LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
Data File : VN051123.D
Acq On : 11 Sep 2018 13:33
Operator : MD\SY
Sample : J4849-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-G

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	1783	1810	1821	rBV	478479	1204742	8.56%	0.843%
2	7.667	1821	1833	1871	rVB	742718	1819356	12.93%	1.273%
3	8.030	1926	1946	1974	rBV	448563	1077749	7.66%	0.754%
4	8.587	2103	2119	2156	rBV	1046793	2215141	15.74%	1.549%
5	10.091	2570	2587	2616	rBV	1898214	3574054	25.40%	2.500%
6	10.432	2680	2693	2709	rVB	114383	219323	1.56%	0.153%
7	11.005	2858	2871	2882	rBV	208291	380568	2.70%	0.266%
8	11.210	2916	2935	2953	rVB3	108504	249349	1.77%	0.174%
9	11.407	2983	2996	3013	rBV	1419005	2532279	17.99%	1.771%
10	11.497	3014	3024	3032	rBV2	204270	350361	2.49%	0.245%
11	11.654	3062	3073	3082	rBV3	330314	682548	4.85%	0.477%
12	11.815	3112	3123	3141	rVB2	144616	279370	1.99%	0.195%
13	11.921	3141	3156	3165	rBV4	342160	790237	5.62%	0.553%
14	12.082	3199	3206	3209	rBV2	111456	145074	1.03%	0.101%
15	12.117	3210	3217	3225	rVB	356546	543858	3.86%	0.380%
16	12.249	3247	3258	3270	rVB	4659352	7401394	52.59%	5.177%
17	12.336	3280	3285	3294	rVB3	170404	259515	1.84%	0.182%
18	12.400	3294	3305	3317	rBV	1354440	2315774	16.46%	1.620%
19	12.474	3317	3328	3339	rBV2	325553	639440	4.54%	0.447%
20	12.590	3347	3364	3377	rBV	8182643	14072666	100.00%	9.844%
21	12.725	3396	3406	3417	rVB8	258471	596254	4.24%	0.417%
22	12.783	3418	3424	3433	rVB4	104672	158640	1.13%	0.111%
23	12.866	3443	3450	3457	rBV7	102104	165547	1.18%	0.116%
24	12.963	3470	3480	3483	rBV2	457726	706452	5.02%	0.494%
25	12.992	3483	3489	3496	rVV	1091143	1739649	12.36%	1.217%
26	13.040	3496	3504	3515	rVB	2093992	3260294	23.17%	2.281%
27	13.169	3529	3544	3556	rBV3	4166879	8765217	62.29%	6.131%
28	13.287	3572	3581	3590	rBV	1878055	2806870	19.95%	1.963%
29	13.342	3590	3598	3614	rVB	1373077	2311977	16.43%	1.617%
30	13.442	3619	3629	3639	rBV	1632498	2568550	18.25%	1.797%
31	13.513	3640	3651	3656	rVV	4859751	8161687	58.00%	5.709%
32	13.541	3656	3660	3669	rVV	4528840	6798683	48.31%	4.756%
33	13.593	3669	3676	3691	rVV3	3402690	7579181	53.86%	5.302%
34	13.673	3691	3701	3722	rVB	2535264	4367958	31.04%	3.055%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051123.D
Acq On : 11 Sep 2018 13:33
Operator : MD\SY
Sample : J4849-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-G

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	13.802	3729	3741	3747	rBV	3519083	5870883	41.72%	4.107%
36	13.889	3759	3768	3777	rVB	2366224	3420855	24.31%	2.393%
37	13.947	3777	3786	3792	rVV	2433941	3830301	27.22%	2.679%
38	13.995	3792	3801	3812	rVB2	7733138	12766227	90.72%	8.930%
39	14.069	3814	3824	3832	rVB4	384984	723384	5.14%	0.506%
40	14.130	3833	3843	3851	rBV2	1326358	2058210	14.63%	1.440%
41	14.210	3852	3868	3873	rBV	3931188	6589437	46.82%	4.609%
42	14.249	3873	3880	3889	rVV	6027328	9383798	66.68%	6.564%
43	14.294	3889	3894	3901	rVB2	415872	483974	3.44%	0.339%
44	14.365	3909	3916	3923	rBV	318025	413934	2.94%	0.290%
45	14.426	3924	3935	3943	rVV3	424631	830086	5.90%	0.581%
46	14.477	3943	3951	3960	rVV3	769153	1329303	9.45%	0.930%
47	14.525	3960	3966	3974	rVB	452825	665585	4.73%	0.466%
48	14.590	3974	3986	3997	rBV4	622955	1364090	9.69%	0.954%
49	14.654	3997	4006	4016	rVB4	376136	638025	4.53%	0.446%
50	14.850	4051	4067	4073	rBV4	356836	746581	5.31%	0.522%
51	14.956	4090	4100	4113	rVB2	483133	1104841	7.85%	0.773%

