LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
Data File : VN051125.D
Acq On : 11 Sep 2018 14:23
Operator : MD\SY
Sample : J4849-11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-FD

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	1790	1810	1821	rBV	493713	1250349	1.30%	0.333%
2	7.667	1821	1833	1862	rVB	836384	2039429	2.12%	0.544%
3	8.027	1927	1945	1971	rBV	456002	1093538	1.14%	0.291%
4	8.587	2103	2119	2145	rBV	1086267	2275072	2.36%	0.606%
5	10.091	2571	2587	2615	rBV	2096095	4079696	4.24%	1.087%
6	11.406	2983	2996	3013	rBV	1472442	2661428	2.76%	0.709%
7	11.509	3014	3028	3045	rBV2	694584	1680132	1.74%	0.448%
8	11.625	3046	3064	3082	rBV	6670819	13486260	14.01%	3.595%
9	11.921	3142	3156	3167	rBV7	760303	1932899	2.01%	0.515%
10	12.120	3209	3218	3225	rBV	1068150	1674284	1.74%	0.446%
11	12.168	3225	3233	3247	rVV4	912669	1735004	1.80%	0.462%
12	12.249	3247	3258	3270	rVB	11330069	17881164	18.57%	4.766%
13	12.400	3294	3305	3317	rBV	1490314	2563777	2.66%	0.683%
14	12.474	3317	3328	3339	rBV4	591122	1312233	1.36%	0.350%
15	12.590	3348	3364	3376	rVB2	19930621	33381694	34.67%	8.898%
16	12.689	3377	3395	3402	rBV	8562768	14804070	15.37%	3.946%
17	12.731	3402	3408	3419	rVB	5837564	9134950	9.49%	2.435%
18	12.963	3472	3480	3485	rBV2	1141584	1774189	1.84%	0.473%
19	13.040	3493	3504	3518	rVB3	56781253	96289310	100.00%	25.667%
20	13.172	3530	3545	3554	rBV3	4028198	8873184	9.22%	2.365%
21	13.236	3556	3565	3573	rVV3	1197113	2174434	2.26%	0.580%
22	13.287	3573	3581	3590	rVV	1575793	2483196	2.58%	0.662%
23	13.374	3590	3608	3620	rVV	22685713	38700044	40.19%	10.316%
24	13.442	3621	3629	3639	rVV	1769202	2688120	2.79%	0.717%
25	13.512	3640	3651	3653	rVV	4743756	6062387	6.30%	1.616%
26	13.545	3654	3661	3669	rVV	13618462	22649058	23.52%	6.037%
27	13.590	3669	3675	3691	rVV4	3381345	8255822	8.57%	2.201%
28	13.670	3691	3700	3710	rVB2	2334531	3901711	4.05%	1.040%
29	13.802	3731	3741	3746	rBV	2411288	3924880	4.08%	1.046%
30	13.831	3746	3750	3759	rVV	2577017	3686301	3.83%	0.983%
31	13.889	3759	3768	3778	rVV	8636371	13415114	13.93%	3.576%
32	13.947	3778	3786	3792	rVV	2894923	4521329	4.70%	1.205%
33	13.992	3792	3800	3812	rVB3	8554437	14379549	14.93%	3.833%
34	14.130	3832	3843	3852	rBV3	2072546	3372144	3.50%	0.899%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
Data File : VN051125.D
Acq On : 11 Sep 2018 14:23
Operator : MD\SY
Sample : J4849-11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-FD

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	14.210	3852	3868	3874	rVV	3833660	6753840	7.01%	1.800%
36	14.249	3875	3880	3888	rVB	2359972	3274625	3.40%	0.873%
37	14.477	3943	3951	3960	rBV2	872889	1339027	1.39%	0.357%
38	14.583	3973	3984	3998	rBV4	7005914	13645733	14.17%	3.637%

Sum of corrected areas: 375149976

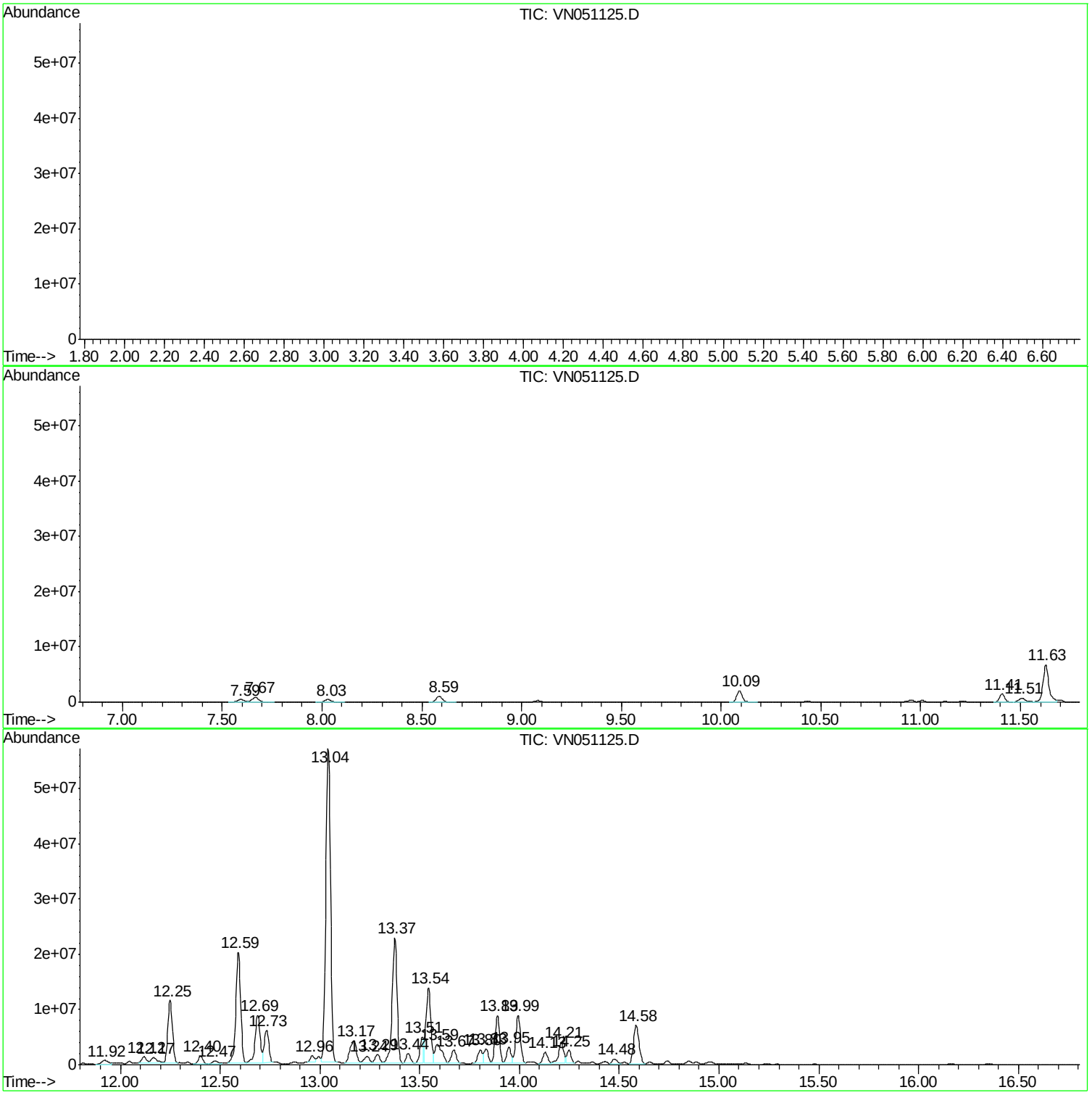
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051125.D
Acq On : 11 Sep 2018 14:23
Operator : MD\SY
Sample : J4849-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-FD

