LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053083.D
Acq On : 21 Dec 2018 3:56
Operator : MD\SY
Sample : J6519-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : DUP-122018-02

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\82N121818W.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	3.815	614	635	671	rBV	779515	2055987	15.17%	2.243%
2	5.050	992	1019	1044	rBV4	79462	298852	2.20%	0.326%
3	7.593	1787	1810	1821	rBV	694266	1748024	12.89%	1.907%
4	7.667	1821	1833	1855	rVB	1482173	3561911	26.27%	3.886%
5	8.030	1927	1946	1973	rBV	733846	1685060	12.43%	1.838%
6	8.249	1974	2014	2018	rBV	49102	203360	1.50%	0.222%
7	8.587	2103	2119	2144	rBV	2059808	4214973	31.09%	4.598%
8	9.082	2249	2273	2291	rBV2	144845	329464	2.43%	0.359%
9	10.091	2571	2587	2607	rBV	3262583	6011447	44.34%	6.558%
10	11.407	2984	2996	3014	rVB	2867940	4983297	36.76%	5.437%
11	12.249	3248	3258	3270	rVB	327856	528946	3.90%	0.577%
12	12.400	3293	3305	3319	rBV	2334159	3949344	29.13%	4.309%
13	12.561	3324	3355	3358	rBV2	389129	1309651	9.66%	1.429%
14	12.995	3483	3490	3500	rVB	139748	221365	1.63%	0.242%
15	13.172	3532	3545	3554	rBV3	327080	649339	4.79%	0.708%
16	13.345	3587	3599	3620	rVV	2777159	4862617	35.87%	5.305%
17	13.442	3621	3629	3639	rVB	325899	502995	3.71%	0.549%
18	13.513	3640	3651	3653	rBV2	1069222	1388721	10.24%	1.515%
19	13.545	3654	3661	3671	rVV	3668683	5967960	44.02%	6.511%
20	13.593	3671	3676	3691	rVV3	253547	427398	3.15%	0.466%
21	13.673	3691	3701	3712	rVB	623670	984560	7.26%	1.074%
22	13.889	3757	3768	3778	rBV	2734819	4203776	31.01%	4.586%
23	13.947	3778	3786	3792	rVV	946072	1514180	11.17%	1.652%
24	13.995	3792	3801	3814	rVB2	3610058	6009772	44.33%	6.557%
25	14.133	3833	3844	3852	rBV	352409	562391	4.15%	0.614%
26	14.210	3853	3868	3885	rVB	2224110	3674296	27.10%	4.009%
27	14.294	3887	3894	3899	rBV	120124	178535	1.32%	0.195%
28	14.365	3910	3916	3923	rVB	167591	210476	1.55%	0.230%
29	14.429	3924	3936	3942	rVV4	255182	500886	3.69%	0.546%
30	14.477	3942	3951	3961	rVV2	1038204	1710716	12.62%	1.866%
31	14.525	3962	3966	3972	rVV2	129201	174381	1.29%	0.190%
32	14.586	3972	3985	3999	rVV4	6728273	13557414	100.00%	14.791%
33	14.654	4000	4006	4016	rVB4	227973	410653	3.03%	0.448%
34	14.850	4048	4067	4073	rBV4	540155	1288599	9.50%	1.406%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053083.D
Acq On : 21 Dec 2018 3:56
Operator : MD\SY
Sample : J6519-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : DUP-122018-02

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\82N121818W.M
Title : SW846 8260

35	14.885	4073	4078	4086	rVV	482328	756579	5.58%	0.825%
36	14.959	4089	4101	4111	rVV3	909550	2017462	14.88%	2.201%
37	15.091	4135	4142	4156	rVB	281863	485805	3.58%	0.530%
38	15.191	4162	4173	4181	rBV	435824	765681	5.65%	0.835%
39	15.258	4181	4194	4221	rVB4	516638	1837654	13.55%	2.005%
40	15.416	4233	4243	4253	rBV	205625	371086	2.74%	0.405%
41	15.484	4255	4264	4277	rVB3	201699	383215	2.83%	0.418%
42	15.580	4283	4294	4297	rBV	357348	583959	4.31%	0.637%
43	15.615	4298	4305	4321	rVB	902741	1631960	12.04%	1.780%
44	15.699	4323	4331	4340	rBV2	140916	247997	1.83%	0.271%
45	15.773	4345	4354	4363	rVB3	159196	289326	2.13%	0.316%
46	15.914	4384	4398	4425	rBV	793023	1619090	11.94%	1.766%
47	16.104	4449	4457	4467	rVB5	86038	172658	1.27%	0.188%
48	16.168	4467	4477	4482	rBV5	69279	138549	1.02%	0.151%
49	16.355	4521	4535	4547	rBV4	190558	477769	3.52%	0.521%

