LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050087.D
Acq On : 26 Jul 2018 17:16
Operator : MD\SY
Sample : J4142-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

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\82N072418W.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	1.661	3	22	50	rBV	2420715	3759279	96.31%	11.570%
2	7.593	1847	1867	1879	rBV2	542381	1345036	34.46%	4.140%
3	7.670	1879	1891	1909	rVB	787149	1835145	47.02%	5.648%
4	8.030	1985	2003	2030	rBV	541256	1271699	32.58%	3.914%
5	8.246	2040	2070	2071	rBV	126538	414144	10.61%	1.275%
6	8.590	2161	2177	2204	rBV	1155182	2446091	62.67%	7.528%
7	10.094	2629	2645	2672	rBV	2081217	3903186	100.00%	12.013%
8	10.258	2686	2696	2716	rVB4	31554	75002	1.92%	0.231%
9	10.435	2741	2751	2764	rVB2	71801	134011	3.43%	0.412%
10	10.532	2767	2781	2791	rBV6	30752	73547	1.88%	0.226%
11	10.918	2896	2901	2919	rVB5	26548	53061	1.36%	0.163%
12	11.213	2986	2993	3003	rBV5	26567	49459	1.27%	0.152%
13	11.410	3041	3054	3072	rBV	1516794	2678295	68.62%	8.243%
14	11.500	3074	3082	3091	rVV	54966	88039	2.26%	0.271%
15	11.654	3122	3130	3152	rVB6	61424	157818	4.04%	0.486%
16	11.821	3174	3182	3188	rBV2	36049	56893	1.46%	0.175%
17	12.252	3311	3316	3329	rVB2	46851	77762	1.99%	0.239%
18	12.403	3351	3363	3376	rBV	1314778	2238542	57.35%	6.889%
19	12.480	3379	3387	3391	rBV4	61809	100956	2.59%	0.311%
20	12.963	3530	3537	3540	rBV3	47474	62934	1.61%	0.194%
21	13.168	3589	3601	3611	rBV3	196908	475087	12.17%	1.462%
22	13.345	3645	3656	3674	rBV	1298210	2211650	56.66%	6.807%
23	13.448	3680	3688	3700	rVV	144682	221476	5.67%	0.682%
24	13.512	3701	3708	3726	rVB2	247540	435957	11.17%	1.342%
25	13.596	3726	3734	3745	rVB	107457	172828	4.43%	0.532%
26	13.676	3746	3759	3770	rBV	412122	729114	18.68%	2.244%
27	13.885	3817	3824	3835	rVB4	80576	143942	3.69%	0.443%
28	13.985	3846	3855	3867	rBV6	142821	326922	8.38%	1.006%
29	14.065	3868	3880	3889	rVB4	107334	239418	6.13%	0.737%
30	14.136	3890	3902	3909	rBV	341141	582673	14.93%	1.793%
31	14.181	3910	3916	3921	rBV2	98521	143580	3.68%	0.442%
32	14.297	3945	3952	3955	rBV	43974	59824	1.53%	0.184%
33	14.329	3956	3962	3971	rVB	94357	145581	3.73%	0.448%
34	14.429	3981	3993	4003	rVB3	261469	531418	13.61%	1.636%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050087.D
Acq On : 26 Jul 2018 17:16
Operator : MD\SY
Sample : J4142-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

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\82N072418W.M
Title : SW846 8260

35	14.493	4005	4013	4021	rBV	126183	195152	5.00%	0.601%
36	14.535	4022	4026	4034	rVB2	51321	63621	1.63%	0.196%
37	14.586	4036	4042	4046	rBV3	28447	44007	1.13%	0.135%
38	14.663	4061	4066	4073	rVV4	56318	74729	1.91%	0.230%
39	14.708	4074	4080	4092	rVB2	64146	101983	2.61%	0.314%
40	14.789	4098	4105	4114	rBV3	59052	110433	2.83%	0.340%
41	14.853	4118	4125	4132	rVV3	98273	158339	4.06%	0.487%
42	14.921	4132	4146	4165	rVB3	192841	564655	14.47%	1.738%
43	15.101	4196	4202	4213	rVB2	82759	141177	3.62%	0.434%
44	15.194	4219	4231	4241	rBV	598094	1065949	27.31%	3.281%
45	15.268	4244	4254	4273	rVB	549564	1127702	28.89%	3.471%
46	15.406	4289	4297	4298	rBV5	40031	48046	1.23%	0.148%
47	15.490	4313	4323	4334	rBV5	114511	212376	5.44%	0.654%
48	15.705	4381	4390	4402	rBV4	96902	196124	5.02%	0.604%
49	15.914	4448	4455	4466	rVB4	56586	100369	2.57%	0.309%
50	16.107	4504	4515	4525	rBV4	121456	245886	6.30%	0.757%
51	16.187	4527	4540	4560	rVB8	108669	363860	9.32%	1.120%
52	16.358	4581	4593	4604	rBV2	194079	437715	11.21%	1.347%

