LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050720\
Data File : VN061345.D
Acq On : 7 May 2020 19:35
Operator : JC/MD
Sample : L2544-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS038MW103-200504

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\82N042720W.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	1.638	3	15	79	rBV	3992775	13502450	100.00%	66.959%
2	7.548	1836	1853	1865	rBV	67852	167268	1.24%	0.829%
3	7.625	1865	1877	1891	rVV	123443	292434	2.17%	1.450%
4	7.989	1974	1990	2010	rBV	90418	214708	1.59%	1.065%
5	8.169	2032	2046	2069	rVB	67168	165495	1.23%	0.821%
6	8.551	2149	2165	2184	rBV	202887	417422	3.09%	2.070%
7	9.622	2482	2498	2522	rBV	93384	195614	1.45%	0.970%
8	10.059	2621	2634	2652	rBV	326292	594024	4.40%	2.946%
9	11.403	3030	3052	3065	rBV2	562710	1458085	10.80%	7.231%
10	12.378	3343	3355	3367	rBV	242874	400030	2.96%	1.984%
11	13.130	3579	3589	3602	rBV4	68377	159909	1.18%	0.793%
12	13.320	3635	3648	3662	rBV	308114	521624	3.86%	2.587%
13	13.419	3663	3679	3691	rVV	165663	266435	1.97%	1.321%
14	13.487	3691	3700	3717	rVB2	100218	172212	1.28%	0.854%
15	13.866	3801	3818	3826	rBV	117976	188797	1.40%	0.936%
16	13.969	3841	3850	3860	rVB3	345376	564016	4.18%	2.797%
17	14.107	3881	3893	3901	rBV	119573	199027	1.47%	0.987%
18	14.185	3901	3917	3934	rVB3	164884	355894	2.64%	1.765%
19	14.570	4024	4037	4049	rBV3	182291	329659	2.44%	1.635%

Sum of corrected areas: 20165103

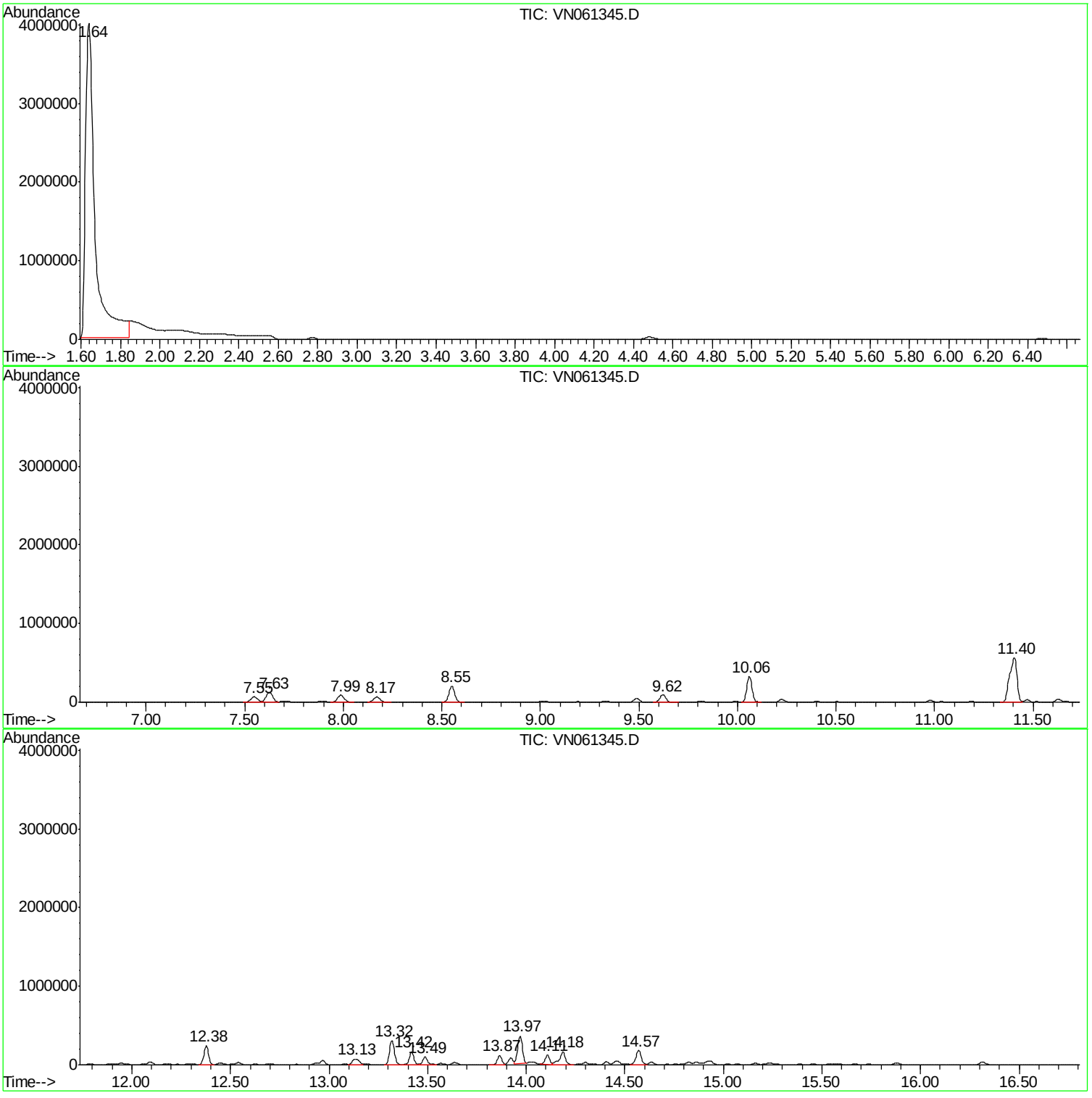
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050720\
Data File : VN061345.D
Acq On : 7 May 2020 19:35
Operator : JC/MD
Sample : L2544-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS038MW103-200504