Sum of corrected areas: 91660136

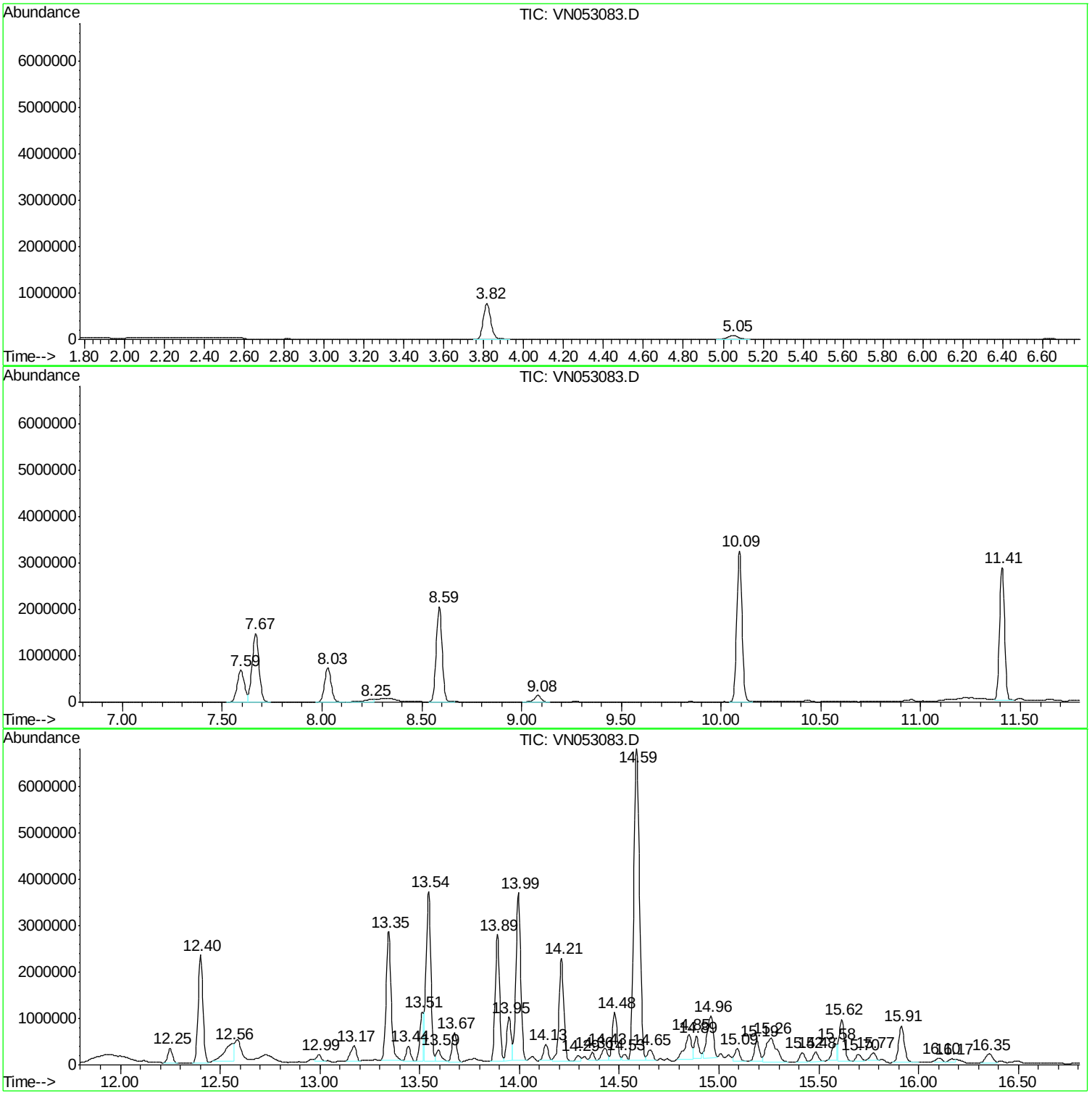
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053083.D
Acq On : 21 Dec 2018 3:56
Operator : MD\SY
Sample : J6519-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : DUP-122018-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.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\VN122018\
Data File : VN053083.D
Acq On : 21 Dec 2018 3:56
Operator : MD\SY
Sample : J6519-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : DUP-122018-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260

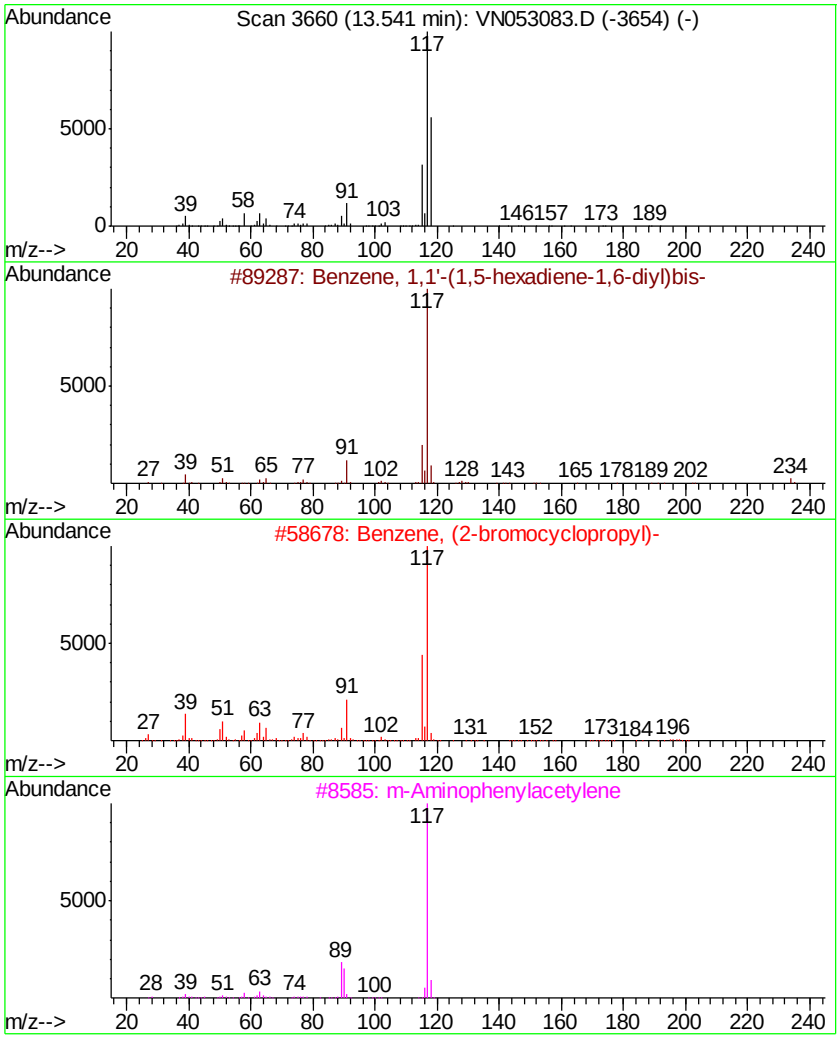
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