Sum of corrected areas: 32492492

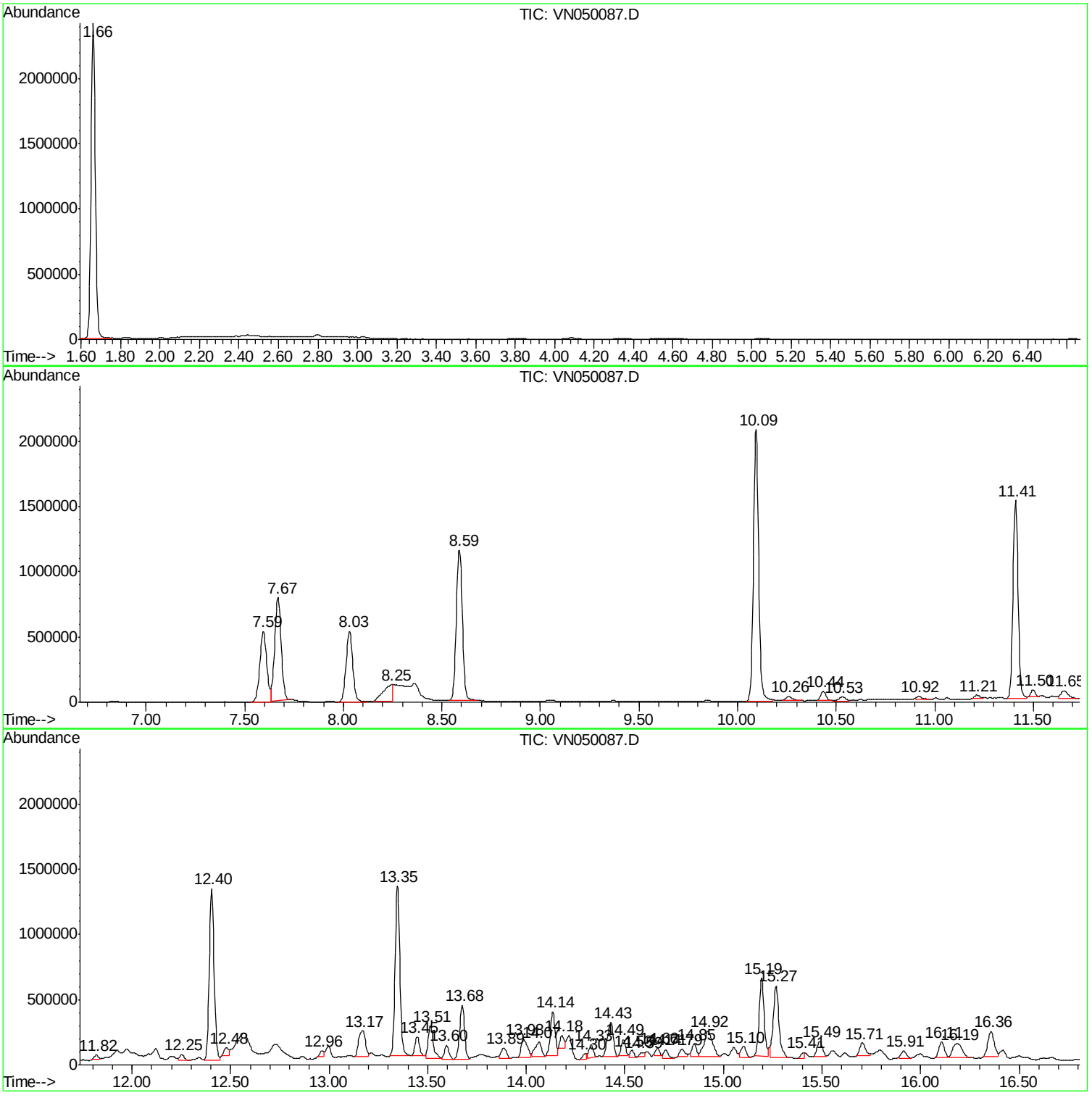
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050087.D
Acq On : 26 Jul 2018 17:16
Operator : MD\SY
Sample : J4142-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.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\VN072618\
Data File : VN050087.D
Acq On : 26 Jul 2018 17:16
Operator : MD\SY
Sample : J4142-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

