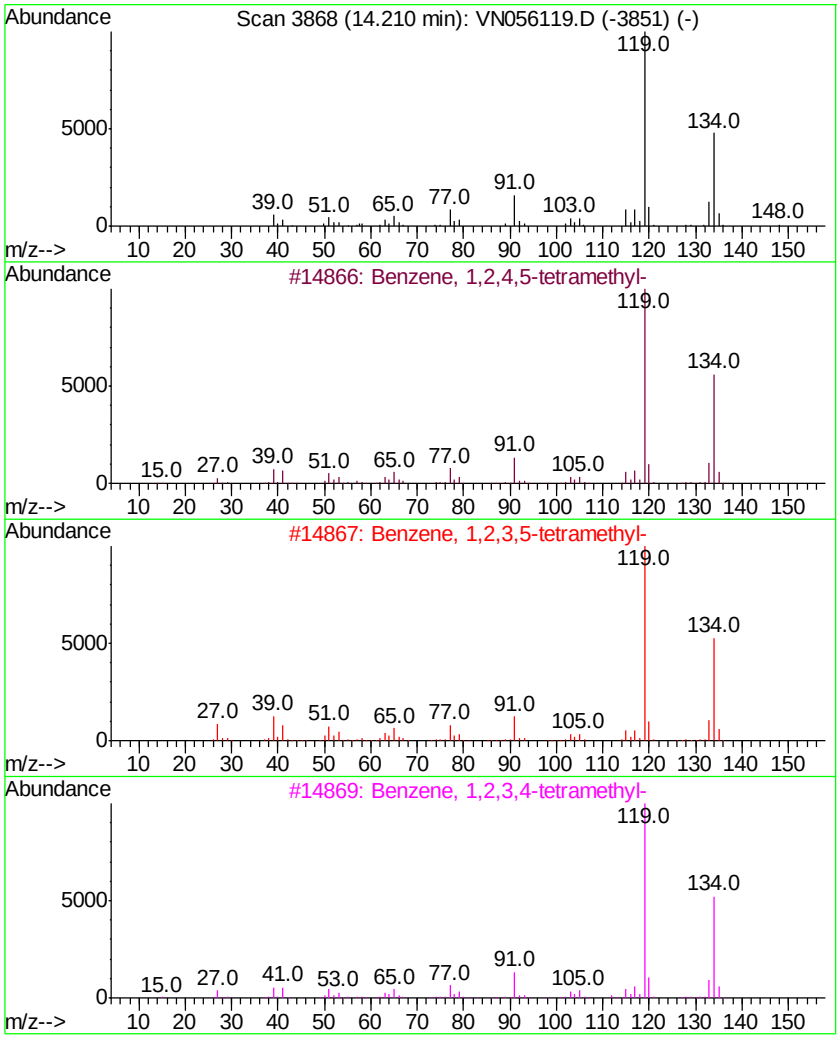
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

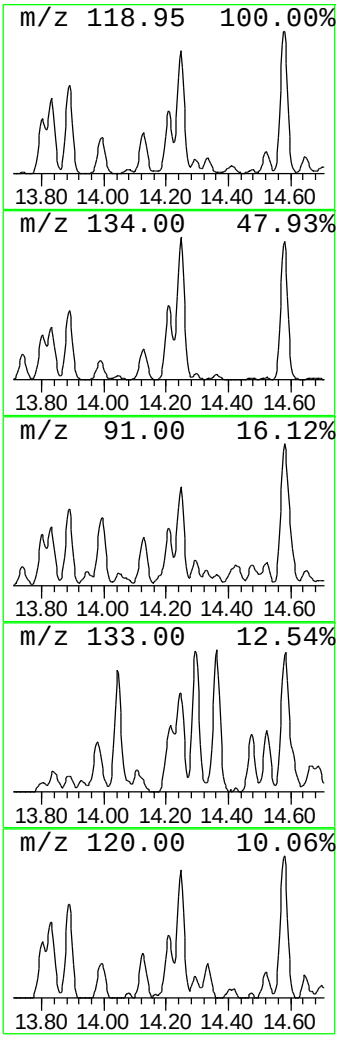
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	6.22 ug/l	153362	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	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	o-Cymene	134	C10H14	000527-84-4	95





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ALS Vial : 36 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260