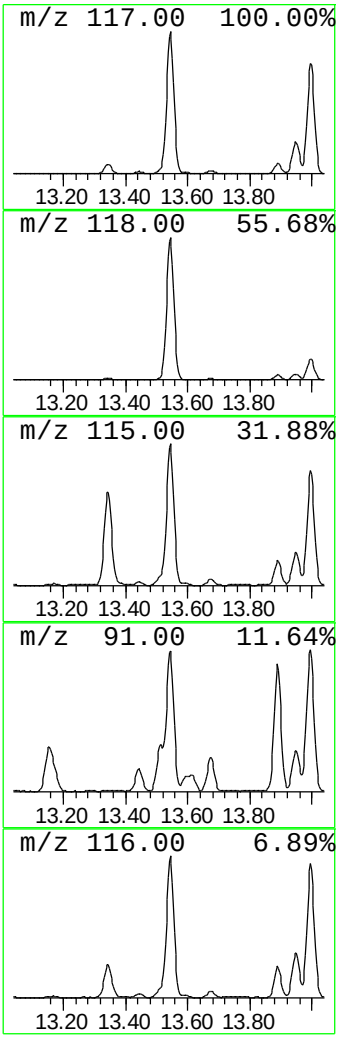
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	61.37 ug/l	5967960	1,4-Dichlorobenzene-d4	13.35

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	40
3	m-Aminophenylacetylene	117	C8H7N	054060-30-9	37
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	36
5	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	36





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053083.D
Acq On : 21 Dec 2018 3:56
Operator : MD\SY
Sample : J6519-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : DUP-122018-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260

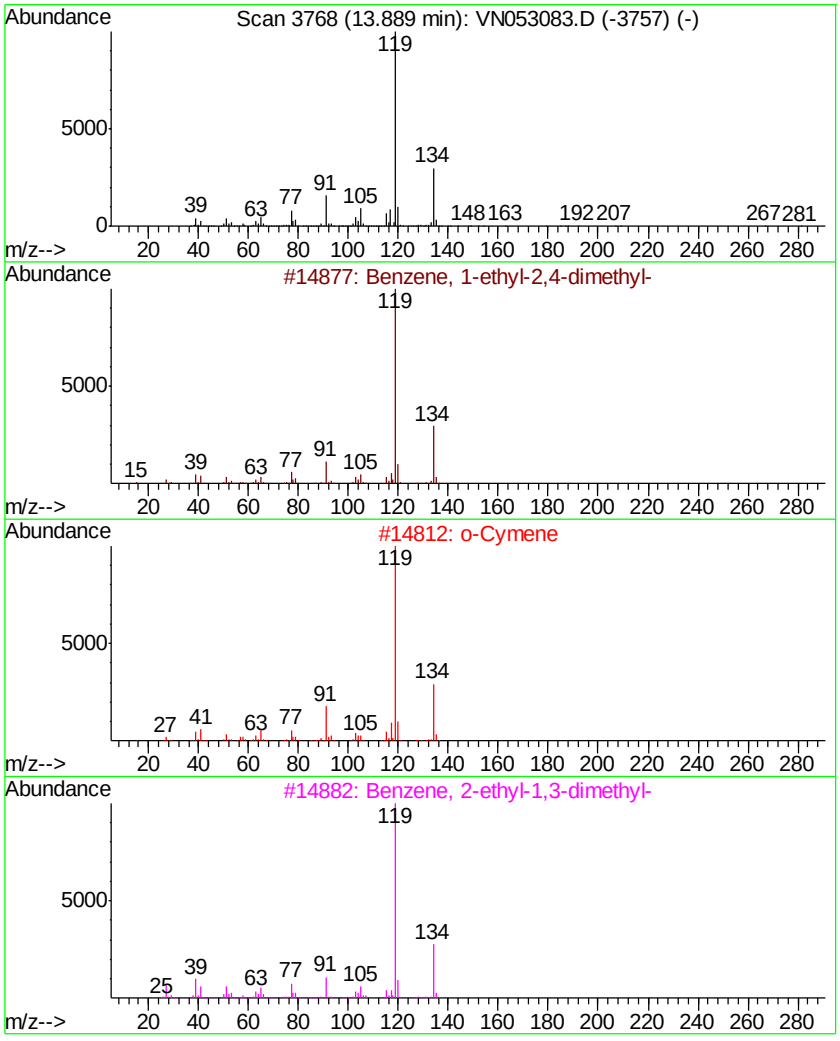
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