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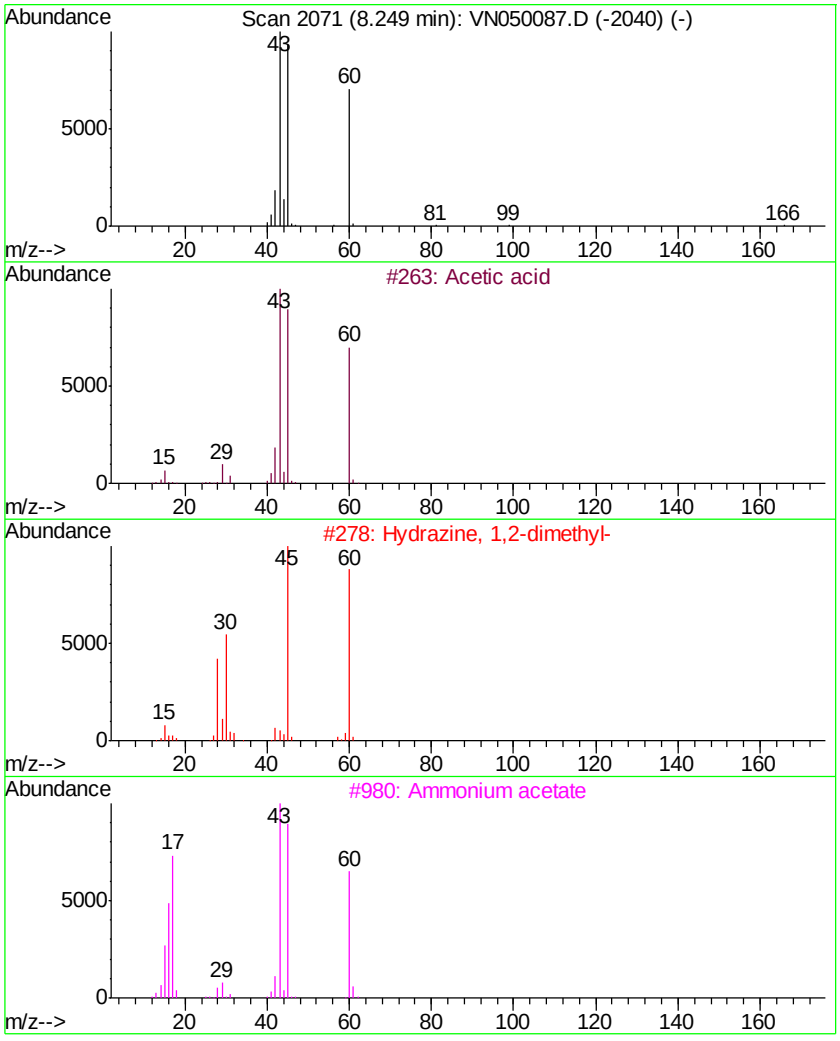
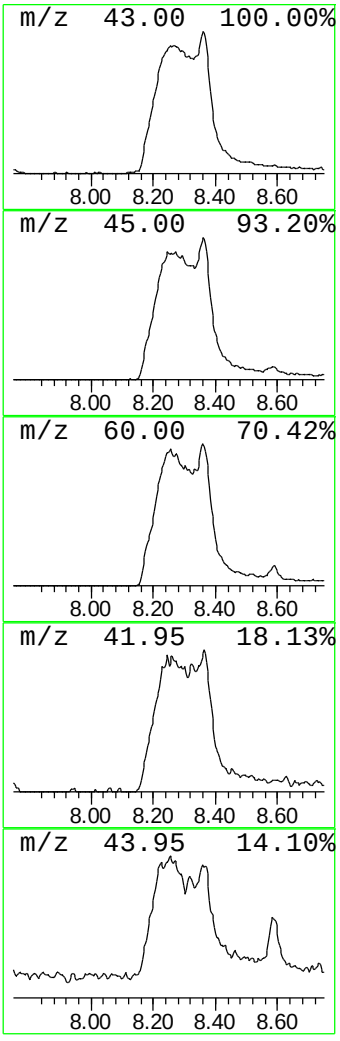
Peak Number 2 Acetic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	8.47 ug/l	414144	1,4-Difluorobenzene	8.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid	60	C2H4O2	000064-19-7	90
2	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	45
3	Ammonium acetate	77	C2H7NO2	000631-61-8	40
4	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	16
5	Formic acid hydrazide	60	CH4N2O	000624-84-0	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050087.D
Acq On : 26 Jul 2018 17:16
Operator : MD\SY
Sample : J4142-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

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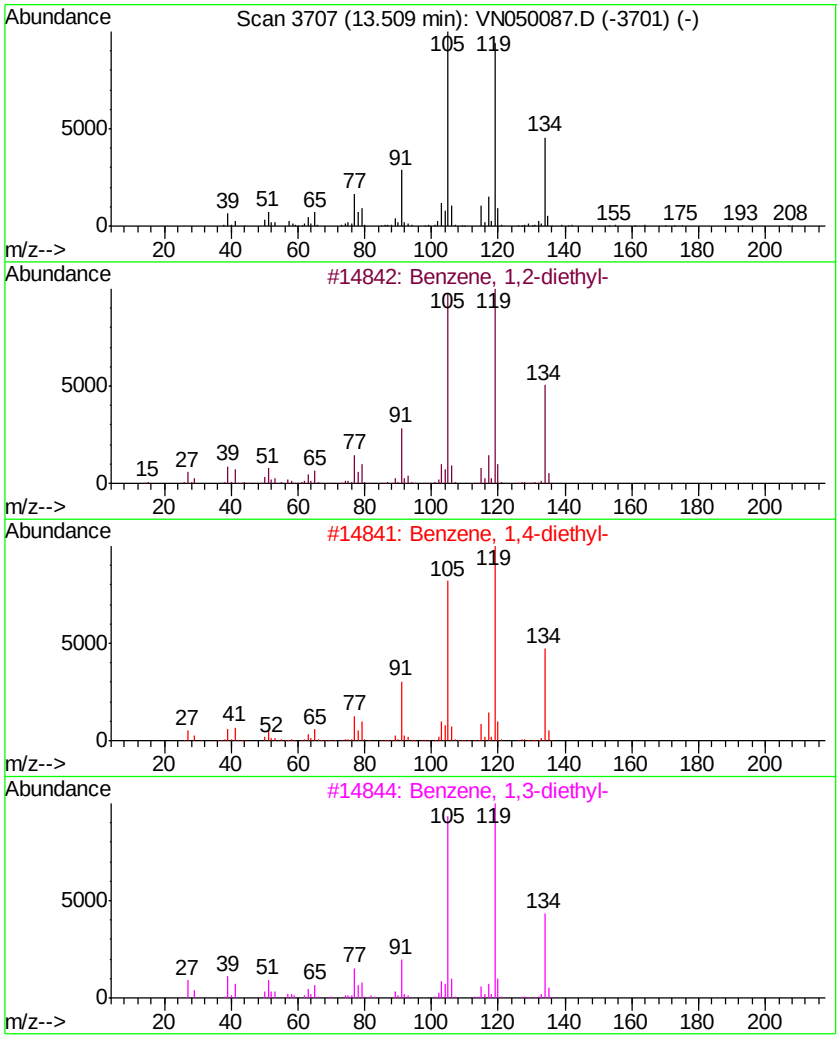
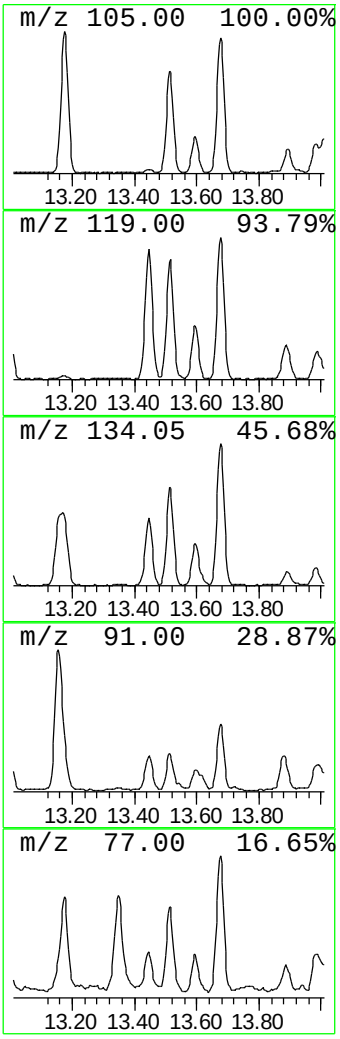
Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	9.86 ug/l	435957	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
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\VN072618\
Data File : VN050087.D
Acq On : 26 Jul 2018 17:16
Operator : MD\SY
Sample : J4142-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