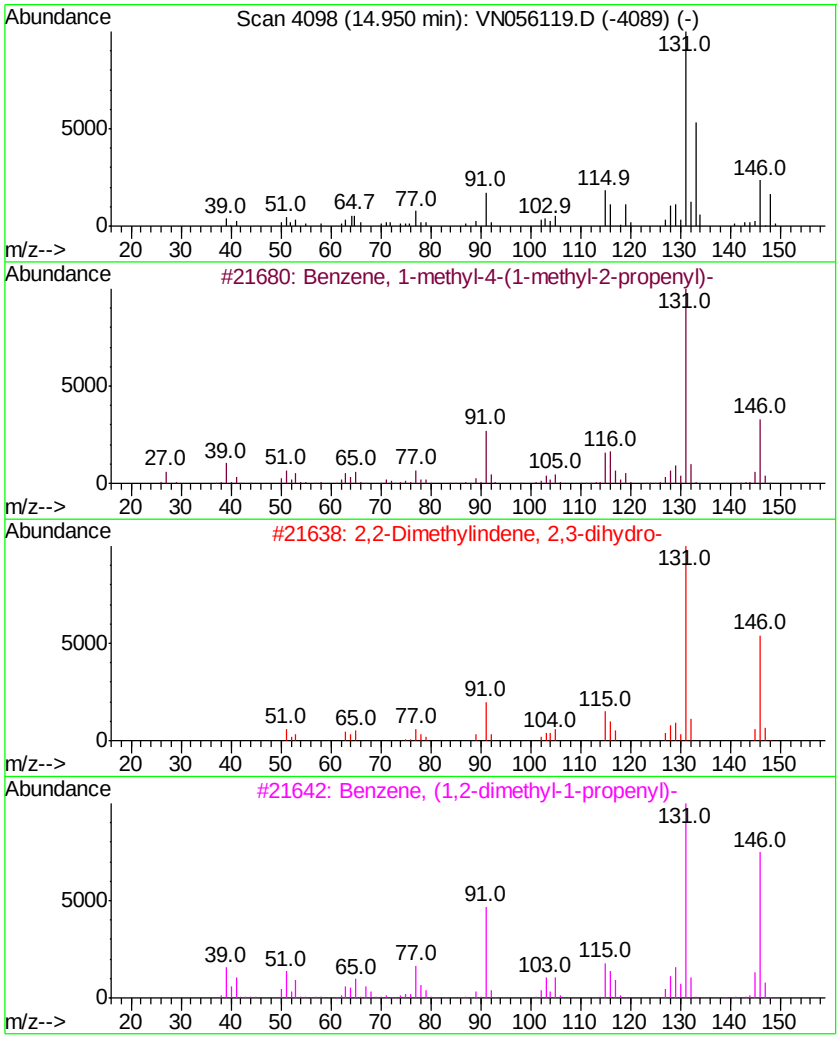
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

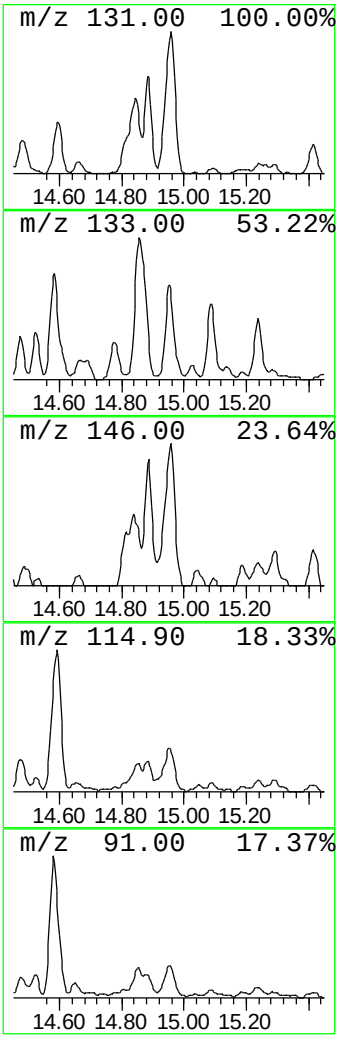
****

Peak Number 7 Benzene, 1-methyl-4-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	6.10 ug/l	150379	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	70
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64





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
Benzene, 1,2,3,5-...	13.83	5.2	ug/l	128454	4	13.34	1232310	50.0
o-Cymene	13.89	7.3	ug/l	179605	4	13.34	1232310	50.0
Benzene, (2-methy...	13.99	7.8	ug/l	192234	4	13.34	1232310	50.0
Benzene, 1,2,4,5-...	14.21	6.2	ug/l	153362	4	13.34	1232310	50.0
Benzene, 1-methyl...	14.95	6.1	ug/l	150379	4	13.34	1232310	50.0