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
Data File : VN061345.D
Acq On : 7 May 2020 19:35
Operator : JC/MD
Sample : L2544-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS038MW103-200504

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

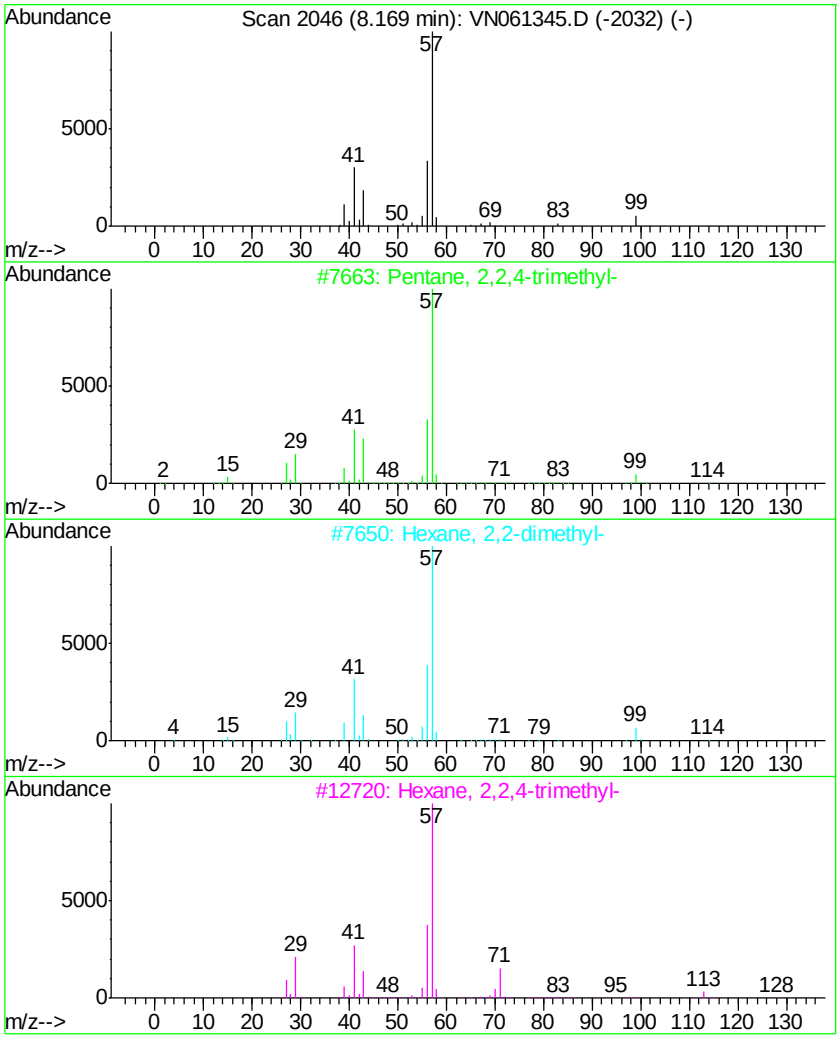
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

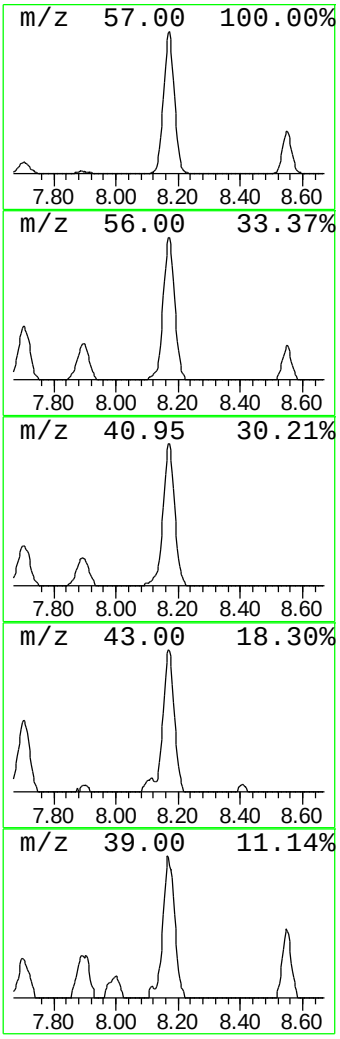
****

Peak Number 2 Pentane, 2,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	19.82 ug/l	165495	1,4-Difluorobenzene	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	56
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050720\
Data File : VN061345.D
Acq On : 7 May 2020 19:35
Operator : JC/MD
Sample : L2544-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS038MW103-200504