Sum of corrected areas: 142959271

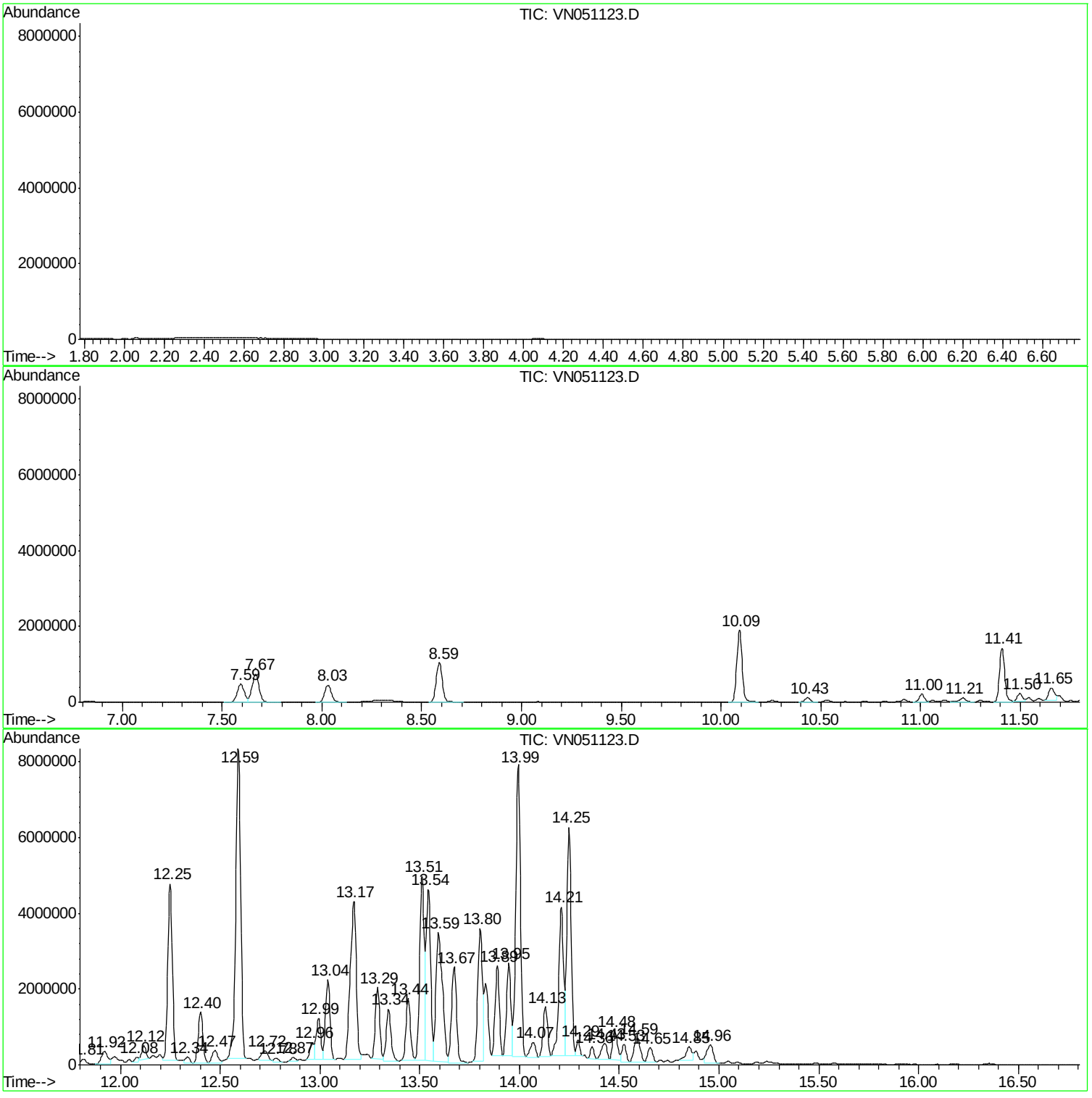
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
Data File : VN051123.D
Acq On : 11 Sep 2018 13:33
Operator : MD\SY
Sample : J4849-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-G

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 : VN051123.D
Acq On : 11 Sep 2018 13:33
Operator : MD\SY
Sample : J4849-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-G

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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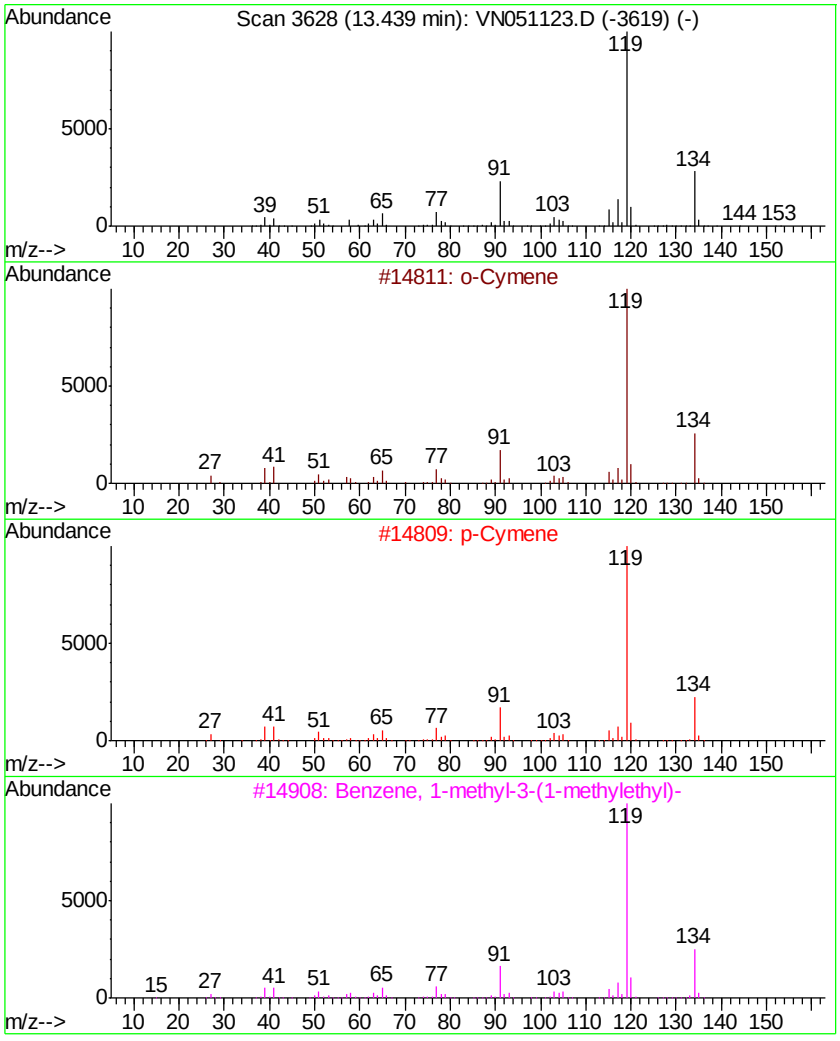
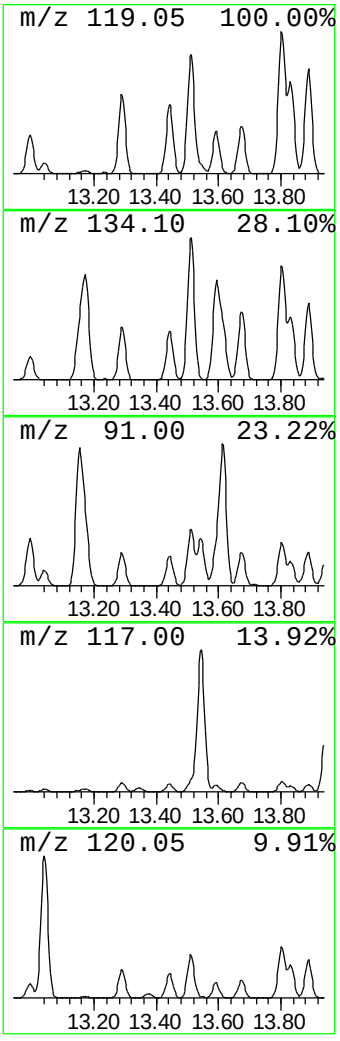
Peak Number 1 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	55.55 ug/l	2568550	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	p-Cymene	134	C10H14	000099-87-6	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051123.D
Acq On : 11 Sep 2018 13:33
Operator : MD\SY
Sample : J4849-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-G