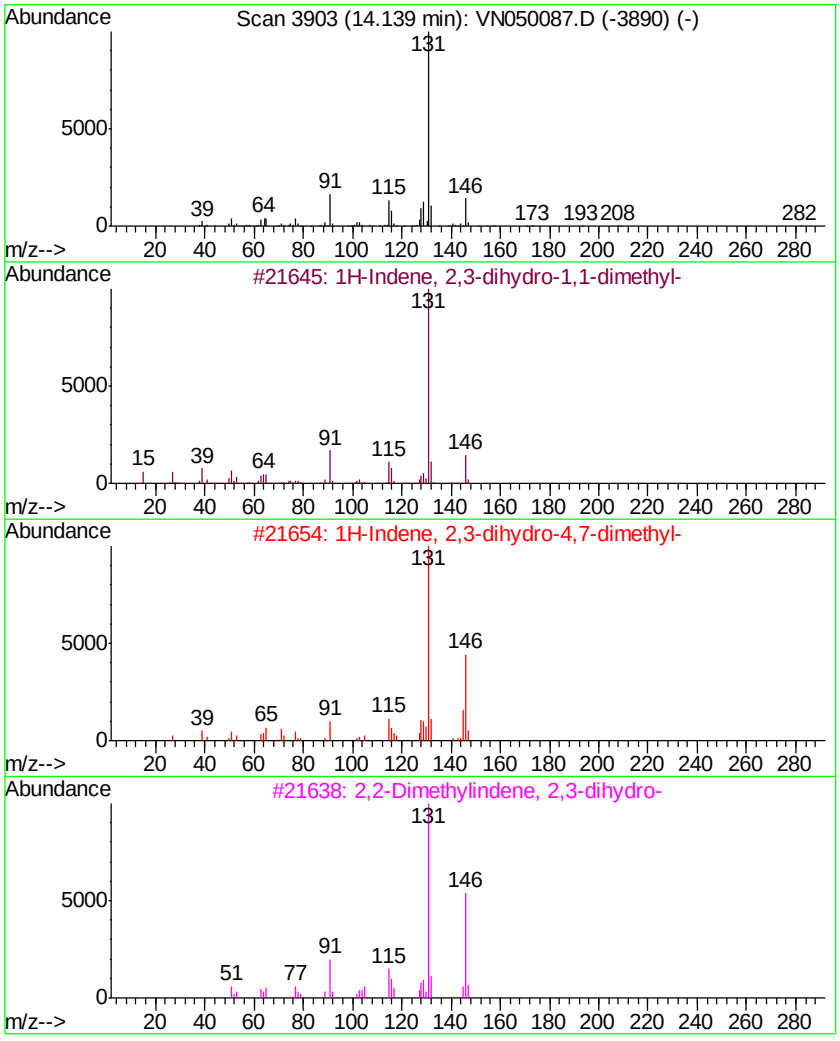
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

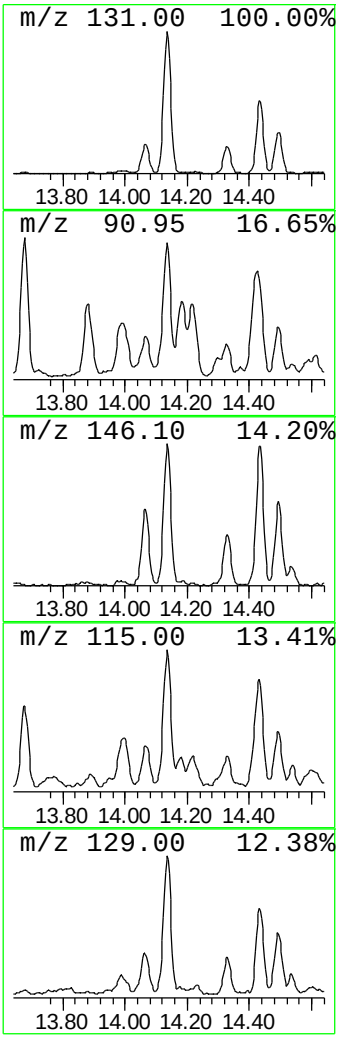
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	13.17 ug/l	582673	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050087.D
Acq On : 26 Jul 2018 17:16
Operator : MD\SY
Sample : J4142-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