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

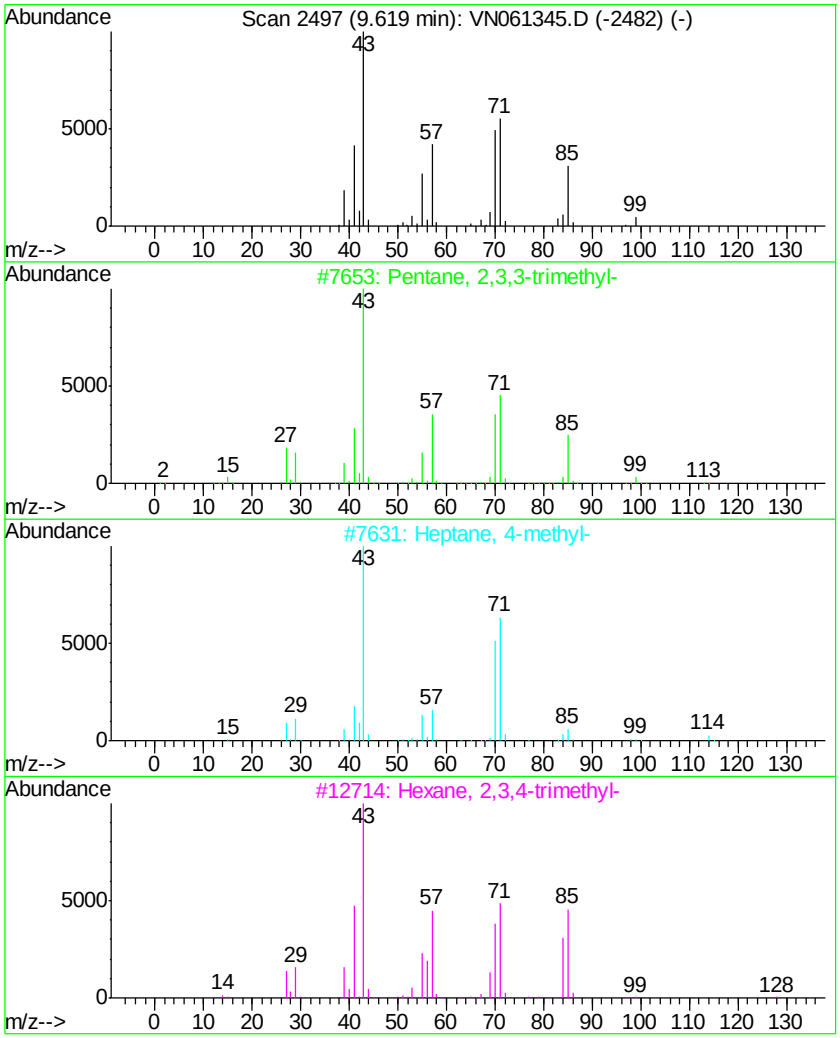
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

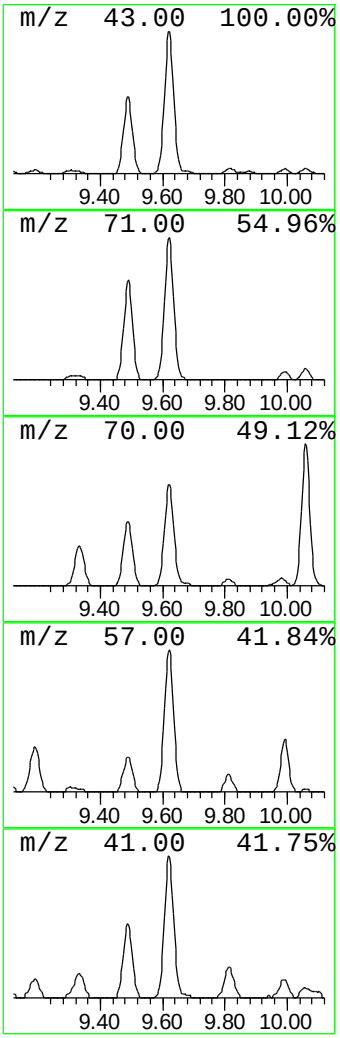
****

Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	23.43 ug/l	195614	1,4-Difluorobenzene	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050720\
Data File : VN061345.D
Acq On : 7 May 2020 19:35
Operator : JC/MD
Sample : L2544-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS038MW103-200504