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

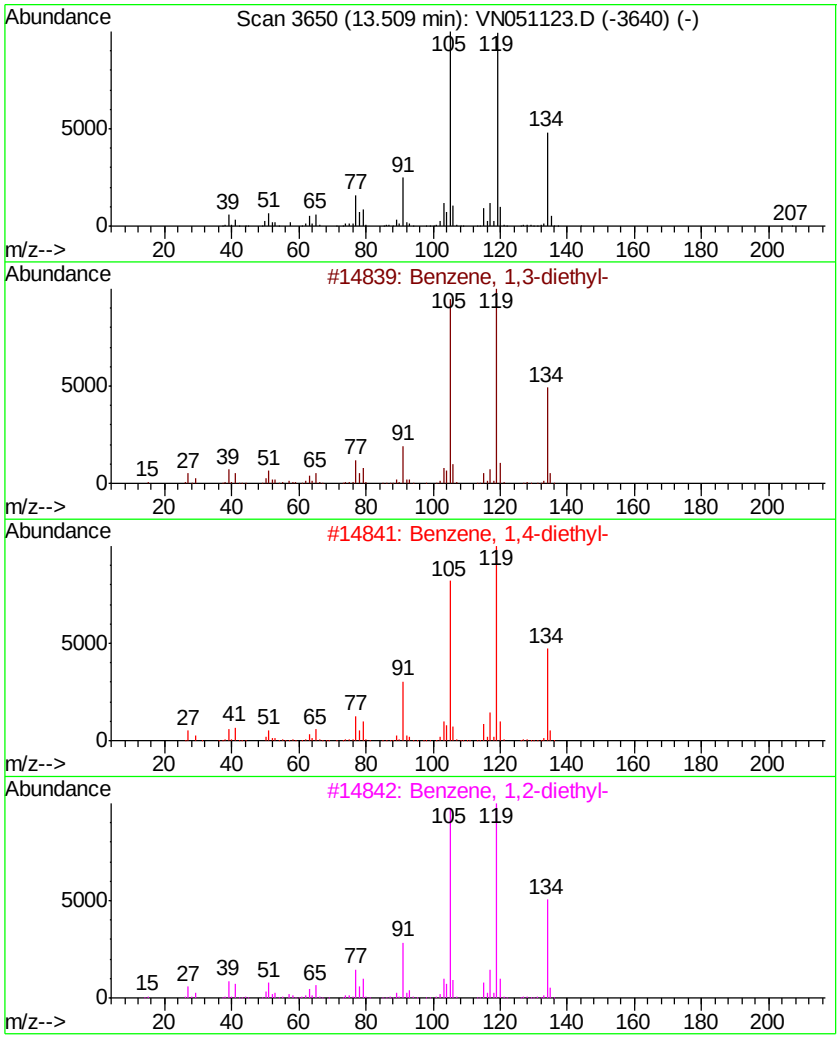
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

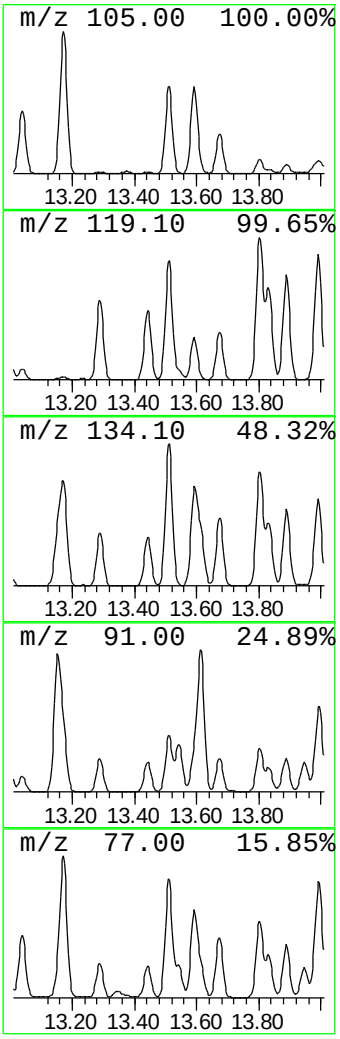
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	176.51 ug/l	8161690	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051123.D
Acq On : 11 Sep 2018 13:33
Operator : MD\SY
Sample : J4849-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-G