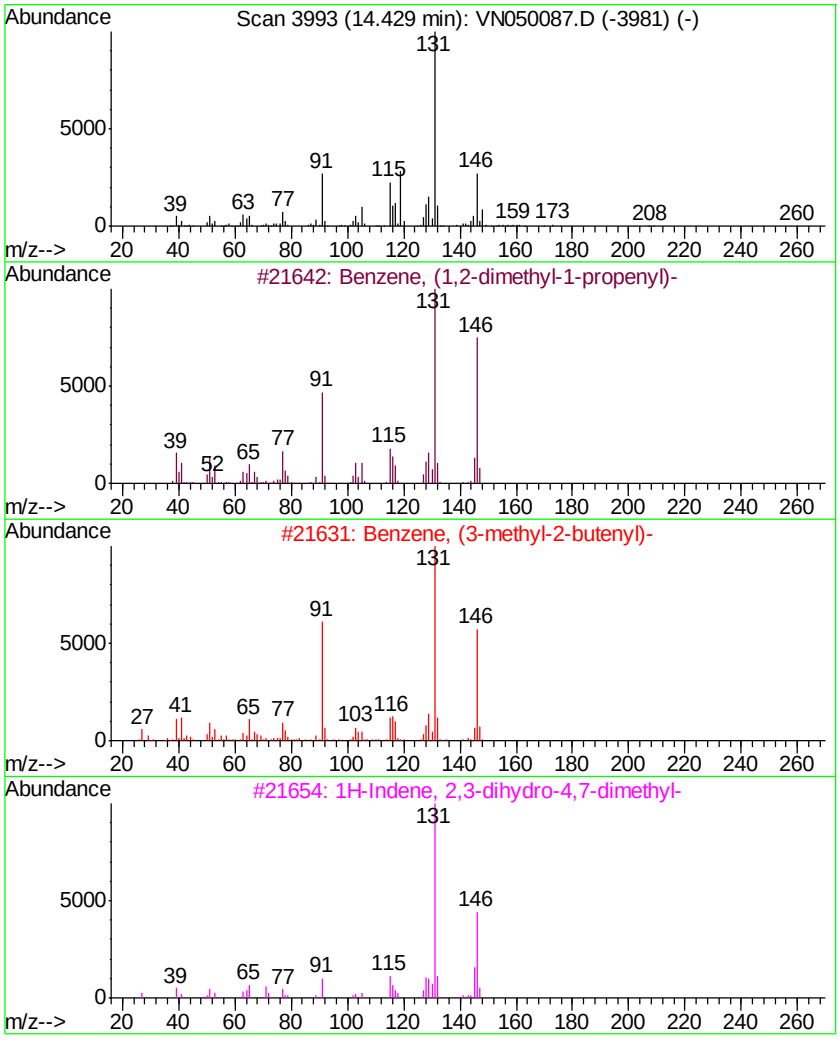
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

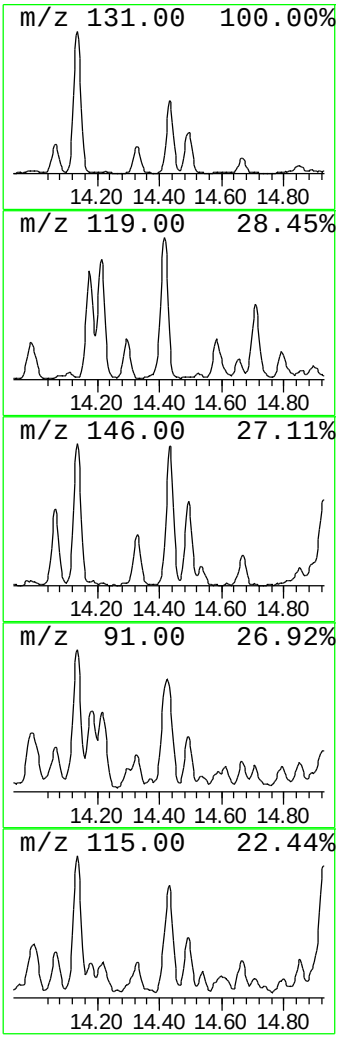
****

Peak Number 6 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	12.01 ug/l	531418	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	83
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050087.D
Acq On : 26 Jul 2018 17:16
Operator : MD\SY
Sample : J4142-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

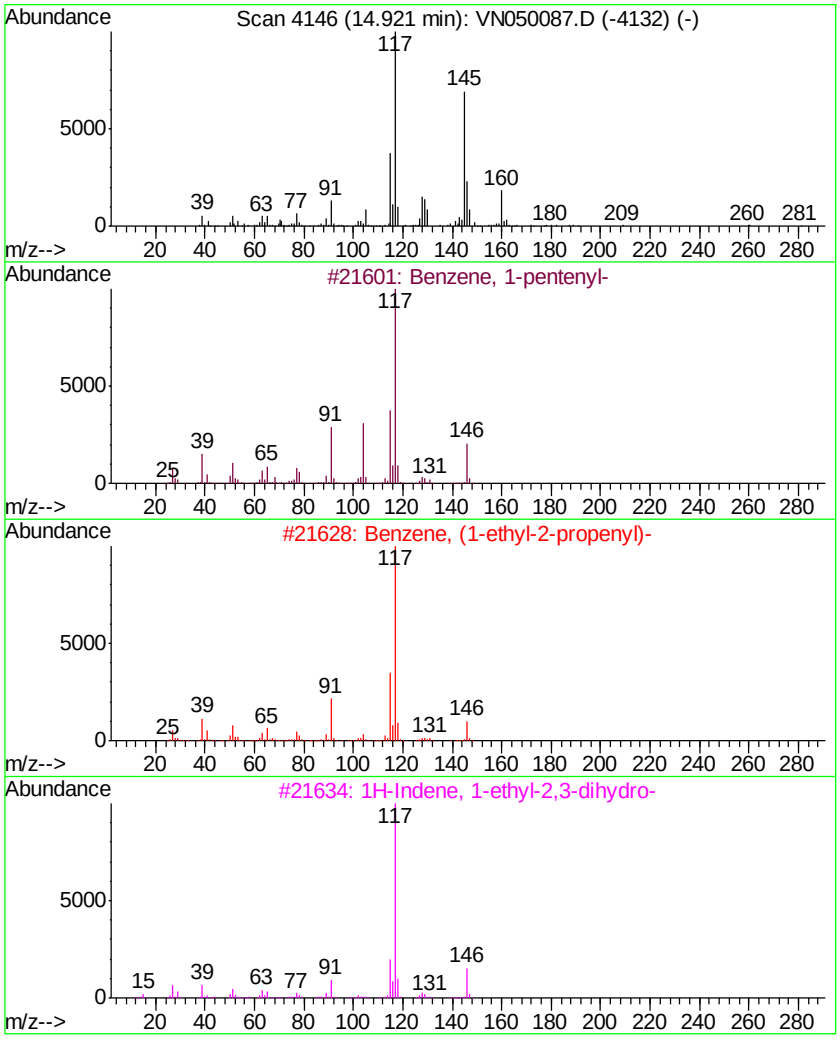
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