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

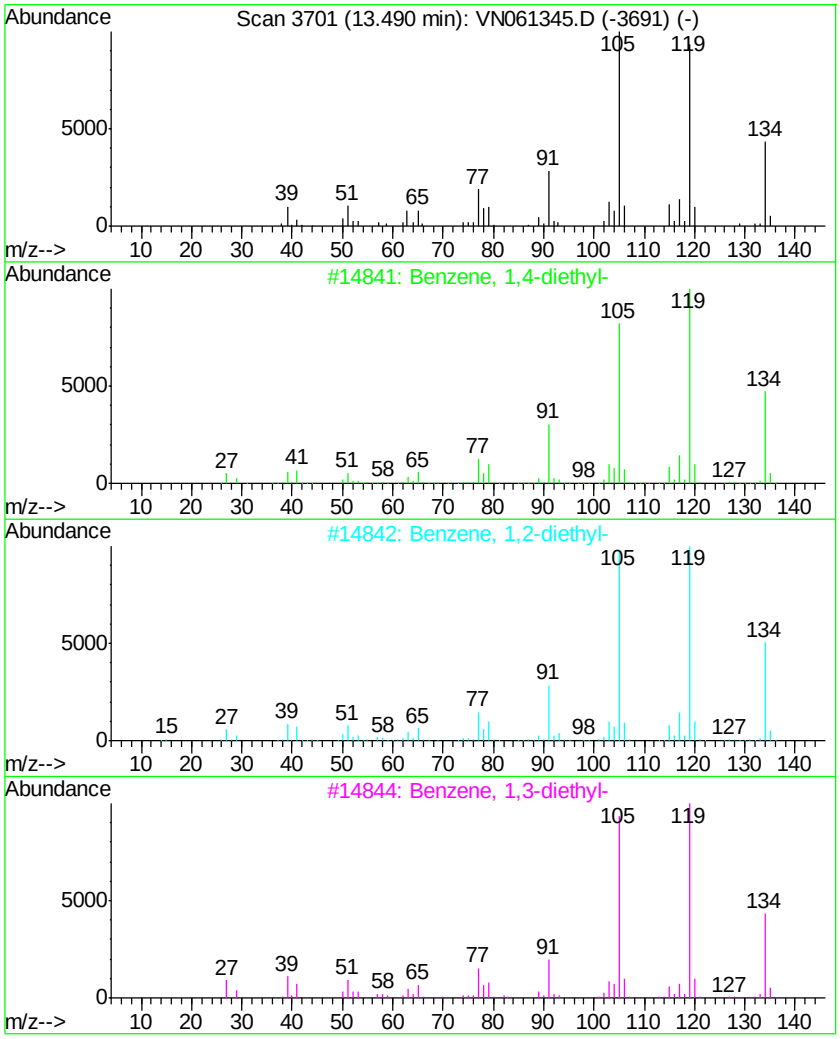
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

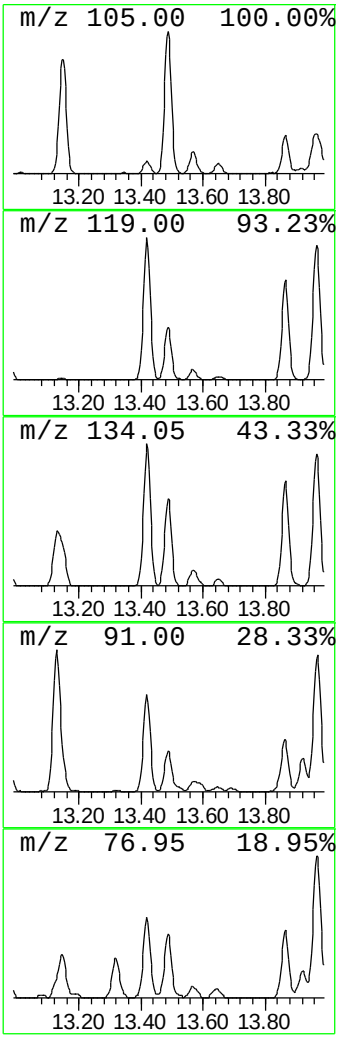
****

Peak Number 4 Benzene, 1,4-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	16.51 ug/l	172212	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
Data File : VN061345.D
Acq On : 7 May 2020 19:35
Operator : JC/MD
Sample : L2544-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS038MW103-200504

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

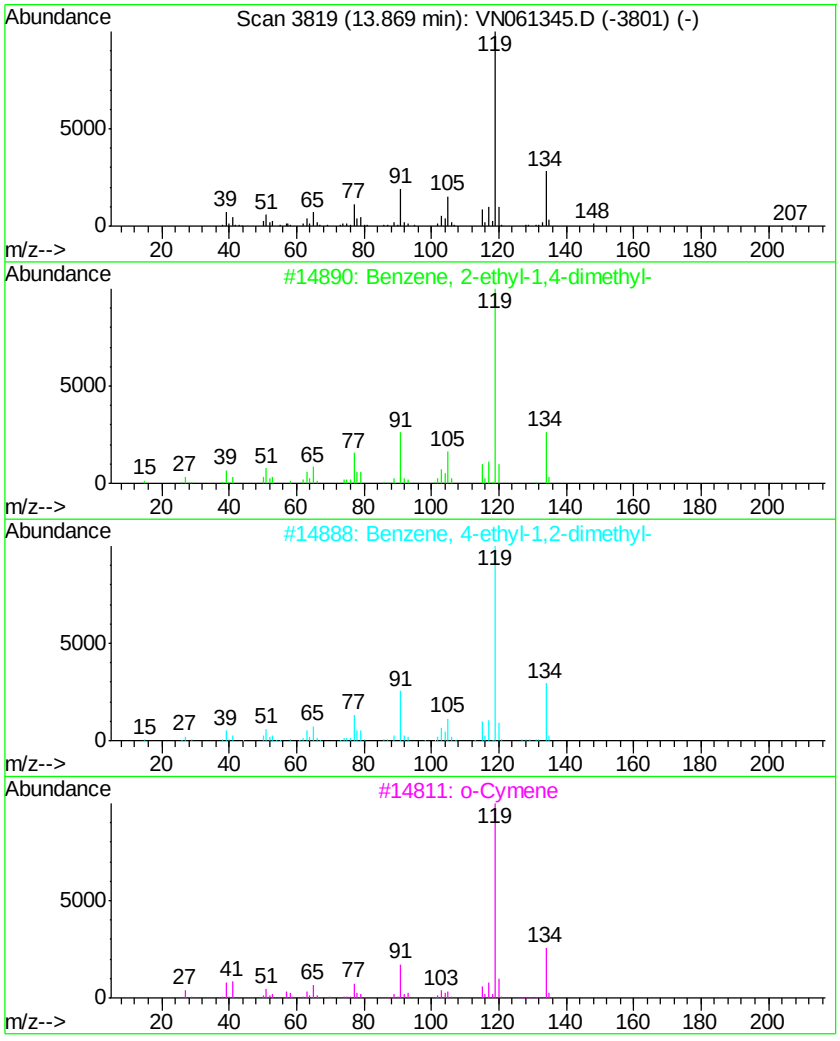
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