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

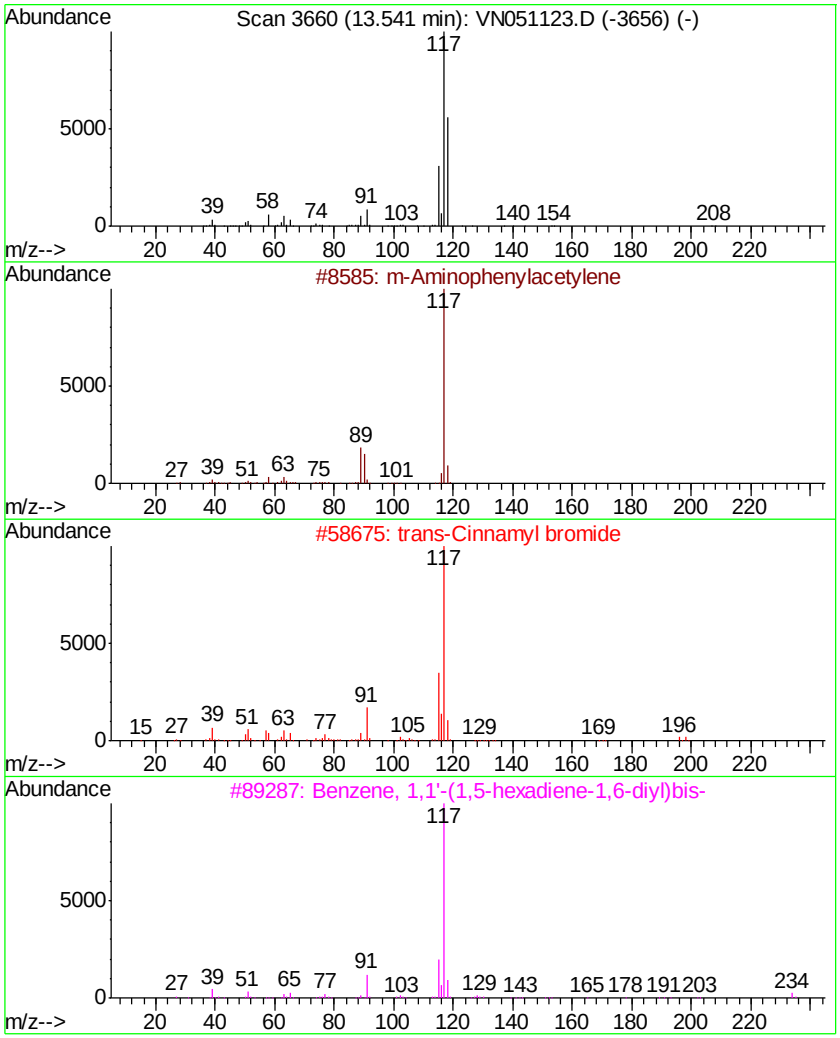
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

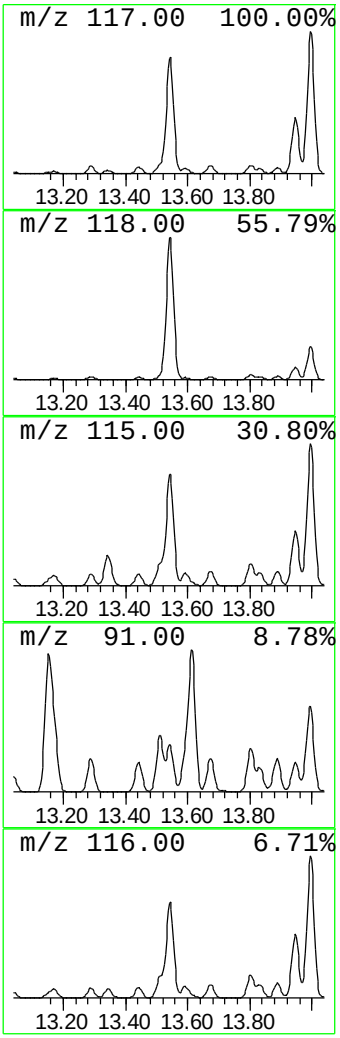
****

Peak Number 3 m-Aminophenylacetylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	147.03 ug/l	6798680	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Aminophenylacetylene	117	C8H7N	054060-30-9	50
2	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	45
3	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	40
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	38
5	3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	17





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051123.D
Acq On : 11 Sep 2018 13:33
Operator : MD\SY
Sample : J4849-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-G

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

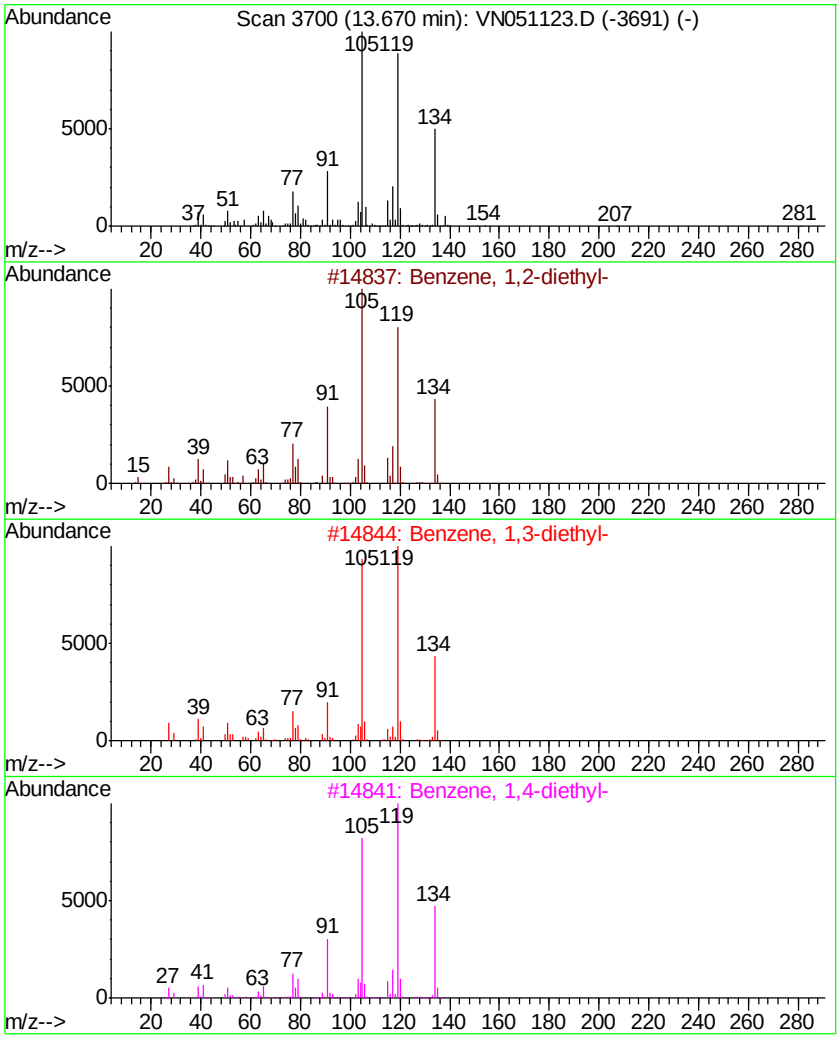
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