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 : VN051125.D
Acq On : 11 Sep 2018 14:23
Operator : MD\SY
Sample : J4849-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-FD

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

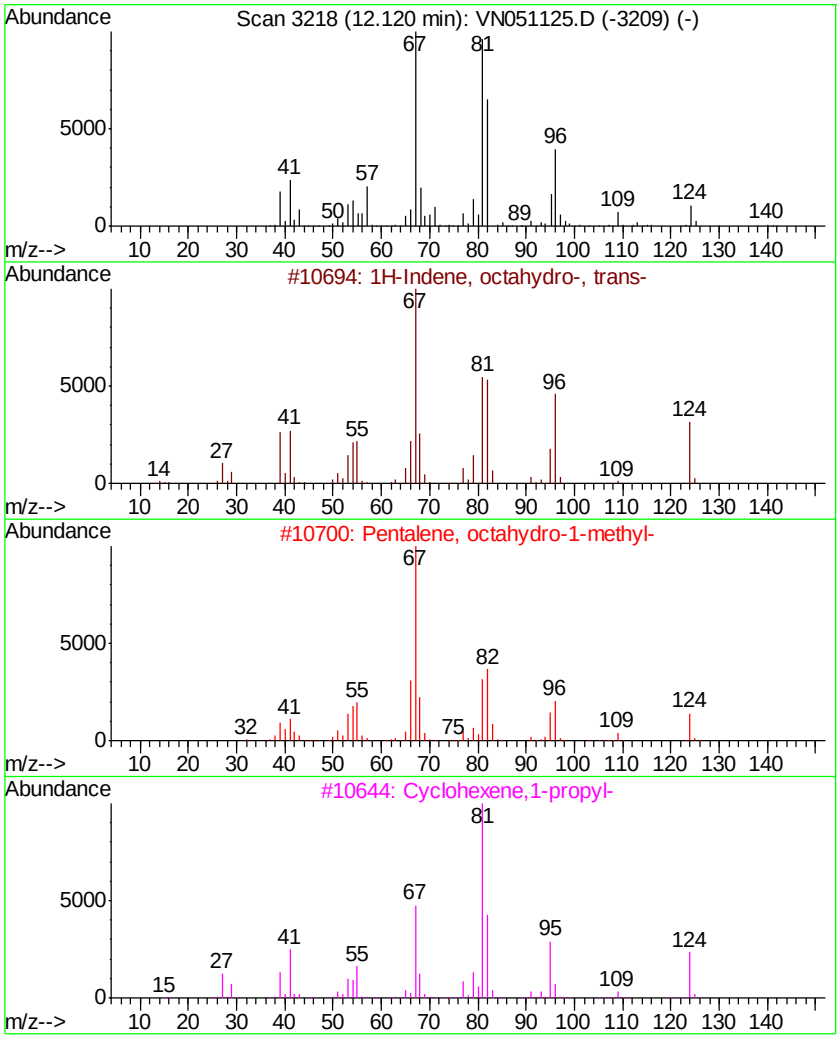
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

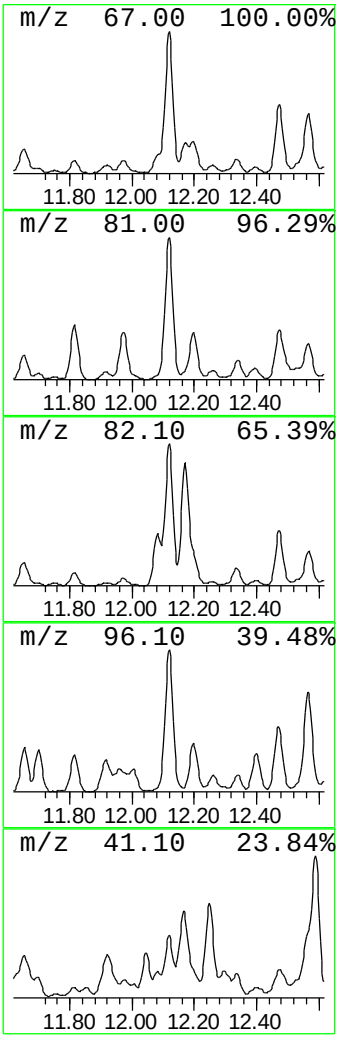
****

Peak Number 1 1H-Indene, octahydro-, trans- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	31.45 ug/l	1674280	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	62
2	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	46
3	Cyclohexene,1-propyl-	124	C9H16	002539-75-5	46
4	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	46
5	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051125.D
Acq On : 11 Sep 2018 14:23
Operator : MD\SY
Sample : J4849-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-FD