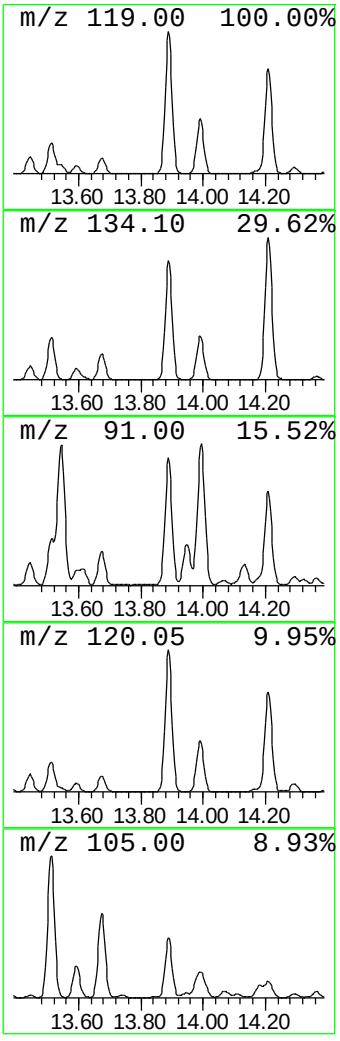
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	43.23 ug/l	4203780	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053083.D
Acq On : 21 Dec 2018 3:56
Operator : MD\SY
Sample : J6519-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : DUP-122018-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260

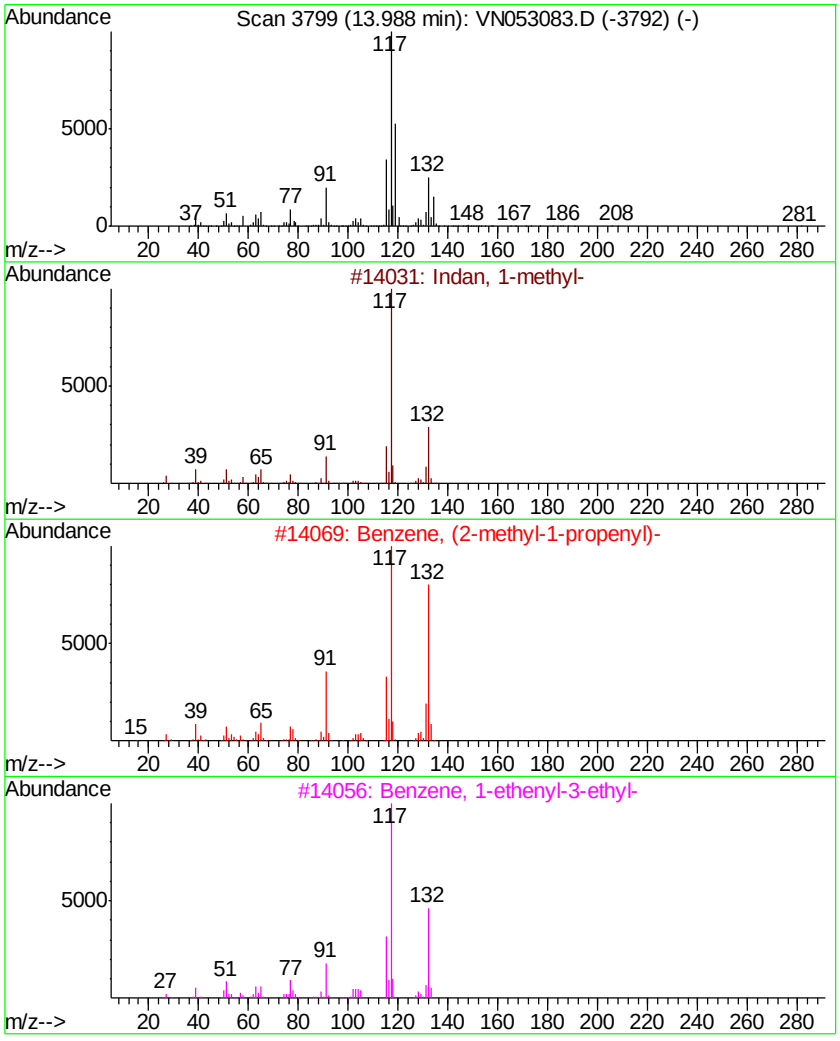
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

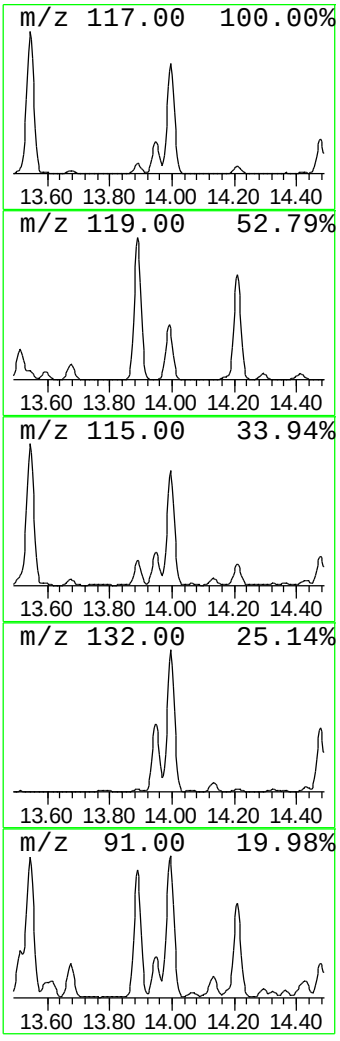
****

Peak Number 3 Indan, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	61.80 ug/l	6009770	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	91
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	64
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053083.D
Acq On : 21 Dec 2018 3:56
Operator : MD\SY
Sample : J6519-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : DUP-122018-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260