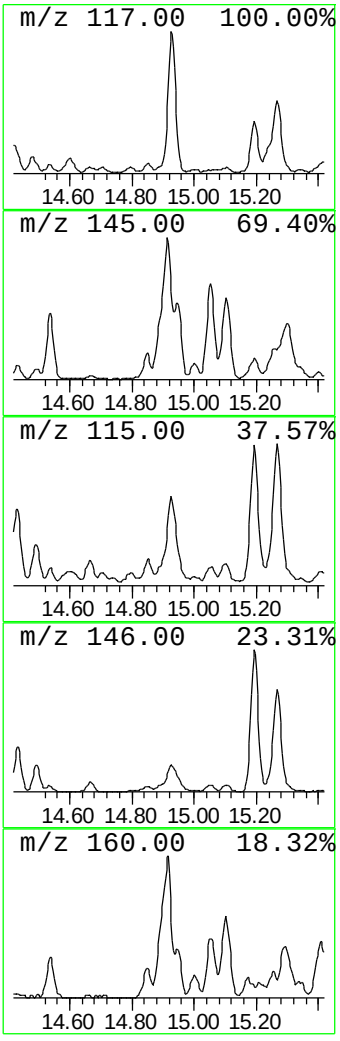
****

Peak Number 7 Benzene, 1-pentenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	12.77 ug/l	564655	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	52
2	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	52
3	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	47
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	46
5	3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050087.D
Acq On : 26 Jul 2018 17:16
Operator : MD\SY
Sample : J4142-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

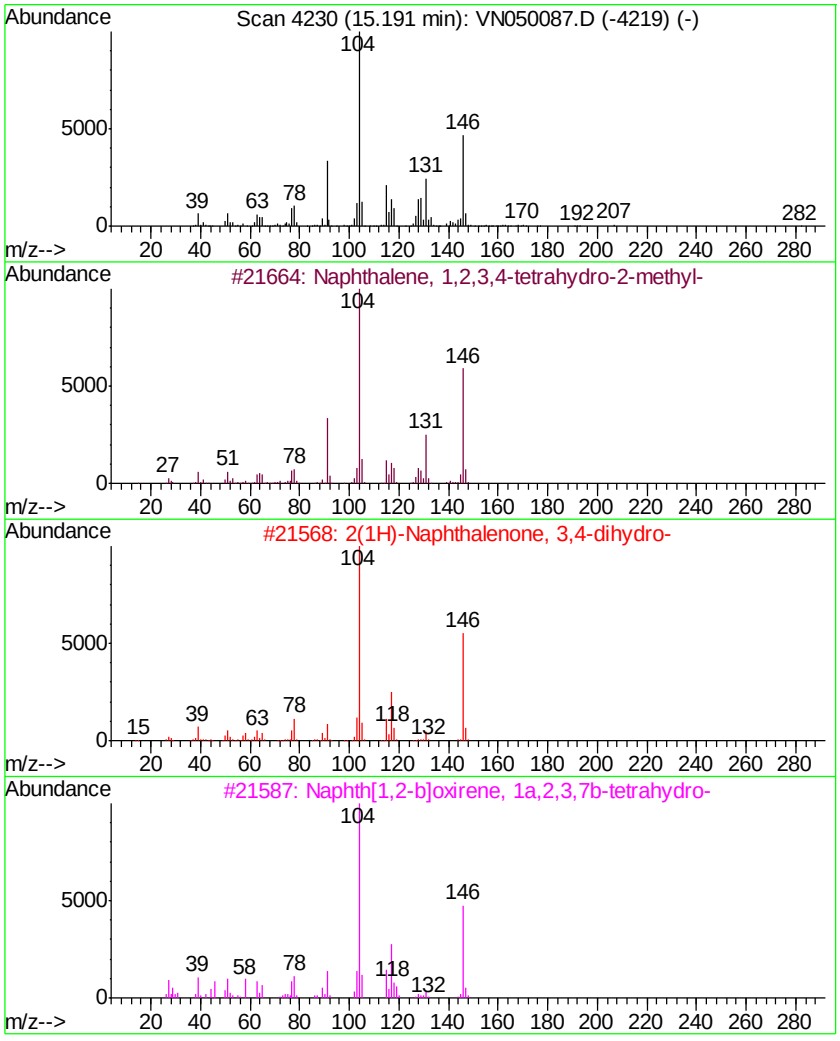
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