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

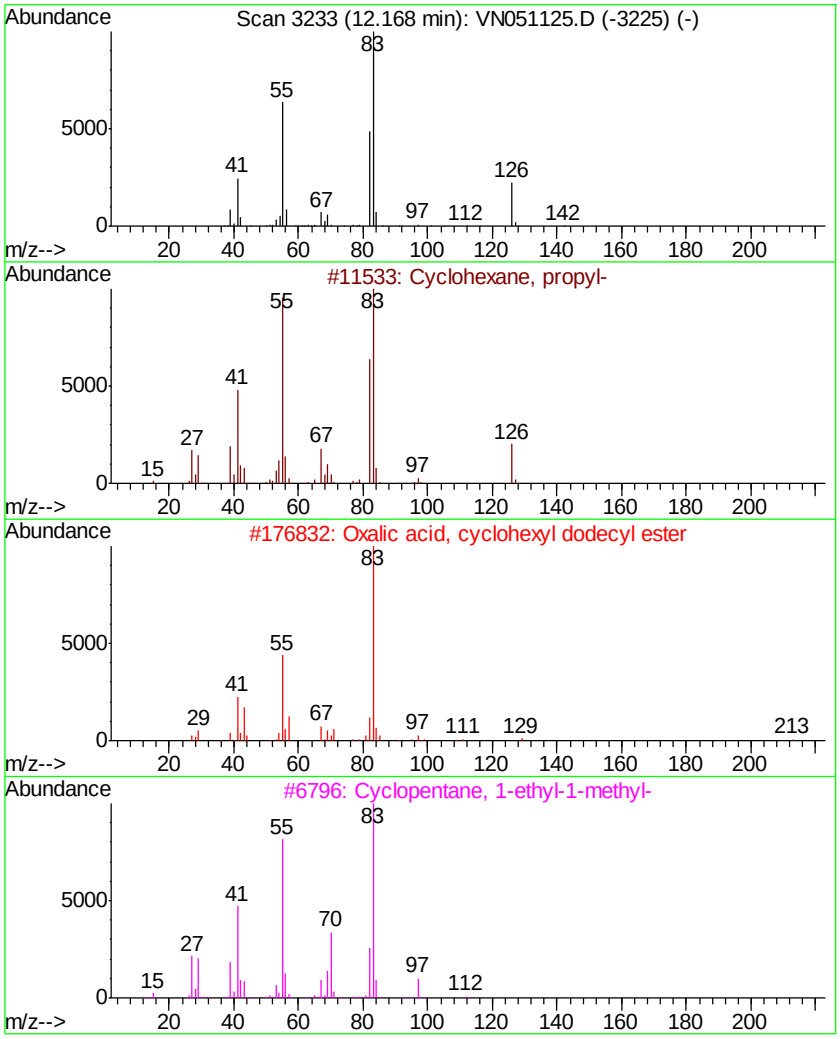
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

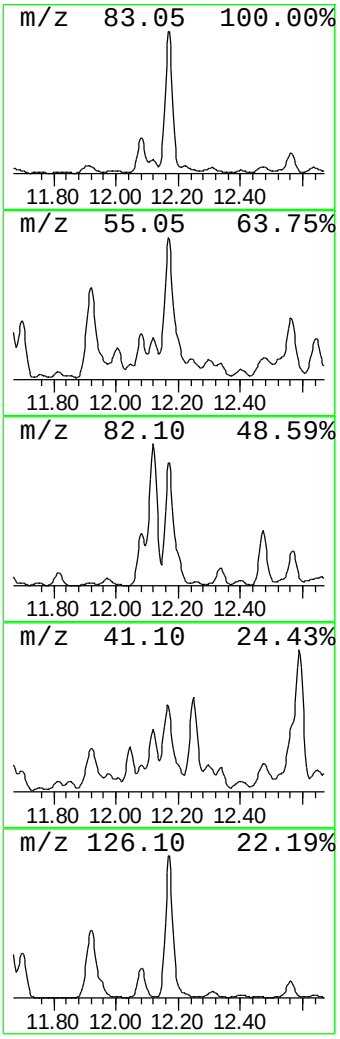
****

Peak Number 2 Cyclohexane, propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	32.60 ug/l	1735000	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	90
2	Oxalic acid, cyclohexyl dodecyl ...	340	C20H36O4	1000309-31-4	53
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	53
4	Oxalic acid, cyclohexyl octyl ester	284	C16H28O4	1000309-31-0	50
5	Oxalic acid, cyclohexyl nonyl ester	298	C17H30O4	1000309-31-1	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051125.D
Acq On : 11 Sep 2018 14:23
Operator : MD\SY
Sample : J4849-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-FD