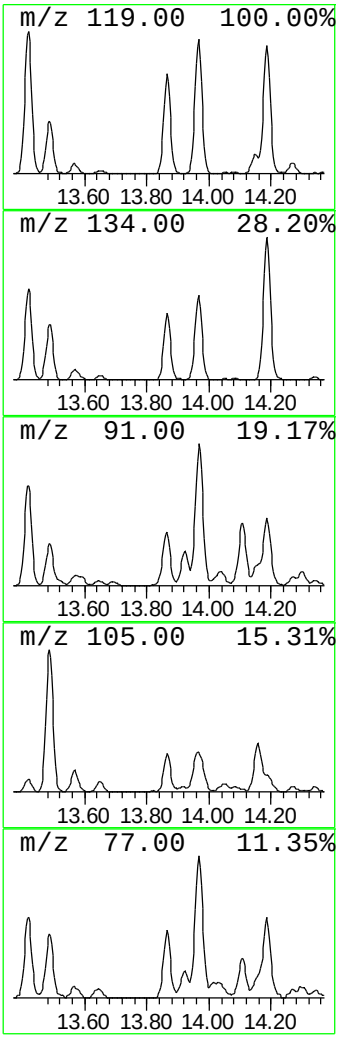
****

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	18.10 ug/l	188797	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050720\
Data File : VN061345.D
Acq On : 7 May 2020 19:35
Operator : JC/MD
Sample : L2544-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS038MW103-200504

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

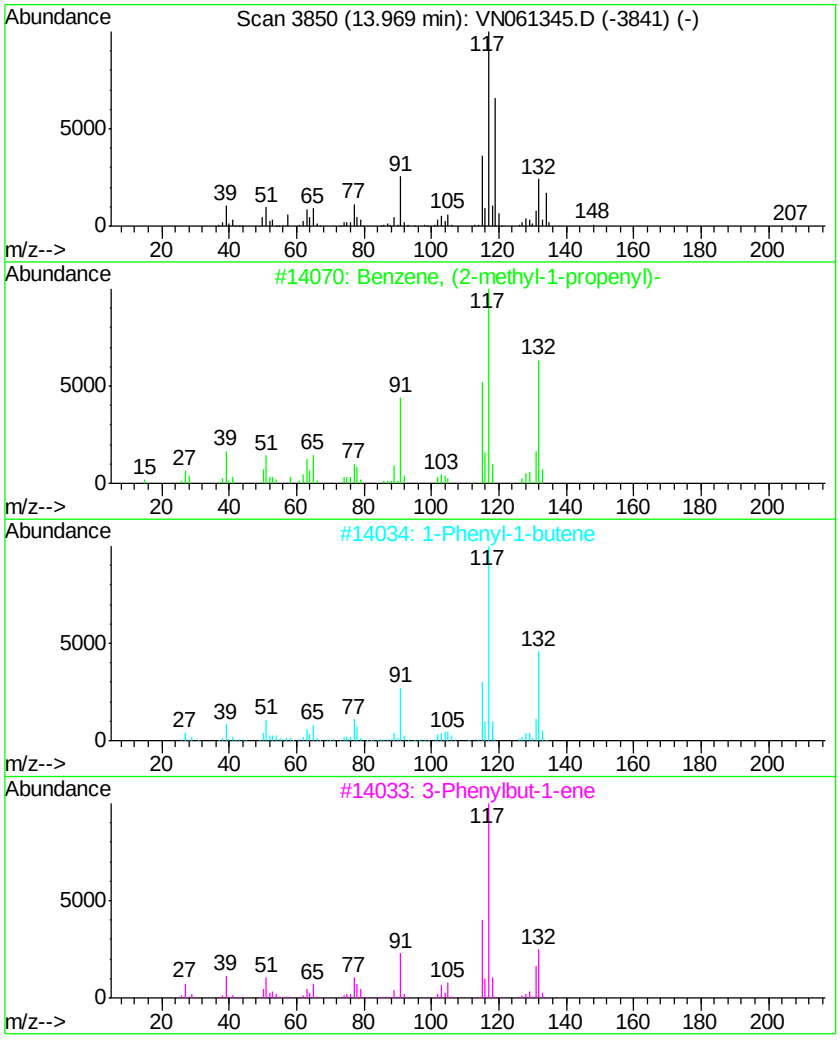
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