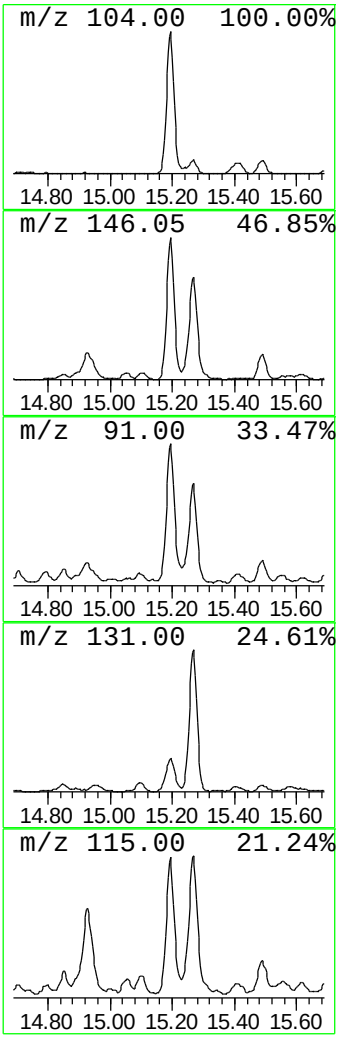
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	24.10 ug/l	1065950	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
4	2,6-Piperidinedione, 3-phenyl-	189	C11H11NO2	014149-34-9	50
5	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050087.D
Acq On : 26 Jul 2018 17:16
Operator : MD\SY
Sample : J4142-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

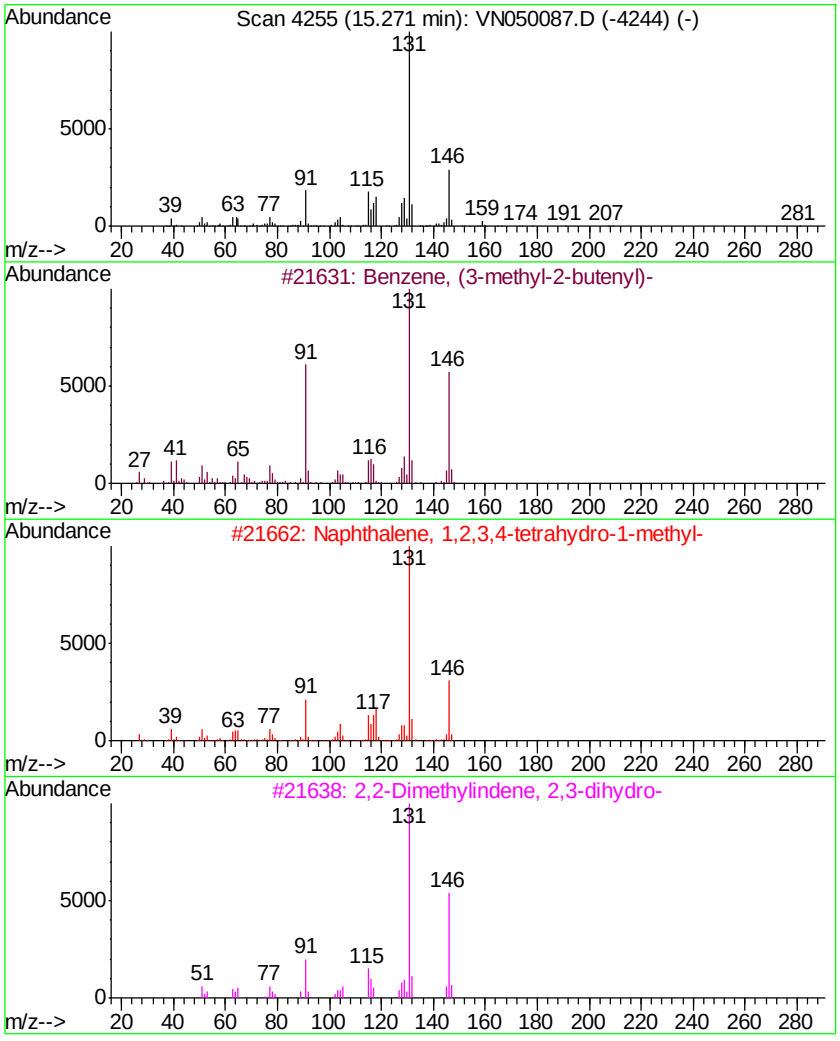
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

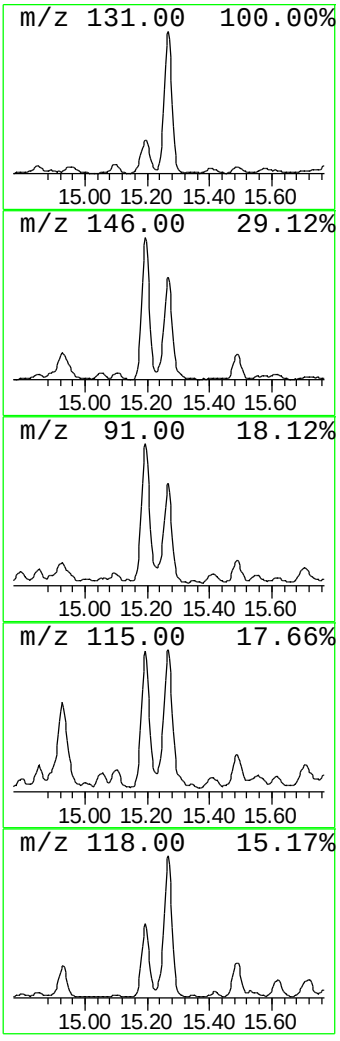
****

Peak Number 9 Benzene, (3-methyl-2-butenyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	25.49 ug/l	1127700	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	90
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050087.D
Acq On : 26 Jul 2018 17:16
Operator : MD\SY
Sample : J4142-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