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

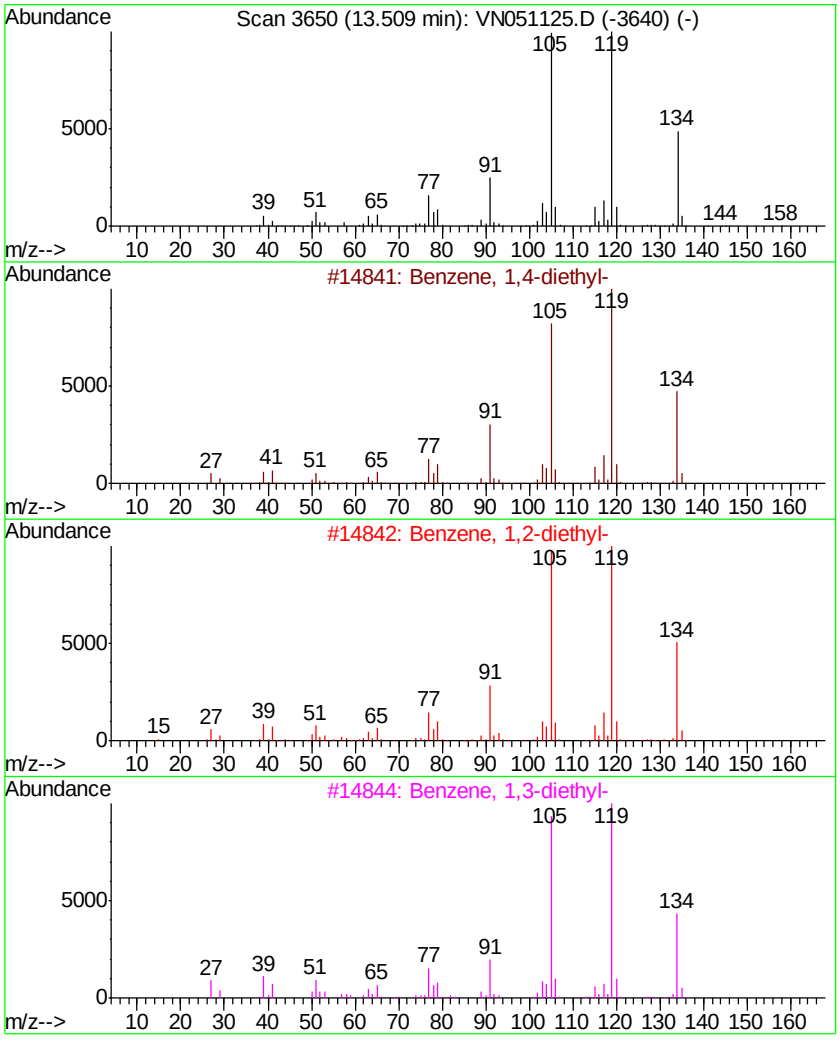
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

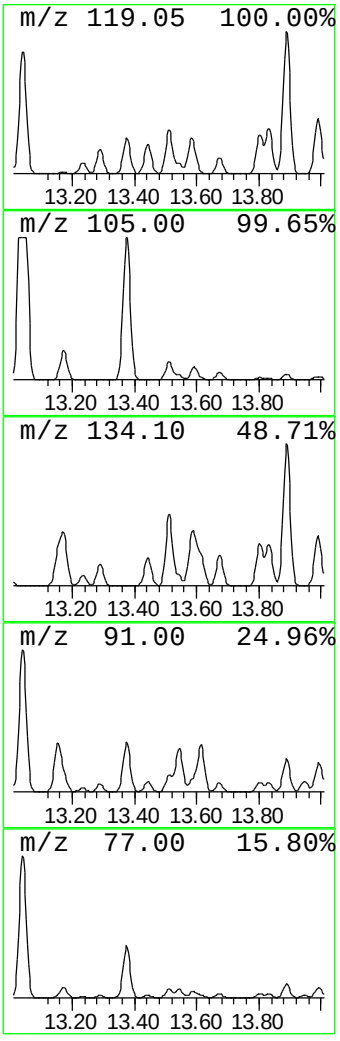
****

Peak Number 3 Benzene, 1,4-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	7.83 ug/l	6062390	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051125.D
Acq On : 11 Sep 2018 14:23
Operator : MD\SY
Sample : J4849-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-FD

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

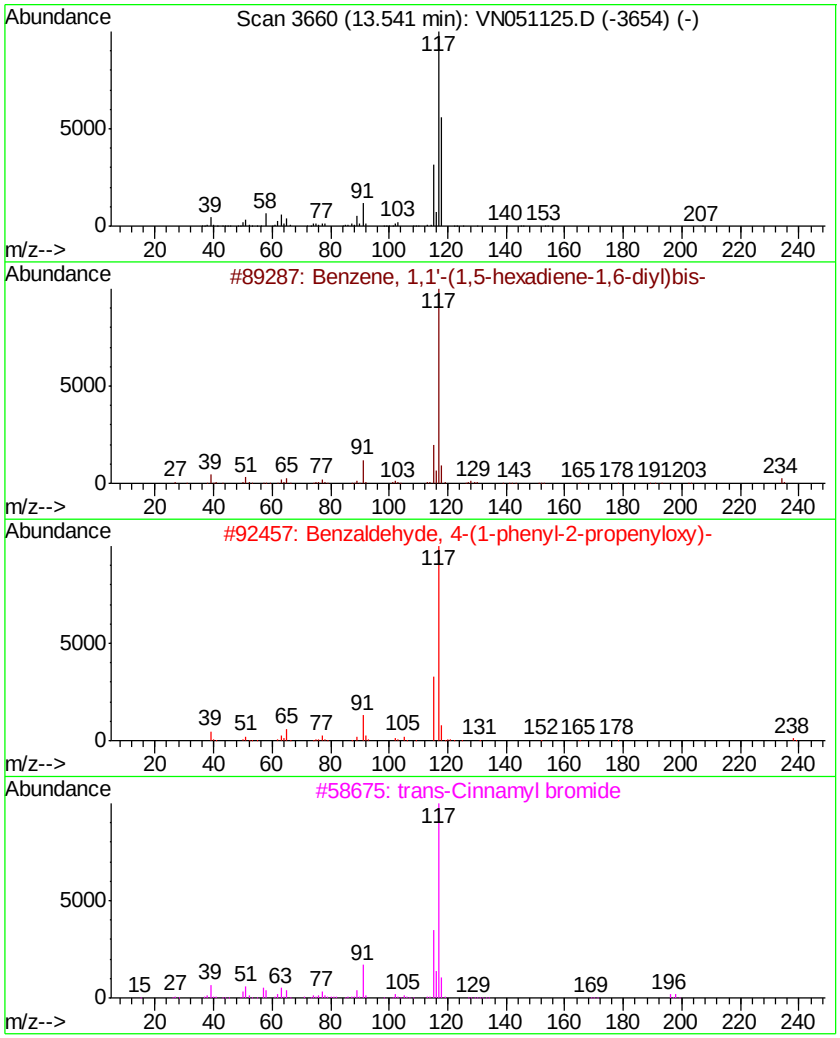
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