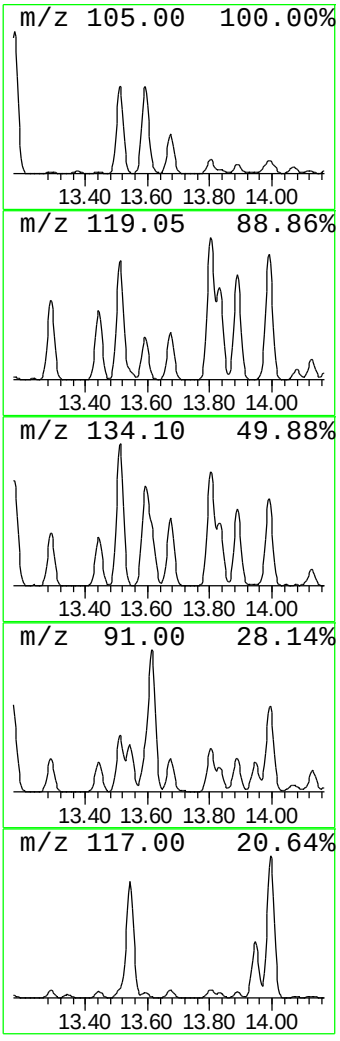
****

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	94.46 ug/l	4367960	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	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051123.D
Acq On : 11 Sep 2018 13:33
Operator : MD\SY
Sample : J4849-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-G

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

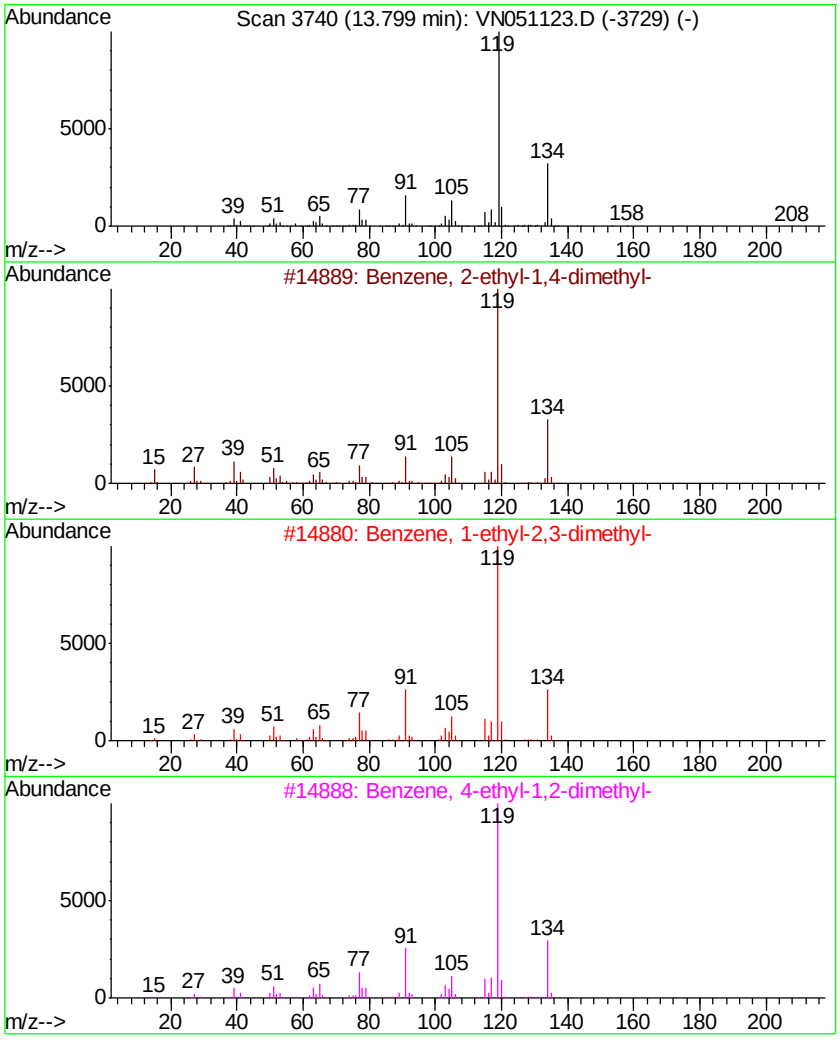
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

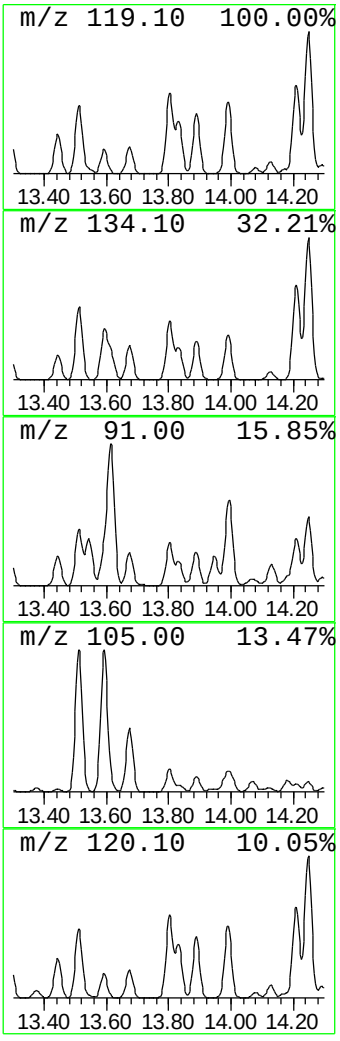
****

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	126.97 ug/l	5870880	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
Data File : VN051123.D
Acq On : 11 Sep 2018 13:33
Operator : MD\SY
Sample : J4849-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-G