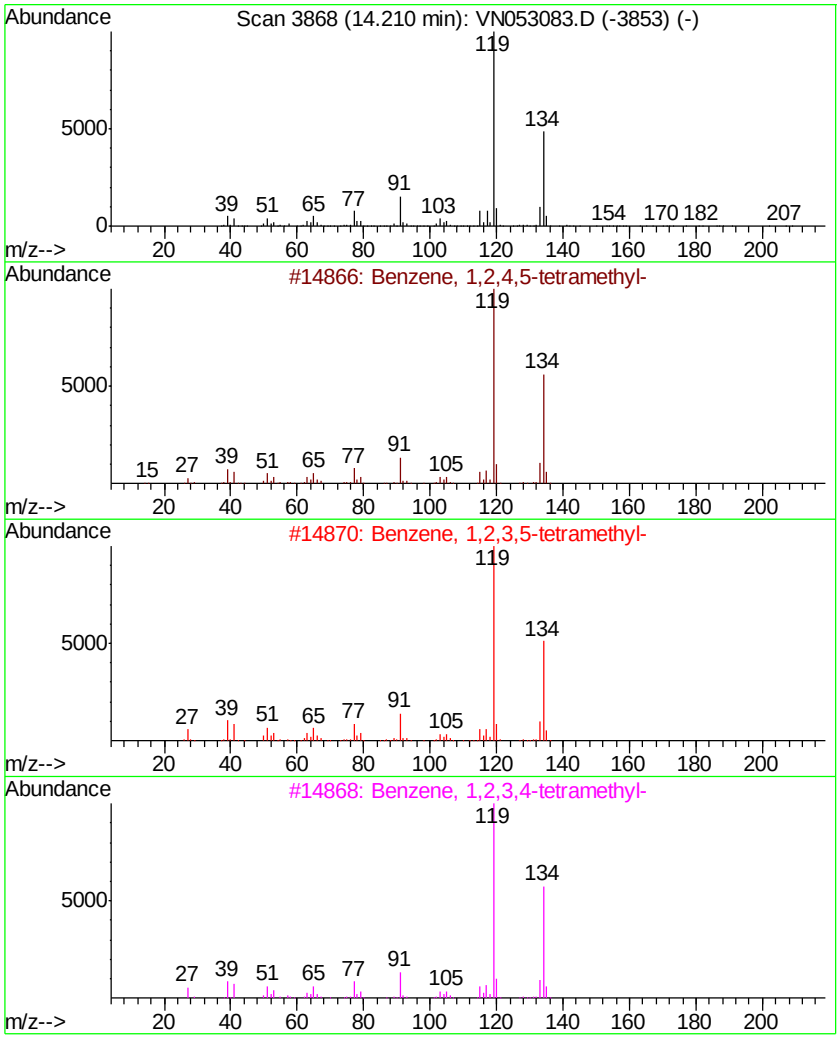
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

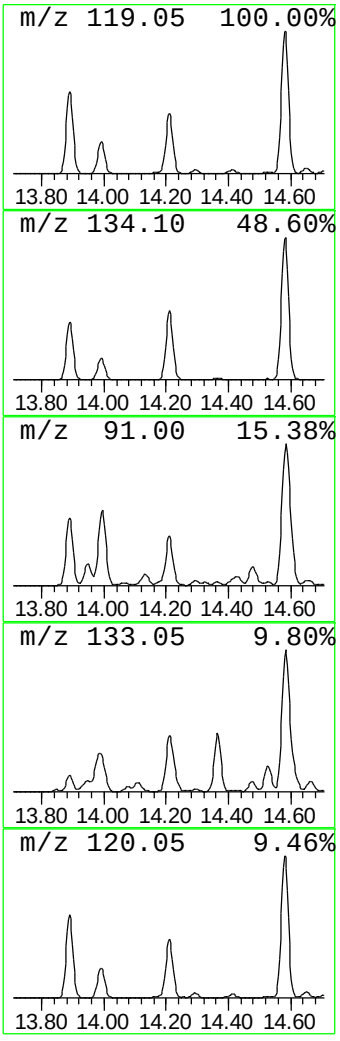
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	37.78 ug/l	3674300	1,4-Dichlorobenzene-d4	13.35

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	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053083.D
Acq On : 21 Dec 2018 3:56
Operator : MD\SY
Sample : J6519-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : DUP-122018-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260

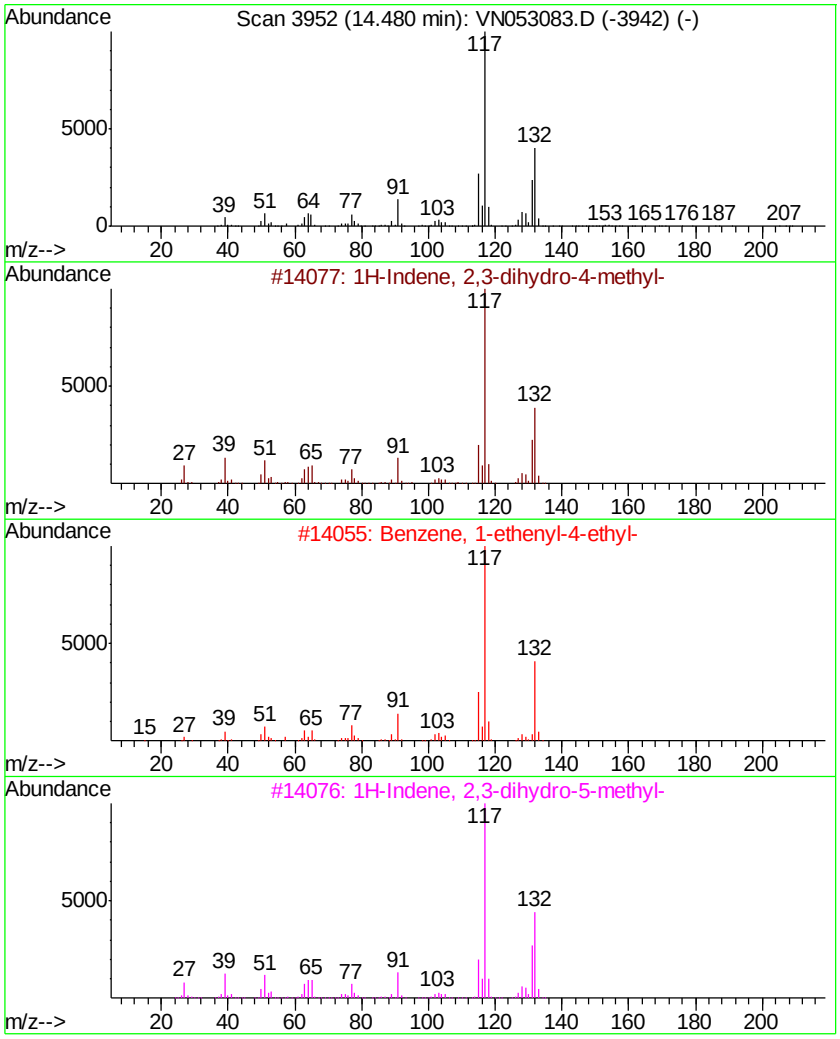
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