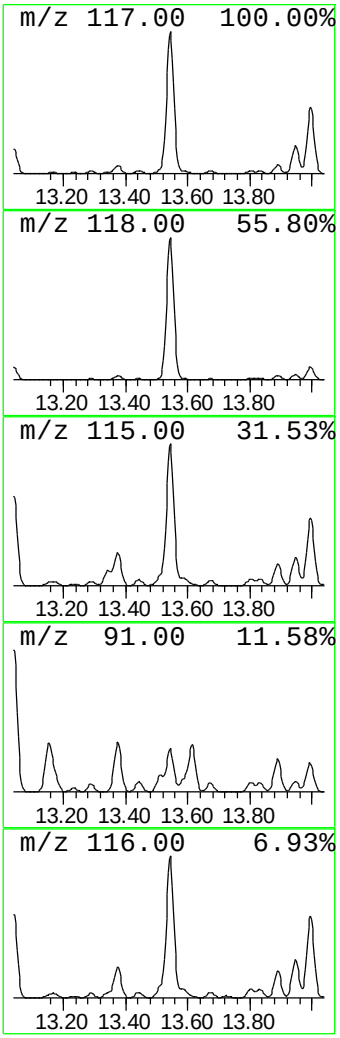
****

Peak Number 4 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	29.26 ug/l	22649100	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	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	42
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	42
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	38
5	m-Aminophenylacetylene	117	C8H7N	054060-30-9	37





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051125.D
Acq On : 11 Sep 2018 14:23
Operator : MD\SY
Sample : J4849-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-FD

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

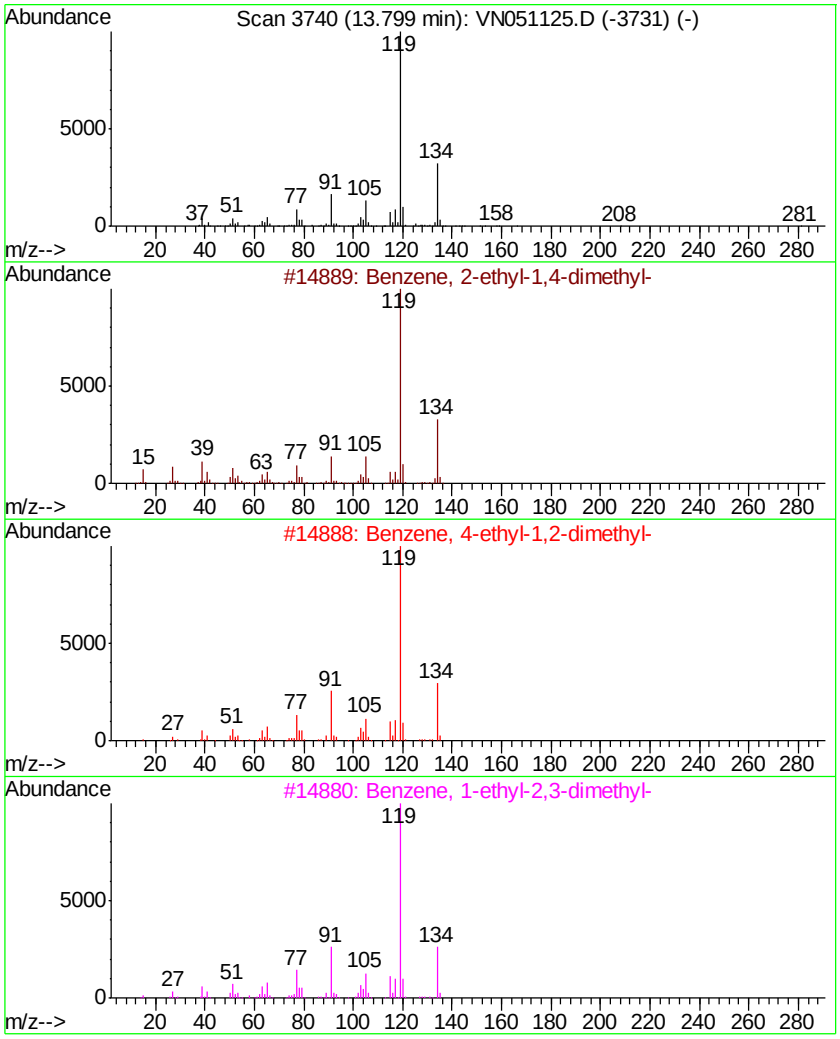
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

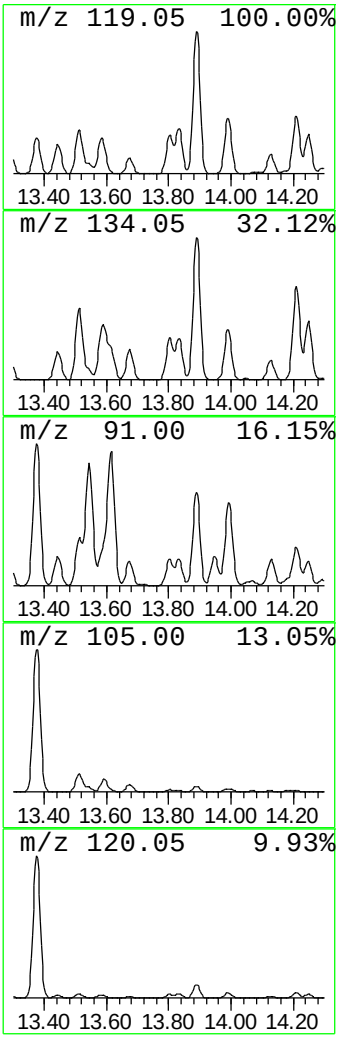
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	5.07 ug/l	3924880	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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051125.D
Acq On : 11 Sep 2018 14:23
Operator : MD\SY
Sample : J4849-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-FD

