LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024688.D
Acq On : 18 Jun 2018 13:47
Operator : MD/SY
Sample : J3463-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-061218-02

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_U\METHOD\82U061318W.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	1.092	140	156	180	rBV	4611871	5394165	57.29%	8.754%
2	3.001	734	750	769	rBV	97619	216169	2.30%	0.351%
3	4.101	1073	1092	1108	rBV2	103652	274793	2.92%	0.446%
4	4.786	1273	1305	1322	rBV2	40676	120223	1.28%	0.195%
5	4.889	1322	1337	1354	rVV2	178786	416529	4.42%	0.676%
6	4.992	1354	1369	1388	rVV2	345941	853005	9.06%	1.384%
7	5.313	1457	1469	1487	rVB	172573	362111	3.85%	0.588%
8	5.892	1635	1649	1659	rBV	349403	696279	7.40%	1.130%
9	5.950	1659	1667	1691	rVB4	124544	375119	3.98%	0.609%
10	6.230	1735	1754	1772	rBV4	92309	212776	2.26%	0.345%
11	6.419	1790	1813	1828	rBV2	189828	461672	4.90%	0.749%
12	6.847	1925	1946	1958	rBV5	45696	150550	1.60%	0.244%
13	7.072	1988	2016	2026	rBV	218314	420146	4.46%	0.682%
14	7.435	2116	2129	2147	rVB2	156413	293767	3.12%	0.477%
15	7.570	2147	2171	2186	rBV	667821	1220958	12.97%	1.982%
16	8.098	2326	2335	2355	rVB2	92919	171374	1.82%	0.278%
17	9.094	2633	2645	2656	rBV	502323	842492	8.95%	1.367%
18	10.168	2962	2979	3001	rBV	832437	1330481	14.13%	2.159%
19	10.310	3012	3023	3039	rBV	505258	809753	8.60%	1.314%
20	10.590	3097	3110	3140	rBV	2531803	3911334	41.54%	6.348%
21	10.975	3219	3230	3248	rVB	111262	192845	2.05%	0.313%
22	11.294	3318	3329	3333	rBV	112812	163292	1.73%	0.265%
23	11.326	3334	3339	3354	rVB	196450	297553	3.16%	0.483%
24	11.487	3378	3389	3409	rBV	608763	957754	10.17%	1.554%
25	11.692	3443	3453	3463	rBV	74585	119985	1.27%	0.195%
26	11.770	3463	3477	3496	rBV2	5489346	9415501	100.00%	15.281%
27	11.869	3497	3508	3512	rBV	323243	503927	5.35%	0.818%
28	11.985	3533	3544	3557	rBV	270782	413794	4.39%	0.672%
29	12.255	3613	3628	3635	rBV	2620670	3987478	42.35%	6.471%
30	12.287	3635	3638	3649	rVB	644487	834195	8.86%	1.354%
31	12.358	3649	3660	3681	rBV2	1970329	3614874	38.39%	5.867%
32	12.541	3708	3717	3732	rVB2	122973	210608	2.24%	0.342%
33	12.654	3732	3752	3765	rBV	1679224	2625260	27.88%	4.261%
34	12.789	3784	3794	3807	rBV2	147992	233919	2.48%	0.380%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024688.D
Acq On : 18 Jun 2018 13:47
Operator : MD/SY
Sample : J3463-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-061218-02

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_U\METHOD\82U061318W.M
Title : SW846 8260

35	12.882	3815	3823	3829	rBV	57670	94597	1.00%	0.154%
36	12.930	3830	3838	3840	rVV2	127140	182636	1.94%	0.296%
37	12.969	3840	3850	3868	rVB	1604967	2559825	27.19%	4.154%
38	13.126	3880	3899	3915	rBV3	4684437	7657346	81.33%	12.427%
39	13.239	3928	3934	3941	rBV	83816	114041	1.21%	0.185%
40	13.294	3942	3951	3969	rVB3	229281	408439	4.34%	0.663%
41	13.409	3976	3987	3994	rBV2	143620	239600	2.54%	0.389%
42	13.461	3994	4003	4010	rVV	289572	450475	4.78%	0.731%
43	13.512	4010	4019	4028	rVV3	434410	645574	6.86%	1.048%
44	13.583	4034	4041	4044	rBV	136888	179432	1.91%	0.291%
45	13.615	4045	4051	4073	rVB3	397624	887345	9.42%	1.440%
46	13.731	4074	4087	4097	rBV4	53260	106039	1.13%	0.172%
47	13.789	4097	4105	4117	rVB	95165	152188	1.62%	0.247%
48	13.856	4117	4126	4139	rBV	140621	218802	2.32%	0.355%
49	13.956	4140	4157	4168	rBV2	241675	502509	5.34%	0.816%
50	14.017	4168	4176	4185	rVB2	148416	226681	2.41%	0.368%
51	14.155	4208	4219	4240	rBV	251633	481481	5.11%	0.781%
52	14.348	4265	4279	4301	rVB4	398342	973527	10.34%	1.580%
53	14.480	4311	4320	4329	rBV2	117376	189204	2.01%	0.307%
54	14.538	4329	4338	4352	rVB3	285496	506181	5.38%	0.821%
55	14.679	4370	4382	4397	rBV2	322832	571496	6.07%	0.927%
56	14.824	4418	4427	4433	rBV	63842	101607	1.08%	0.165%
57	14.863	4434	4439	4453	rVV4	53225	121647	1.29%	0.197%
58	14.937	4453	4462	4477	rVB5	66371	142034	1.51%	0.231%
59	15.078	4493	4506	4516	rBV4	79098	181877	1.93%	0.295%
60	15.589	4653	4665	4682	rVB3	57088	119384	1.27%	0.194%
61	15.802	4715	4731	4737	rBV	89801	154753	1.64%	0.251%
62	15.917	4754	4767	4778	rBV	225584	409602	4.35%	0.665%
63	16.062	4801	4812	4822	rBV	425769	664996	7.06%	1.079%
64	16.290	4863	4883	4901	rVB2	103361	269548	2.86%	0.437%