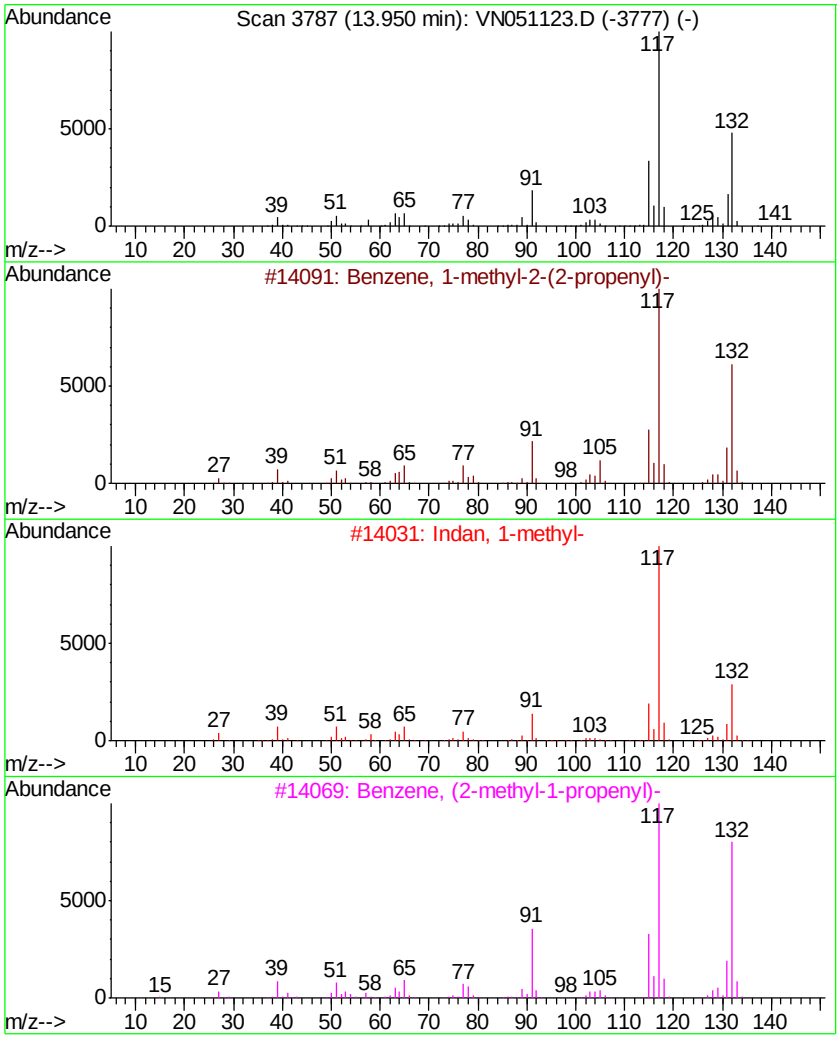
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260

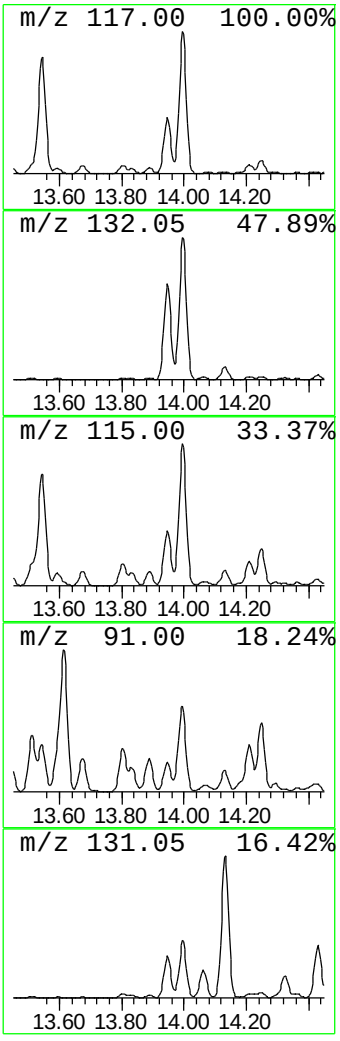
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-methyl-2-(2-prop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	82.84 ug/l	3830300	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	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051123.D
Acq On : 11 Sep 2018 13:33
Operator : MD\SY
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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-G

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

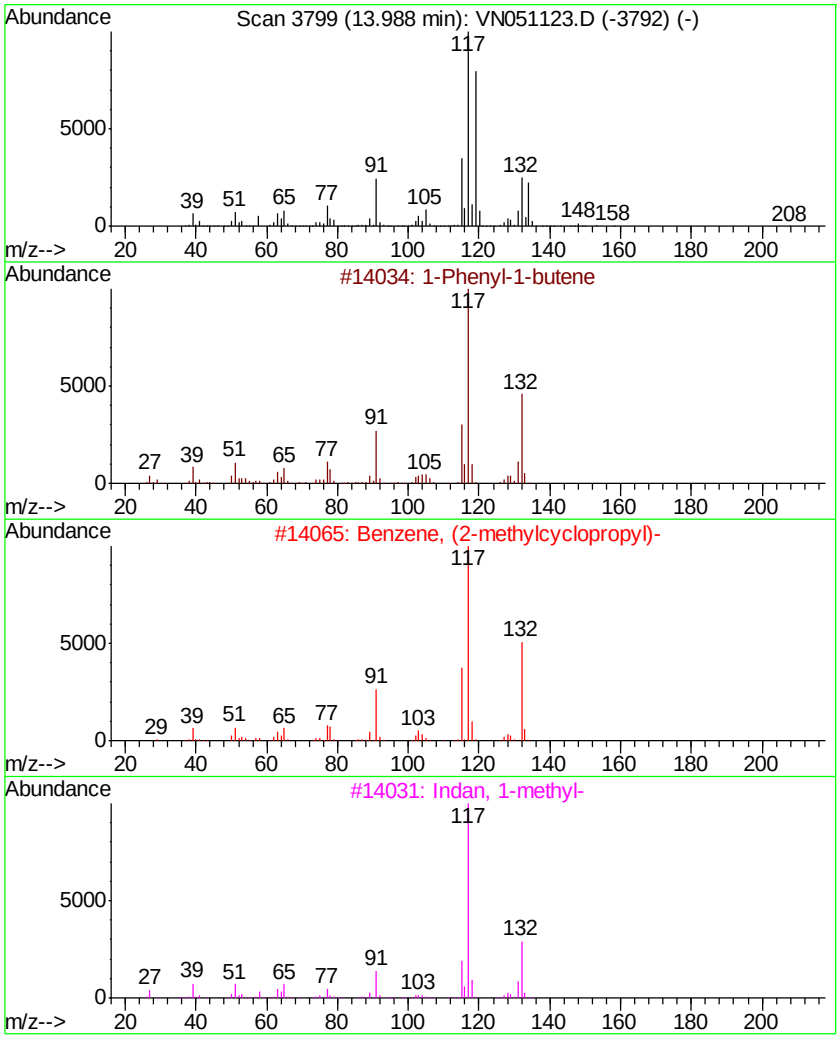
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