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

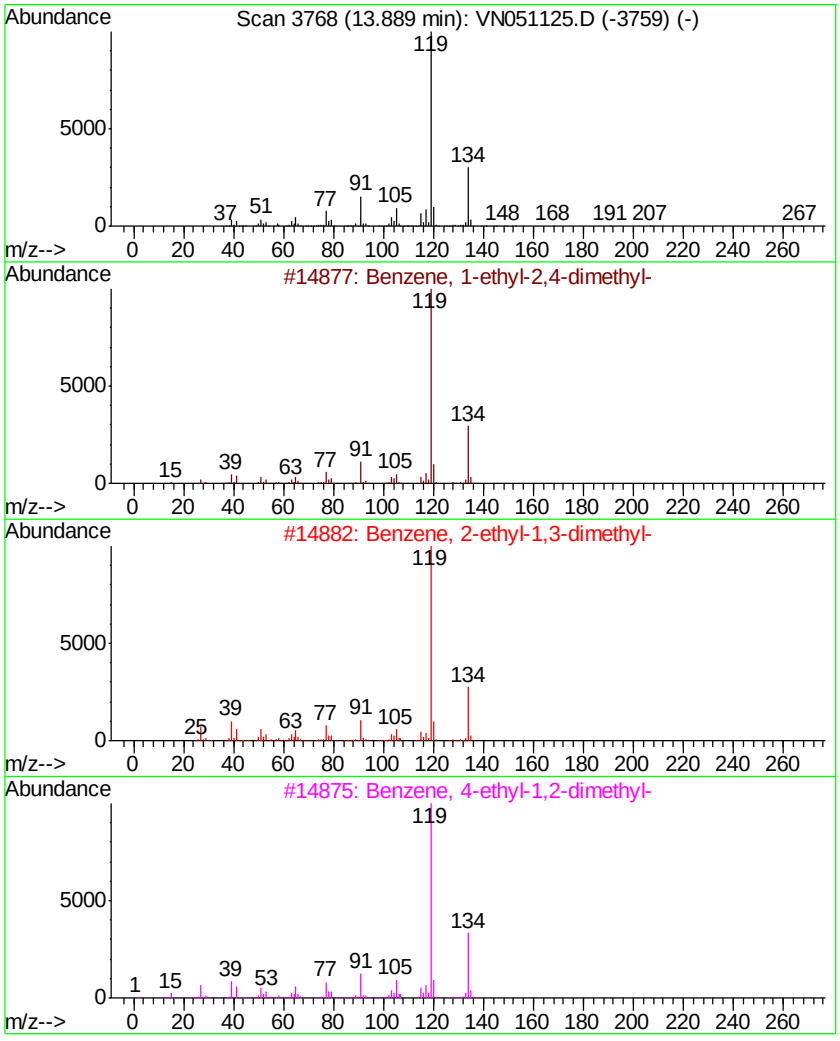
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

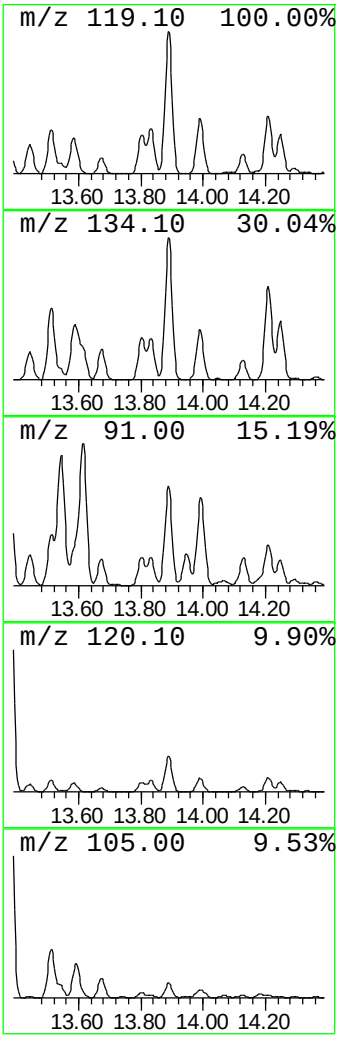
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	17.33 ug/l	13415100	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, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051125.D
Acq On : 11 Sep 2018 14:23
Operator : MD\SY
Sample : J4849-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-FD

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

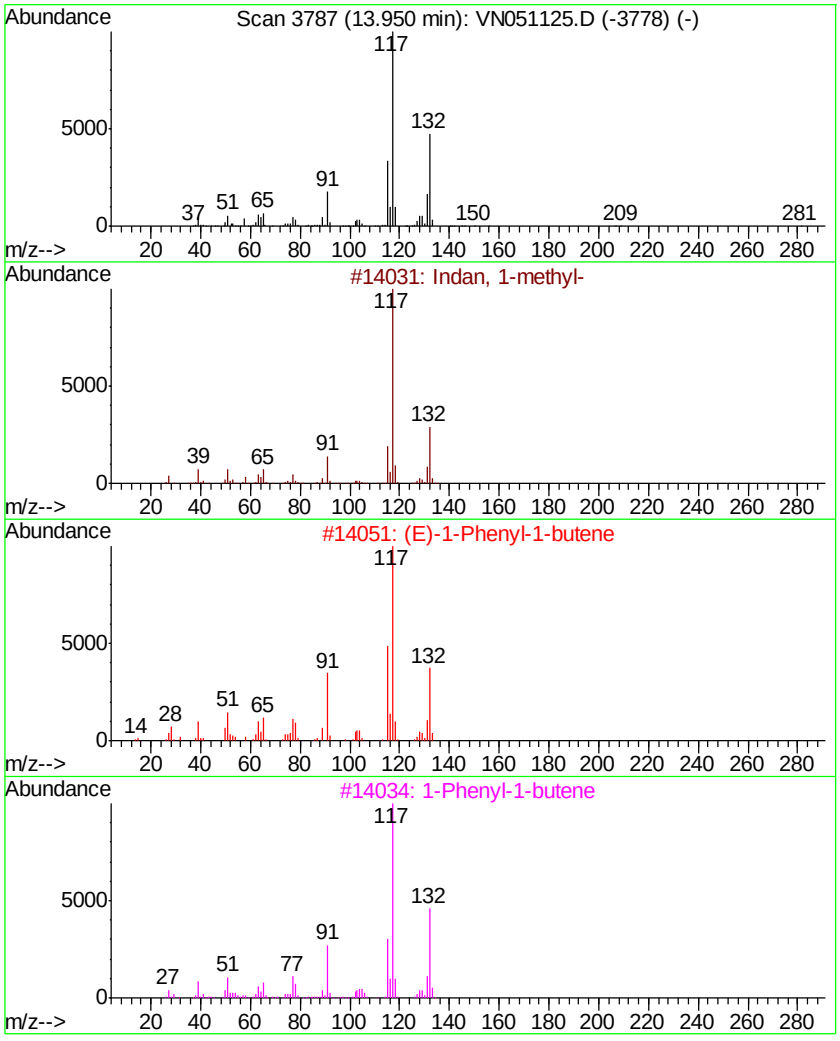
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