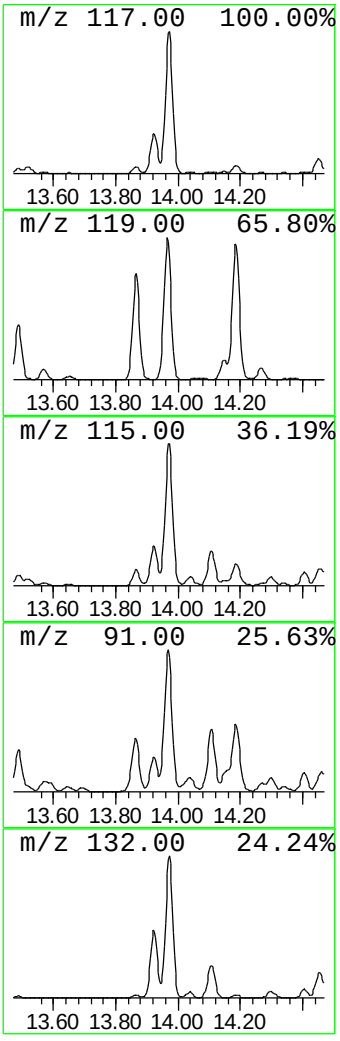
****

Peak Number 6 Benzene, (2-methyl-1-propen... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	54.06 ug/l	564016	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
5	Indan, 1-methyl-	132	C10H12	000767-58-8	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
Data File : VN061345.D
Acq On : 7 May 2020 19:35
Operator : JC/MD
Sample : L2544-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS038MW103-200504

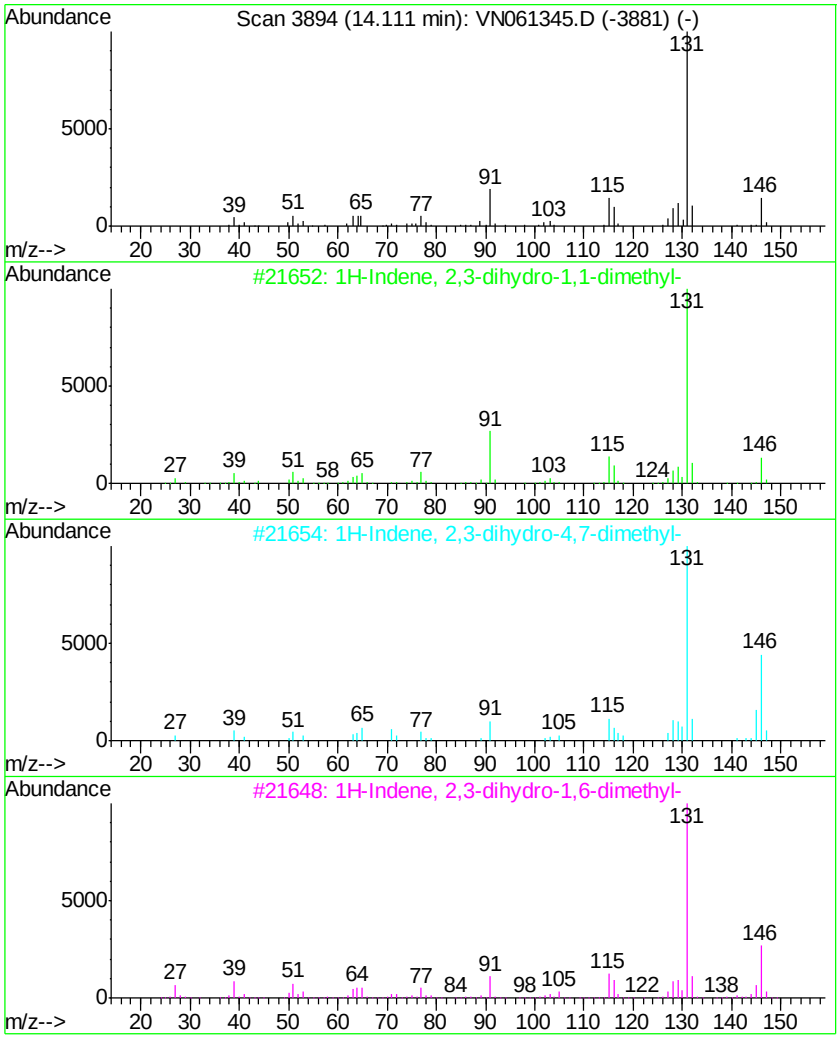
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