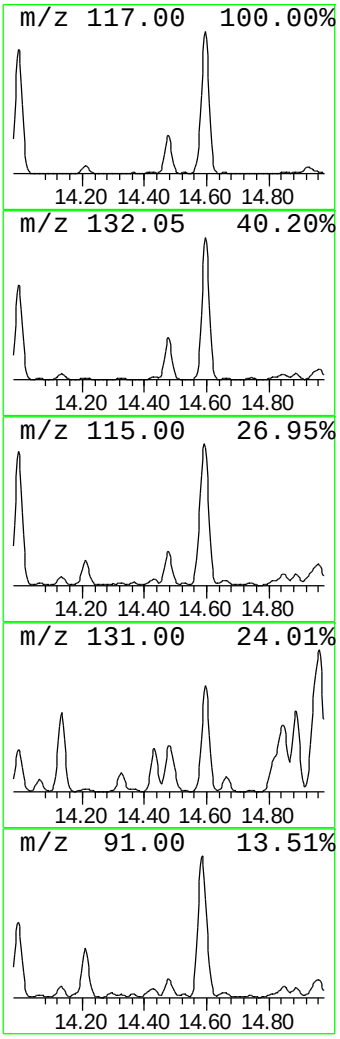
****

Peak Number 5 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	17.59 ug/l	1710720	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





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Data File : VN053083.D
Acq On : 21 Dec 2018 3:56
Operator : MD\SY
Sample : J6519-12
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ALS Vial : 44 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : DUP-122018-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260

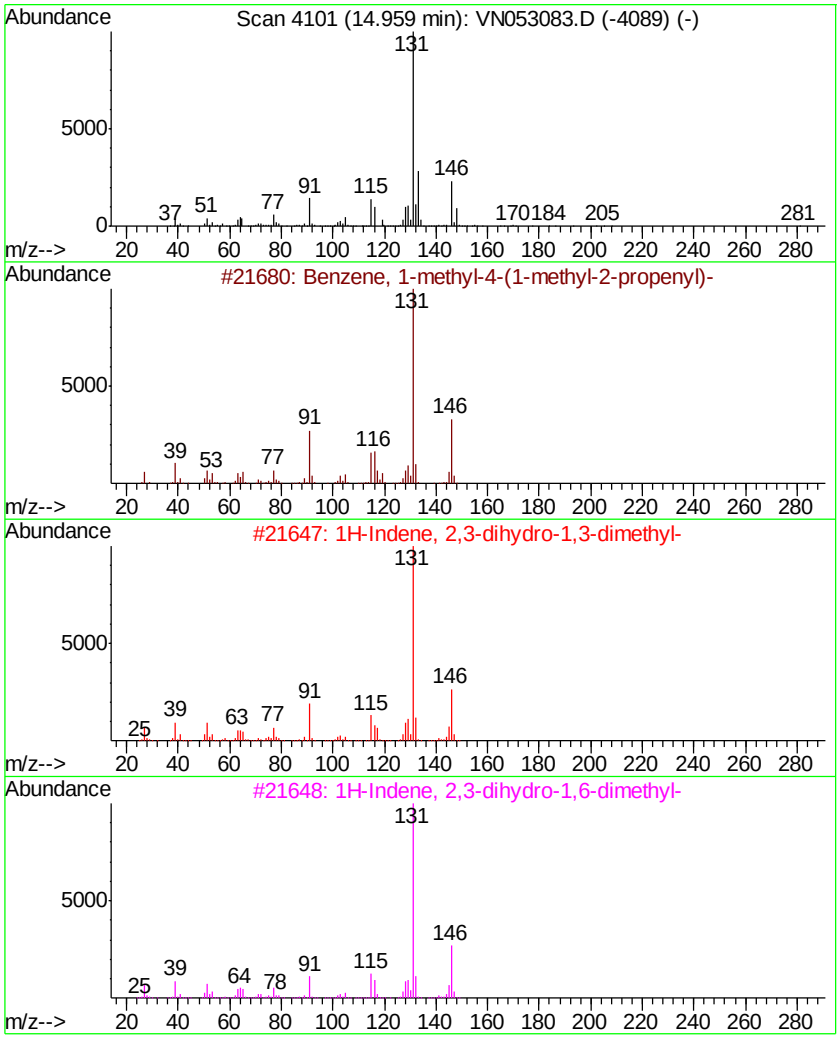
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