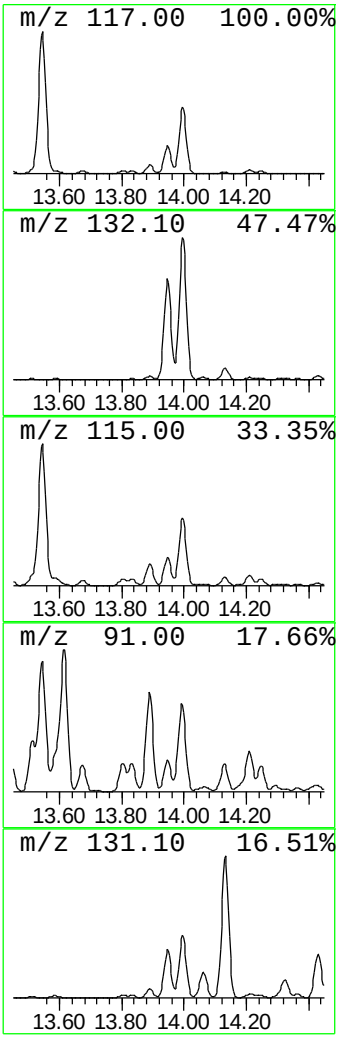
****

Peak Number 7 Indan, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	5.84 ug/l	4521330	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	90
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051125.D
Acq On : 11 Sep 2018 14:23
Operator : MD\SY
Sample : J4849-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-FD

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

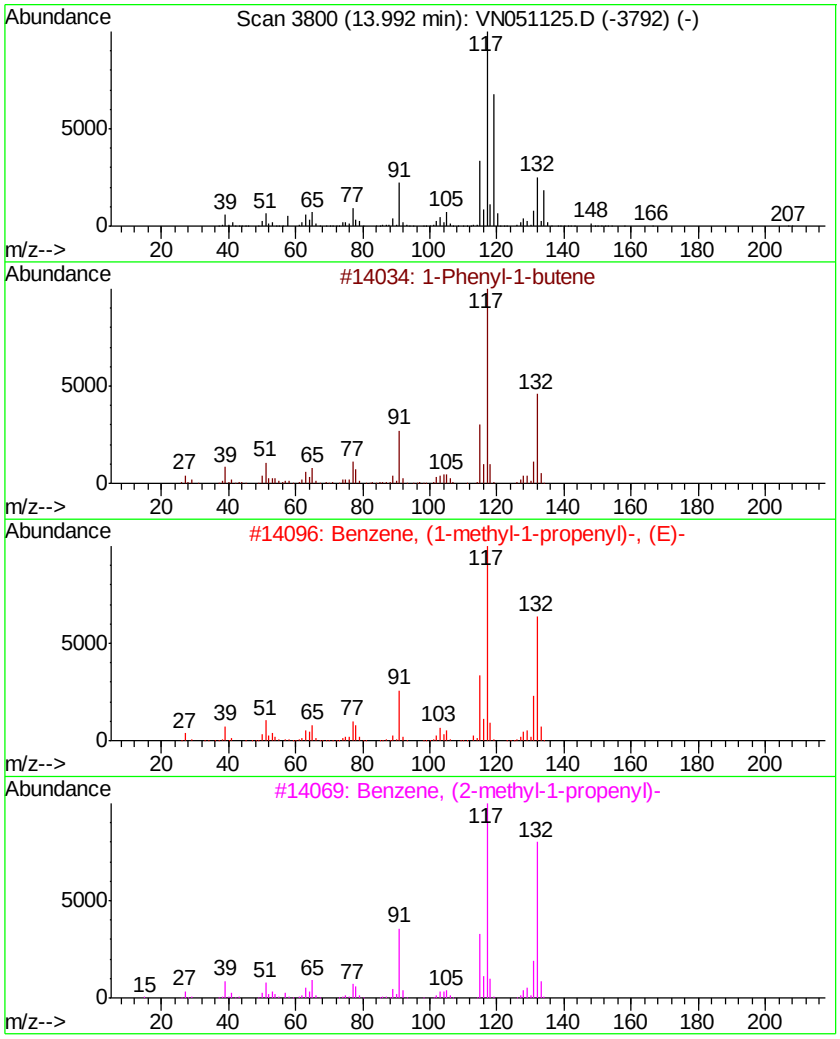
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

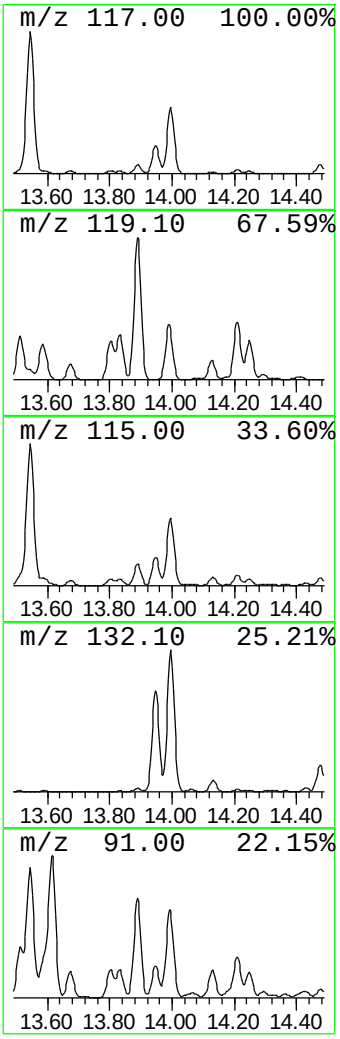
****

Peak Number 8 1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	18.58 ug/l	14379500	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, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
4	Indan, 1-methyl-	132	C10H12	000767-58-8	64
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051125.D
Acq On : 11 Sep 2018 14:23
Operator : MD\SY
Sample : J4849-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-FD