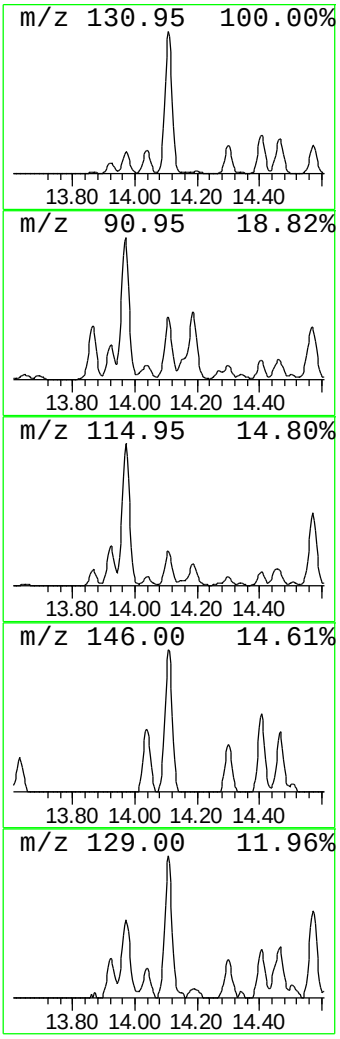
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	19.08 ug/l	199027	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	97
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
Data File : VN061345.D
Acq On : 7 May 2020 19:35
Operator : JC/MD
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

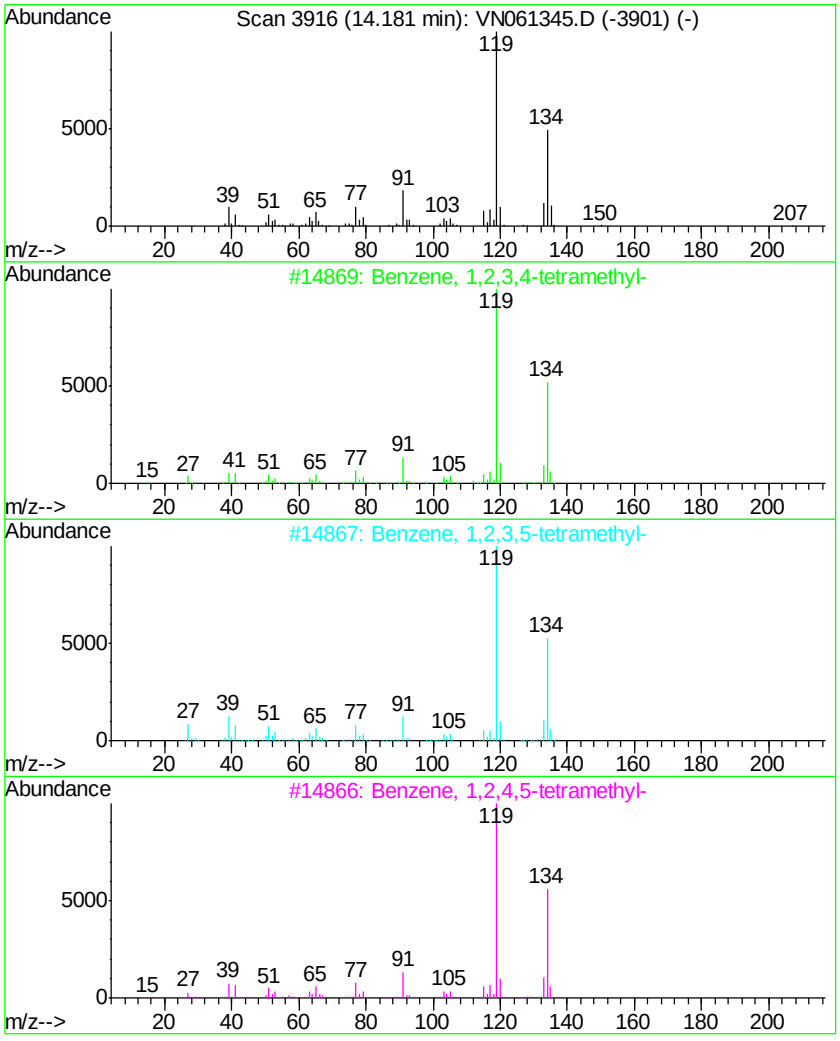
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

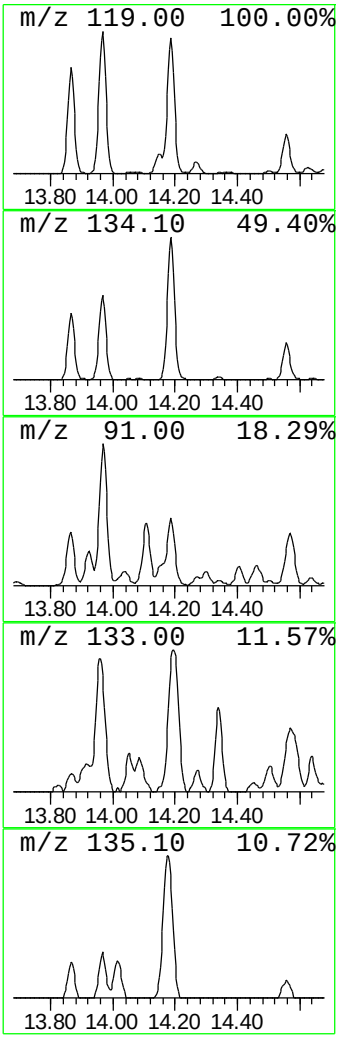
****

Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	34.11 ug/l	355894	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
5	p-Cymene	134	C10H14	000099-87-6	94