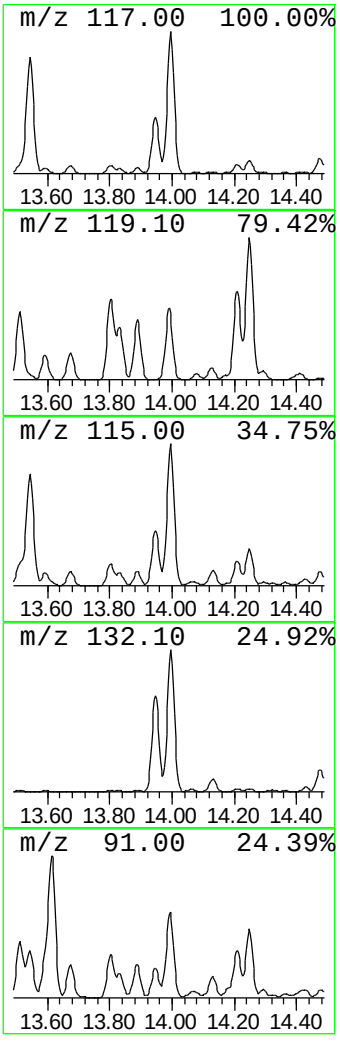
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	276.09 ug/l	12766200	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	70
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	64
3	Indan, 1-methyl-	132	C10H12	000767-58-8	64
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	62
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051123.D
Acq On : 11 Sep 2018 13:33
Operator : MD\SY
Sample : J4849-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-G

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

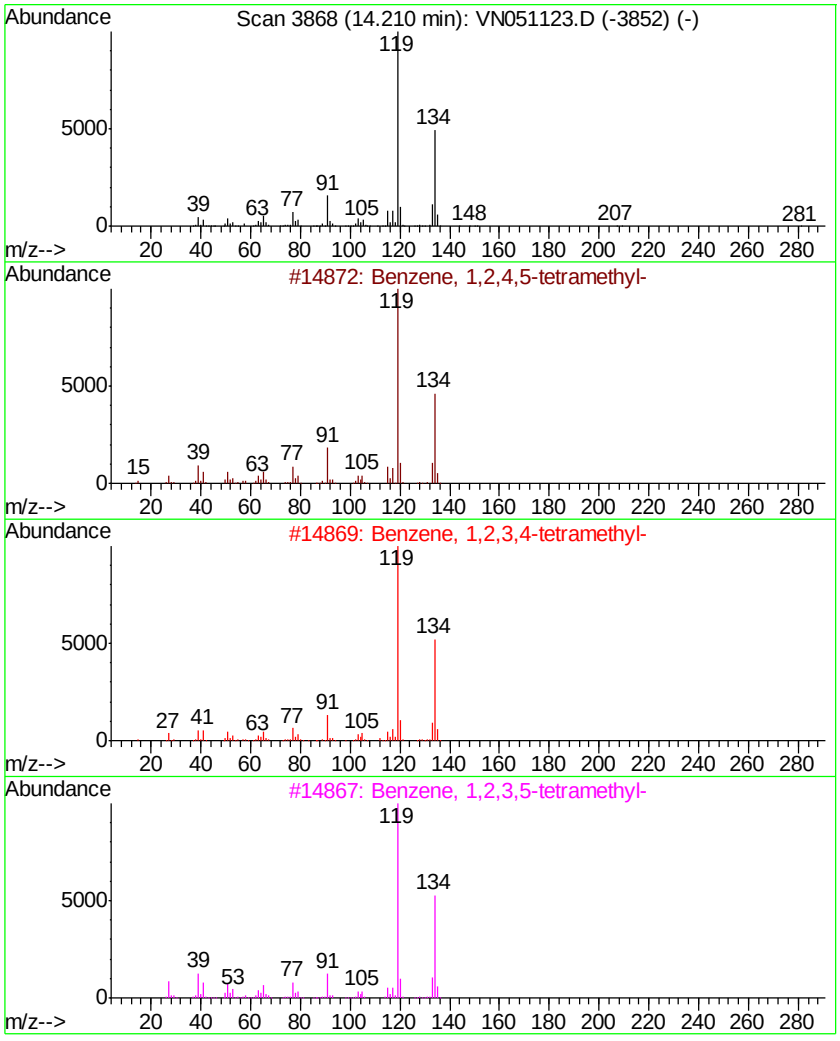
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