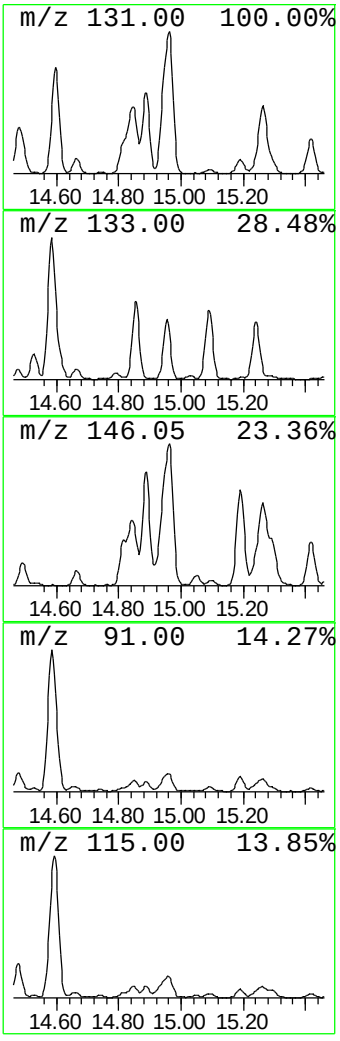
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	20.74 ug/l	2017460	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053083.D
Acq On : 21 Dec 2018 3:56
Operator : MD\SY
Sample : J6519-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : DUP-122018-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260

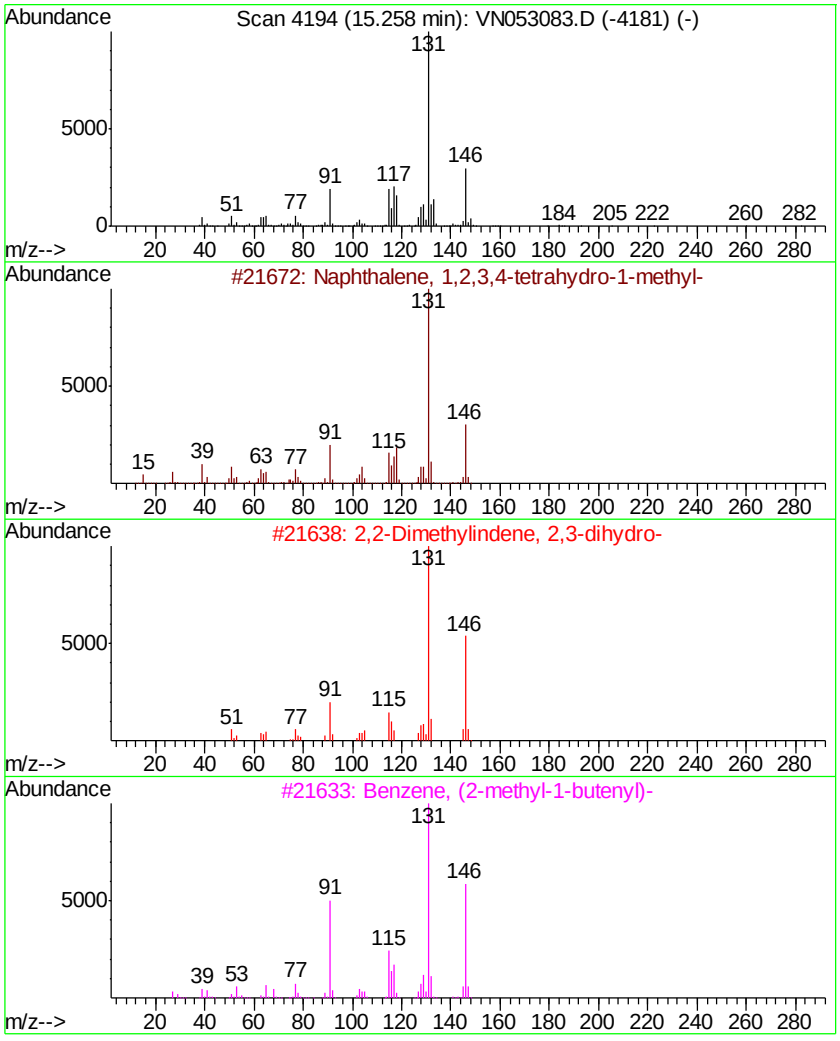
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

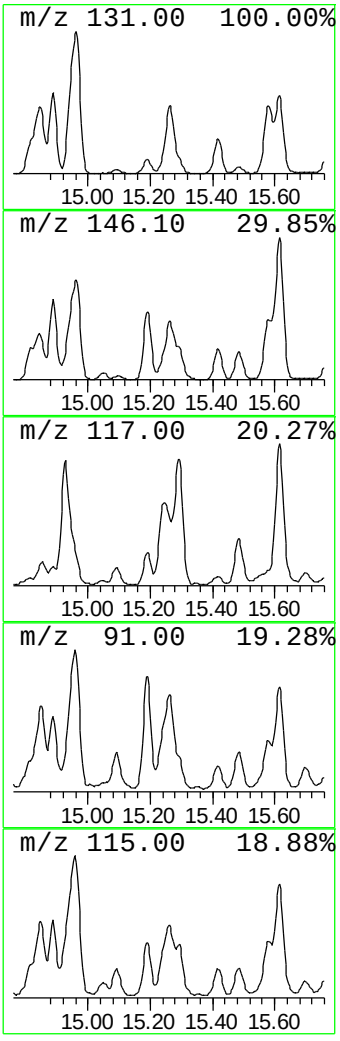
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	18.90 ug/l	1837650	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	76
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	68
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053083.D
Acq On : 21 Dec 2018 3:56
Operator : MD\SY
Sample : J6519-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : DUP-122018-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260