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ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId : SS038MW103-200504

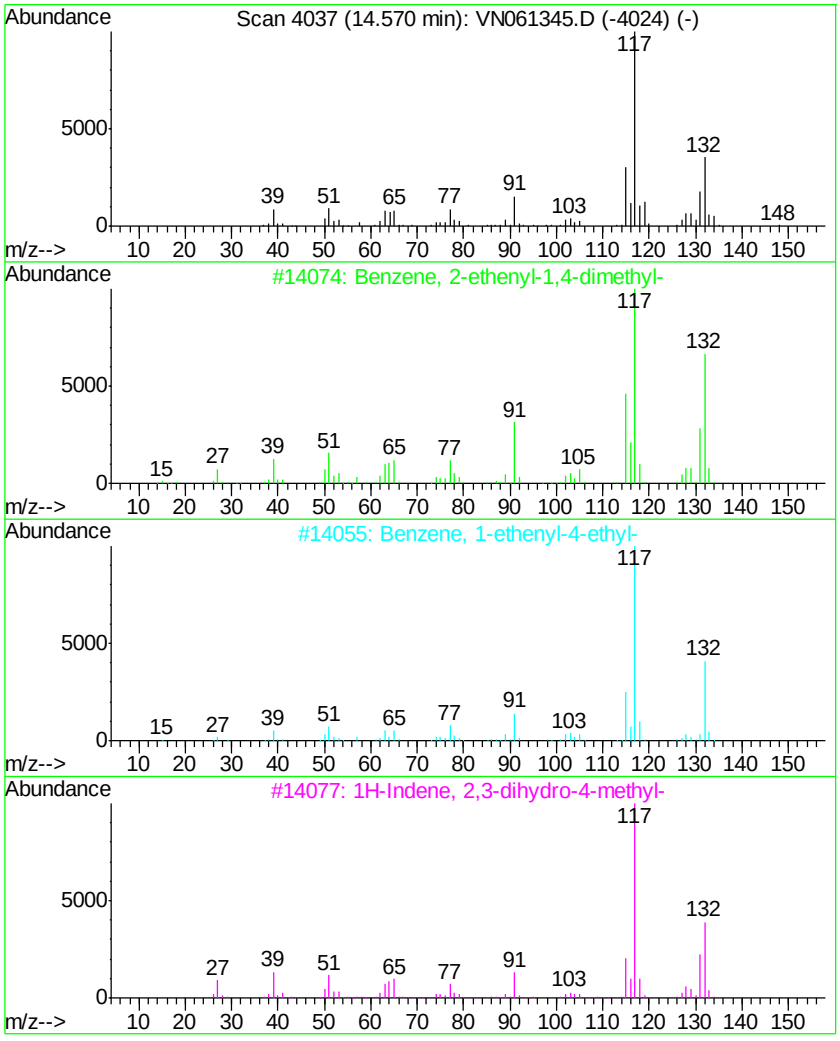
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

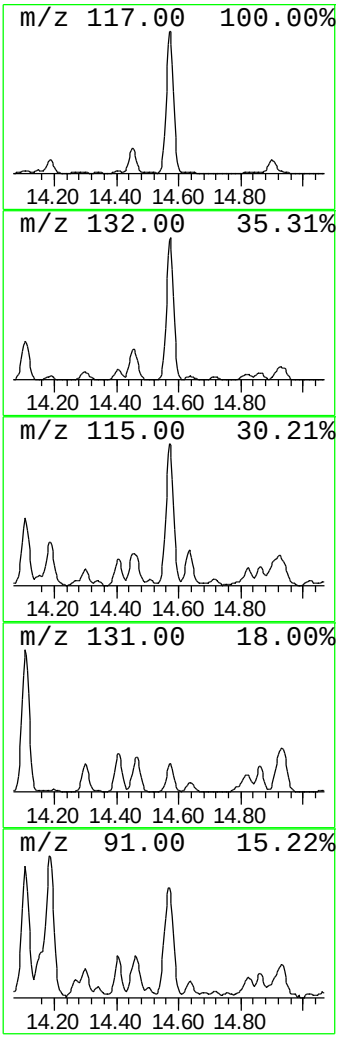
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	31.60 ug/l	329659	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050720\
Data File : VN061345.D
Acq On : 7 May 2020 19:35
Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.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
Pentane, 2,2,4-tr...	8.17	19.8	ug/l	165495	2	8.55	417422	50.0
Pentane, 2,3,3-tr...	9.62	23.4	ug/l	195614	2	8.55	417422	50.0
Benzene, 1,4-diet...	13.49	16.5	ug/l	172212	4	13.32	521624	50.0
Benzene, 2-ethyl-...	13.87	18.1	ug/l	188797	4	13.32	521624	50.0
Benzene, (2-methy...	13.97	54.1	ug/l	564016	4	13.32	521624	50.0
1H-Indene, 2,3-di...	14.11	19.1	ug/l	199027	4	13.32	521624	50.0
Benzene, 1,2,3,4-...	14.18	34.1	ug/l	355894	4	13.32	521624	50.0
Benzene, 2-etheny...	14.57	31.6	ug/l	329659	4	13.32	521624	50.0