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

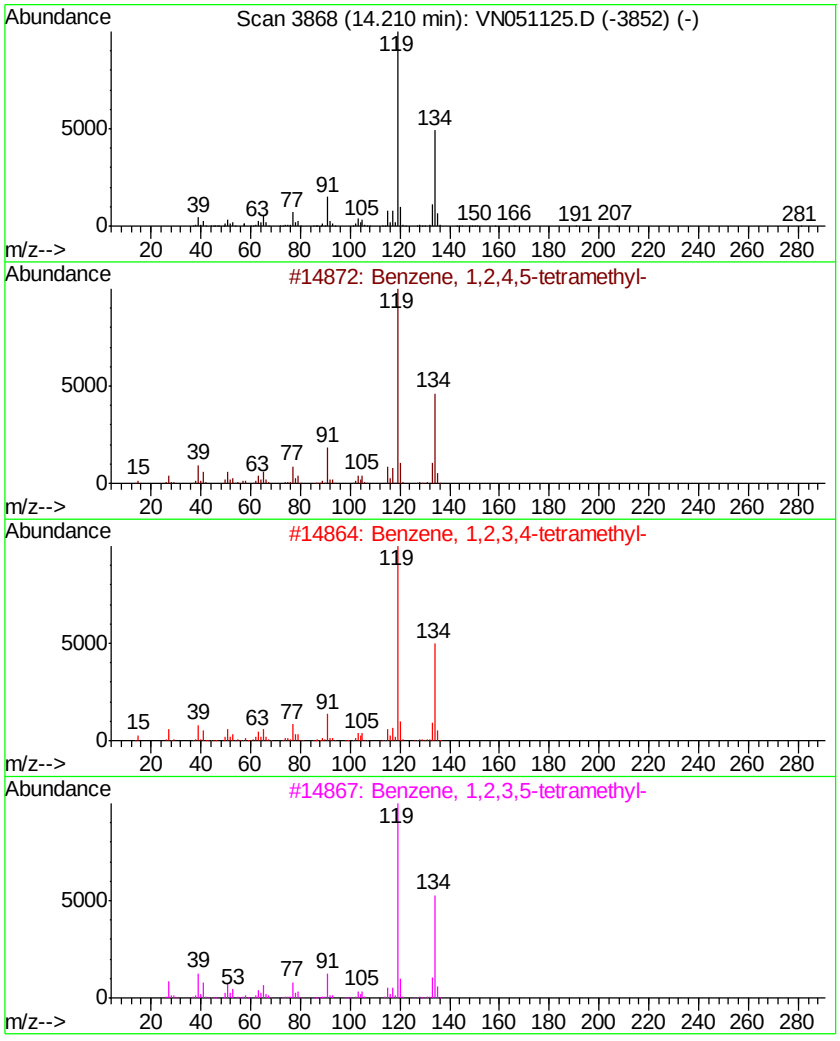
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

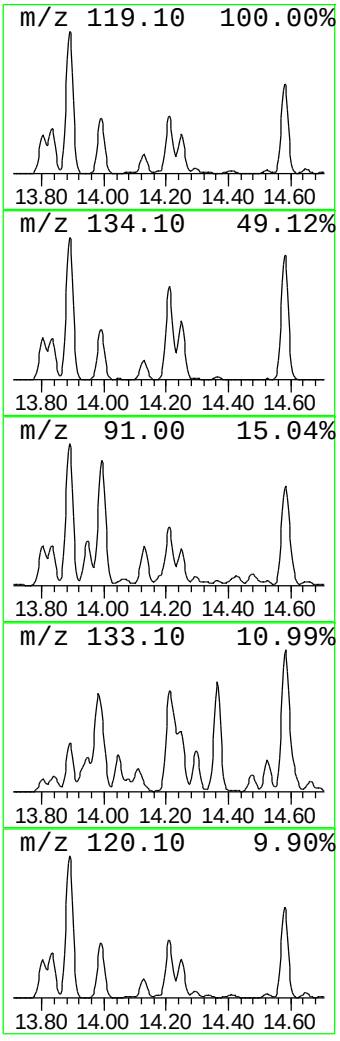
****

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	8.73 ug/l	6753840	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	97
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051125.D
Acq On : 11 Sep 2018 14:23
Operator : MD\SY
Sample : J4849-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-FD

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
1H-Indene, octahy...	12.12	31.4	ug/l	1674280	3	11.41	2661430	50.0
Cyclohexane, propyl-	12.17	32.6	ug/l	1735000	3	11.41	2661430	50.0
Benzene, 1,4-diet...	13.51	7.8	ug/l	6062390	4	13.34	38700000	50.0
Benzene, 1,1'-(1,...	13.54	29.3	ug/l	22649100	4	13.34	38700000	50.0
Benzene, 2-ethyl-...	13.80	5.1	ug/l	3924880	4	13.34	38700000	50.0
Benzene, 1-ethyl-...	13.89	17.3	ug/l	13415100	4	13.34	38700000	50.0
Indan, 1-methyl-	13.95	5.8	ug/l	4521330	4	13.34	38700000	50.0
1-Phenyl-1-butene	13.99	18.6	ug/l	14379500	4	13.34	38700000	50.0
Benzene, 1,2,4,5-...	14.21	8.7	ug/l	6753840	4	13.34	38700000	50.0