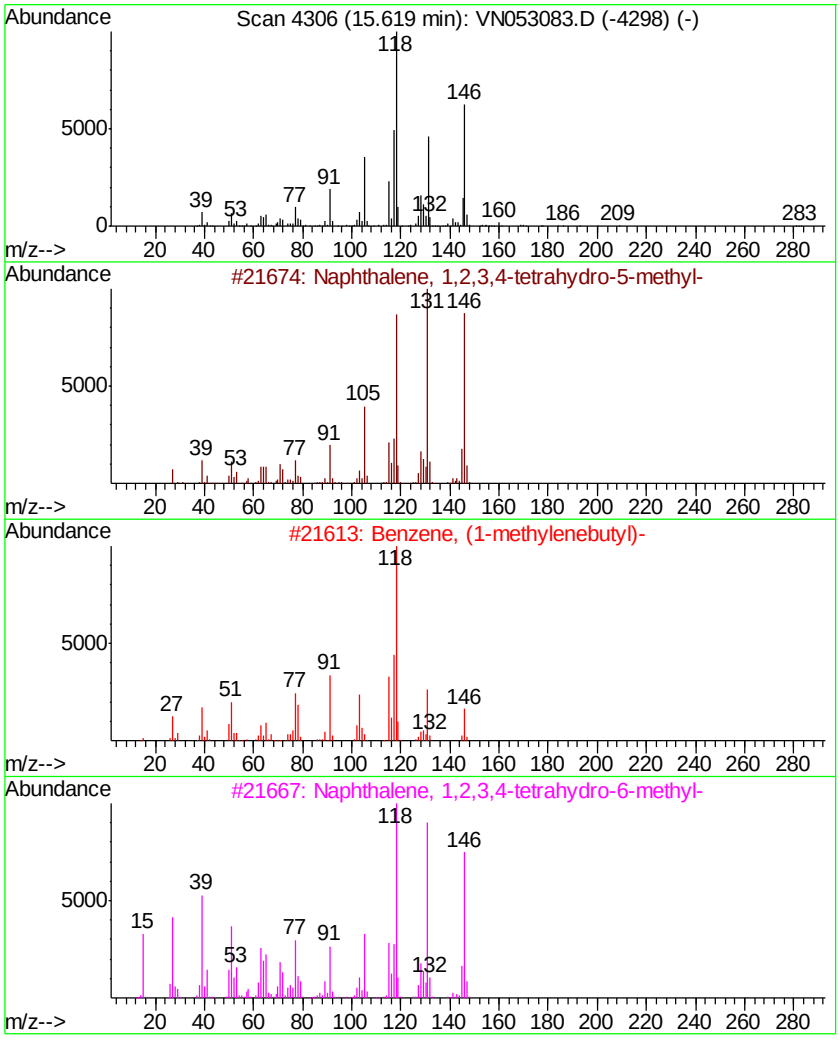
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

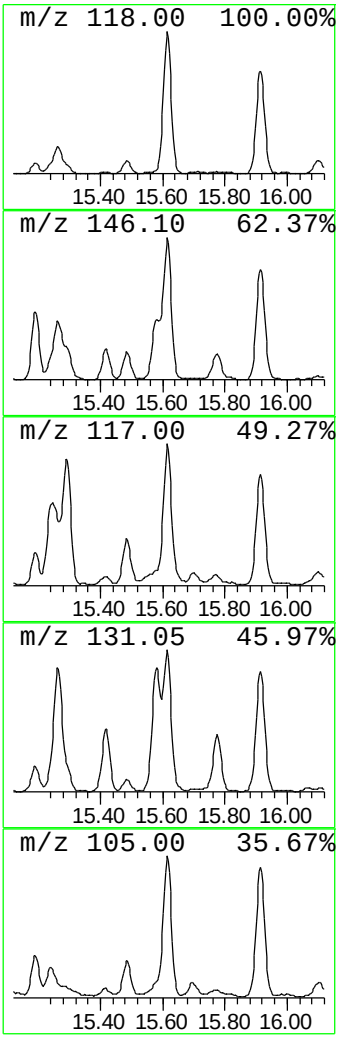
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	16.78 ug/l	1631960	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
2	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	83
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	50
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053083.D
Acq On : 21 Dec 2018 3:56
Operator : MD\SY
Sample : J6519-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : DUP-122018-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.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
Benzene, 1,1'-(1,...	13.54	61.4	ug/l	5967960	4	13.35	4862620	50.0
Benzene, 1-ethyl-...	13.89	43.2	ug/l	4203780	4	13.35	4862620	50.0
Indan, 1-methyl-	13.99	61.8	ug/l	6009770	4	13.35	4862620	50.0
Benzene, 1,2,4,5-...	14.21	37.8	ug/l	3674300	4	13.35	4862620	50.0
1H-Indene, 2,3-di...	14.48	17.6	ug/l	1710720	4	13.35	4862620	50.0
Benzene, 1-methyl...	14.96	20.7	ug/l	2017460	4	13.35	4862620	50.0
Naphthalene, 1,2,...	15.26	18.9	ug/l	1837650	4	13.35	4862620	50.0
Naphthalene, 1,2,...	15.62	16.8	ug/l	1631960	4	13.35	4862620	50.0