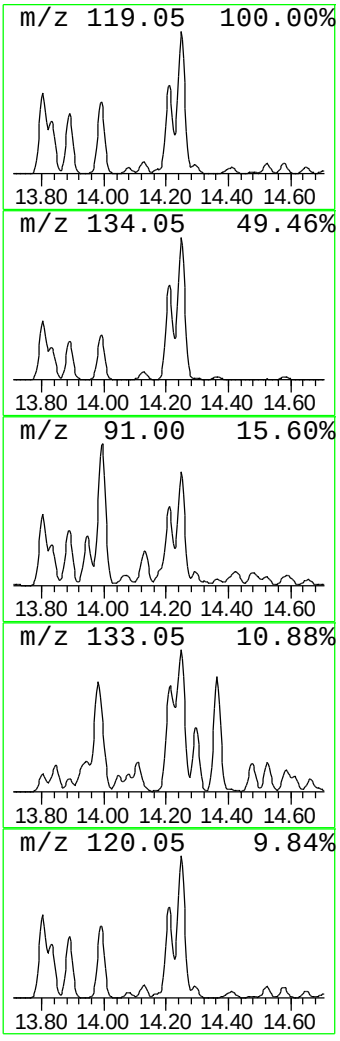
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	142.51 ug/l	6589440	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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051123.D
Acq On : 11 Sep 2018 13:33
Operator : MD\SY
Sample : J4849-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-G

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

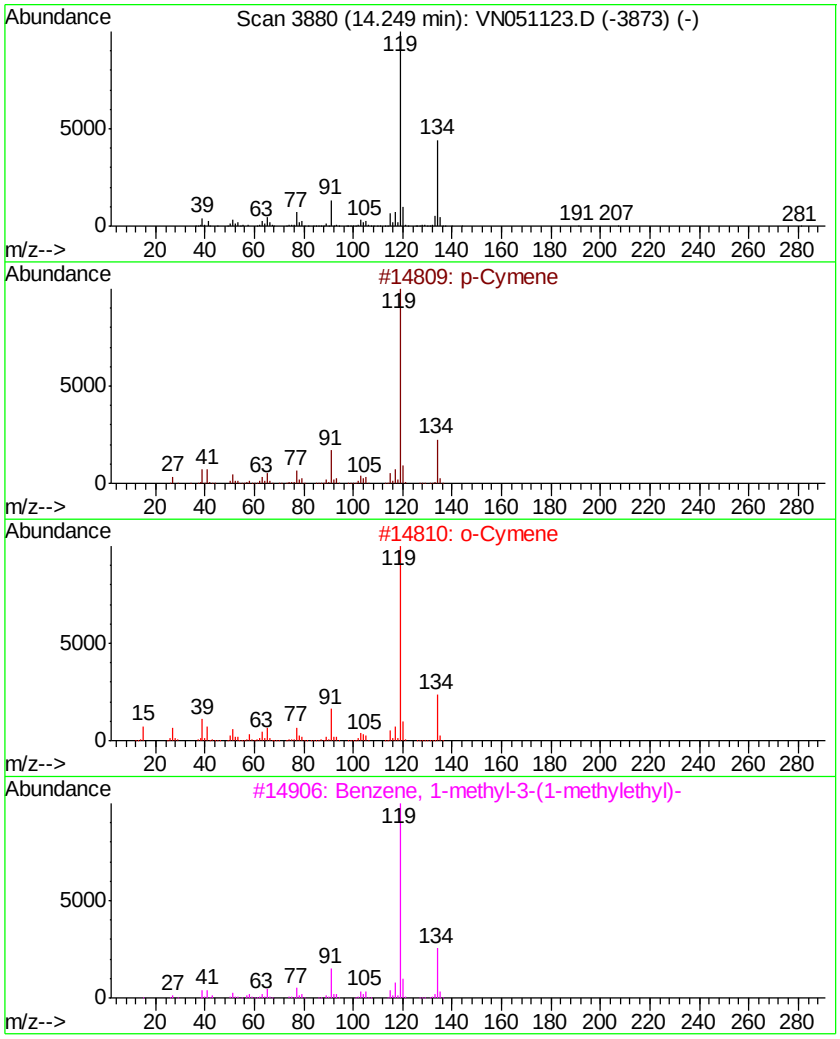
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

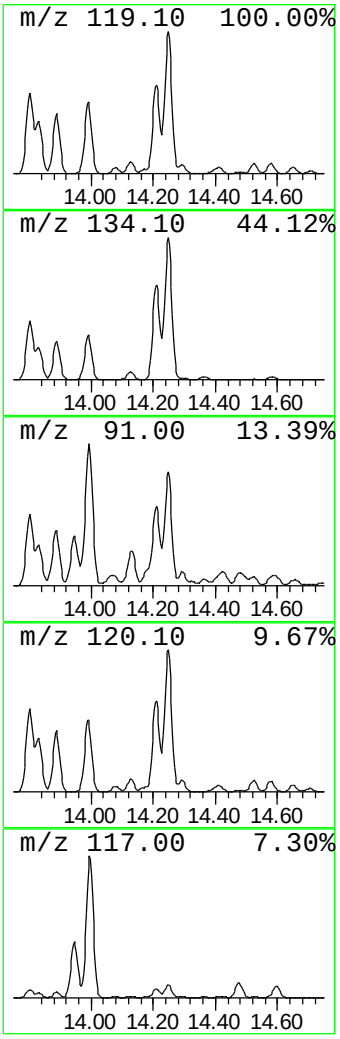
****

Peak Number 10 p-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	202.94 ug/l	9383800	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051123.D
Acq On : 11 Sep 2018 13:33
Operator : MD\SY
Sample : J4849-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-G

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
o-Cymene	13.44	55.5	ug/l	2568550	4	13.34	2311980	50.0
Benzene, 1,3-diet...	13.51	176.5	ug/l	8161690	4	13.34	2311980	50.0
m-Aminophenylacet...	13.54	147.0	ug/l	6798680	4	13.34	2311980	50.0
Benzene, 1,2-diet...	13.67	94.5	ug/l	4367960	4	13.34	2311980	50.0
Benzene, 2-ethyl-...	13.80	127.0	ug/l	5870880	4	13.34	2311980	50.0
Benzene, 1-methyl...	13.95	82.8	ug/l	3830300	4	13.34	2311980	50.0
1-Phenyl-1-butene	13.99	276.1	ug/l	12766200	4	13.34	2311980	50.0
Benzene, 1,2,4,5-...	14.21	142.5	ug/l	6589440	4	13.34	2311980	50.0
p-Cymene	14.25	202.9	ug/l	9383800	4	13.34	2311980	50.0