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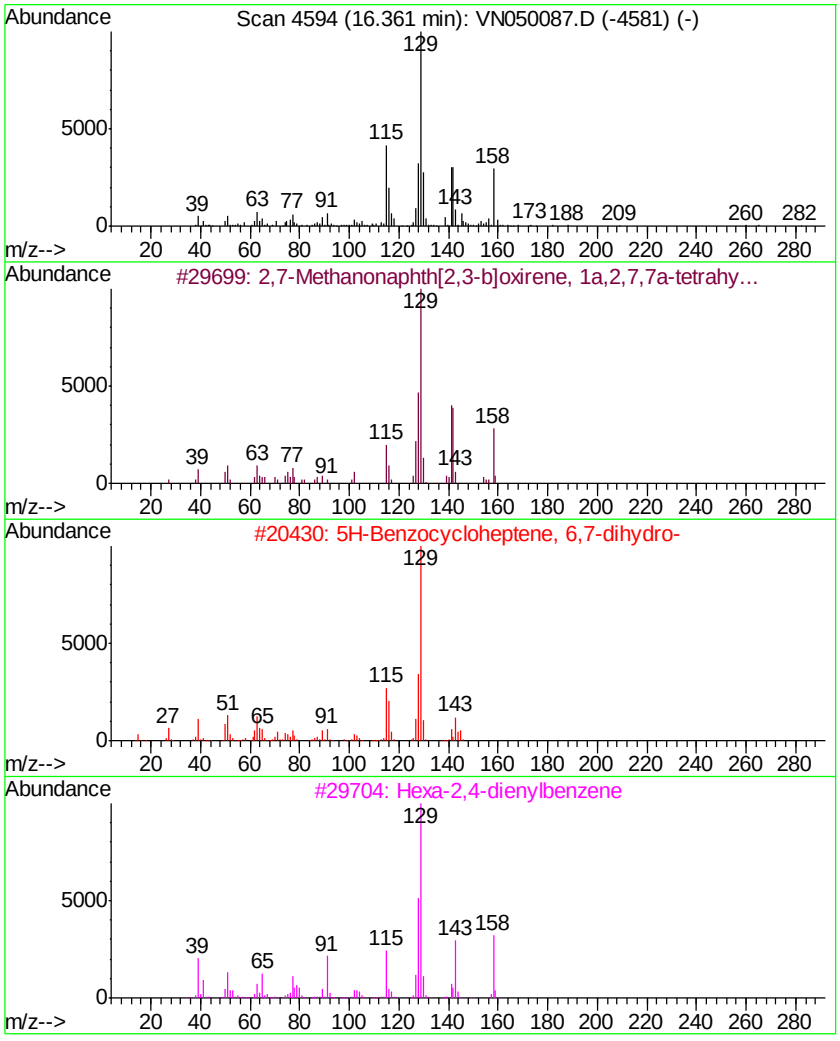
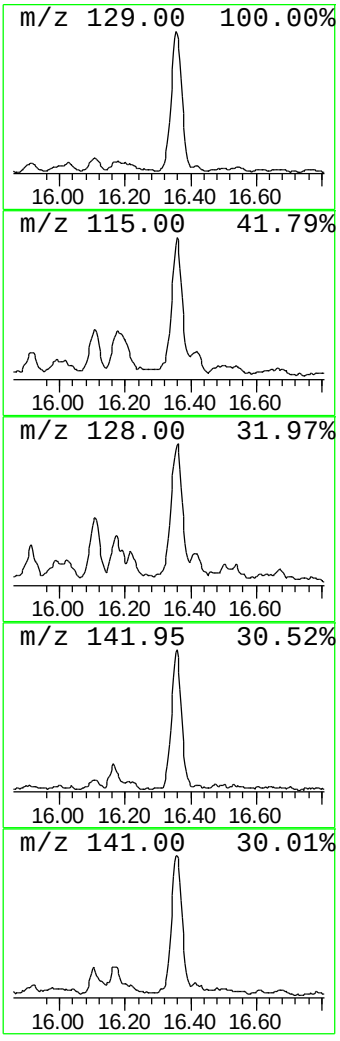
Peak Number 10 2,7-Methanonaphth[2,3-b]oxi... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	9.90 ug/l	437715	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Methanonaphth[2,3-b]oxirene,...	158	C11H10O	013137-34-3	64
2	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	47
3	Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	38
4	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	37
5	1,4-Ethanonaphthalene, 1,2,3,4-t...	158	C12H14	004175-52-4	28





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050087.D
Acq On : 26 Jul 2018 17:16
Operator : MD\SY
Sample : J4142-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.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
Acetic acid	8.25	8.5	ug/l	414144	2	8.59	2446090	50.0
Benzene, 1,2-diet...	13.51	9.9	ug/l	435957	4	13.35	2211650	50.0
1H-Indene, 2,3-di...	14.14	13.2	ug/l	582673	4	13.35	2211650	50.0
Benzene, (1,2-dim...	14.43	12.0	ug/l	531418	4	13.35	2211650	50.0
Benzene, 1-pentenyl-	14.92	12.8	ug/l	564655	4	13.35	2211650	50.0
Naphthalene, 1,2,...	15.19	24.1	ug/l	1065950	4	13.35	2211650	50.0
Benzene, (3-methy...	15.27	25.5	ug/l	1127700	4	13.35	2211650	50.0
2,7-Methanonaphth...	16.36	9.9	ug/l	437715	4	13.35	2211650	50.0