Sum of corrected areas: 61617547

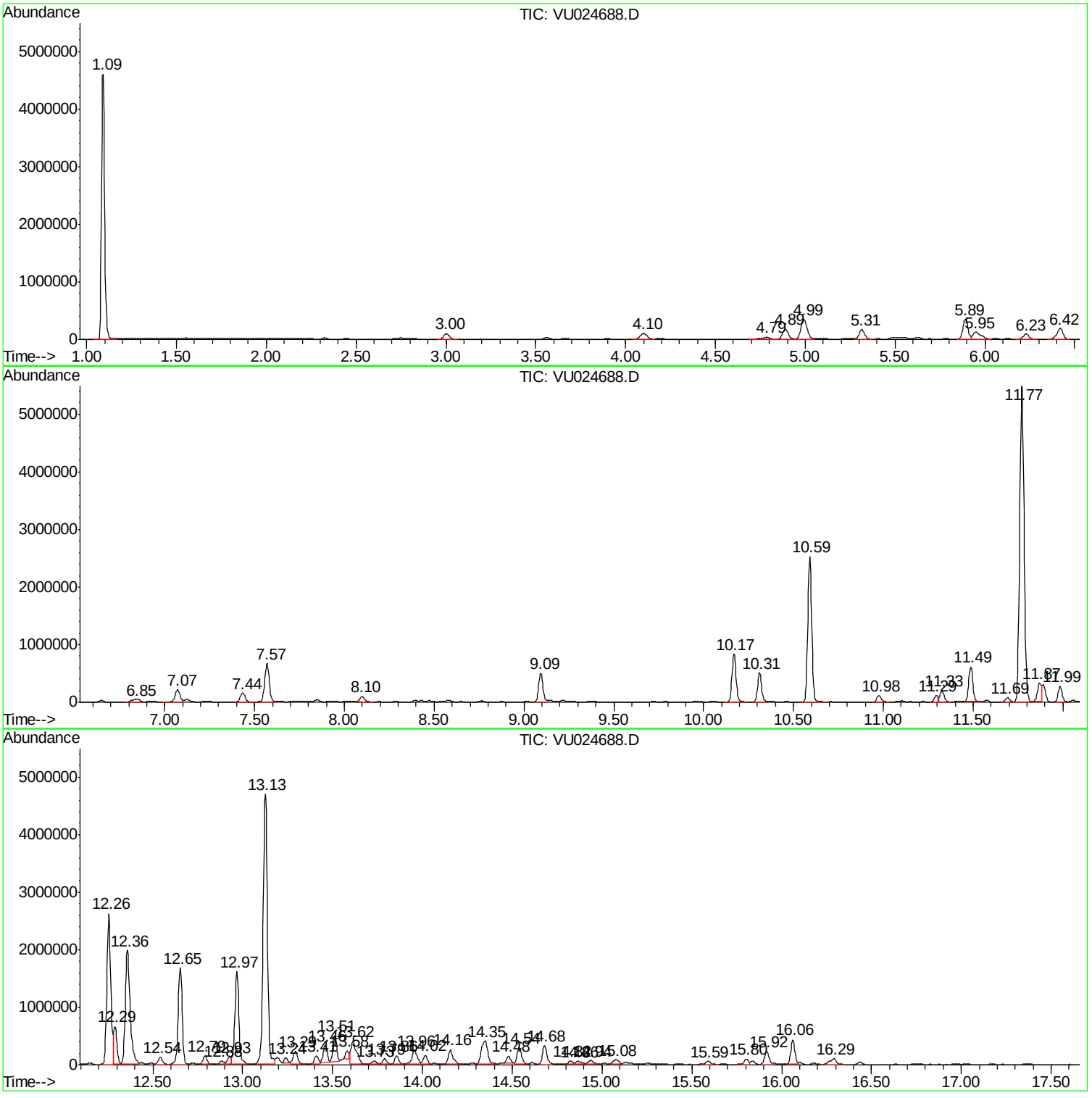
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024688.D
Acq On : 18 Jun 2018 13:47
Operator : MD/SY
Sample : J3463-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-061218-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024688.D
Acq On : 18 Jun 2018 13:47
Operator : MD/SY
Sample : J3463-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-061218-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

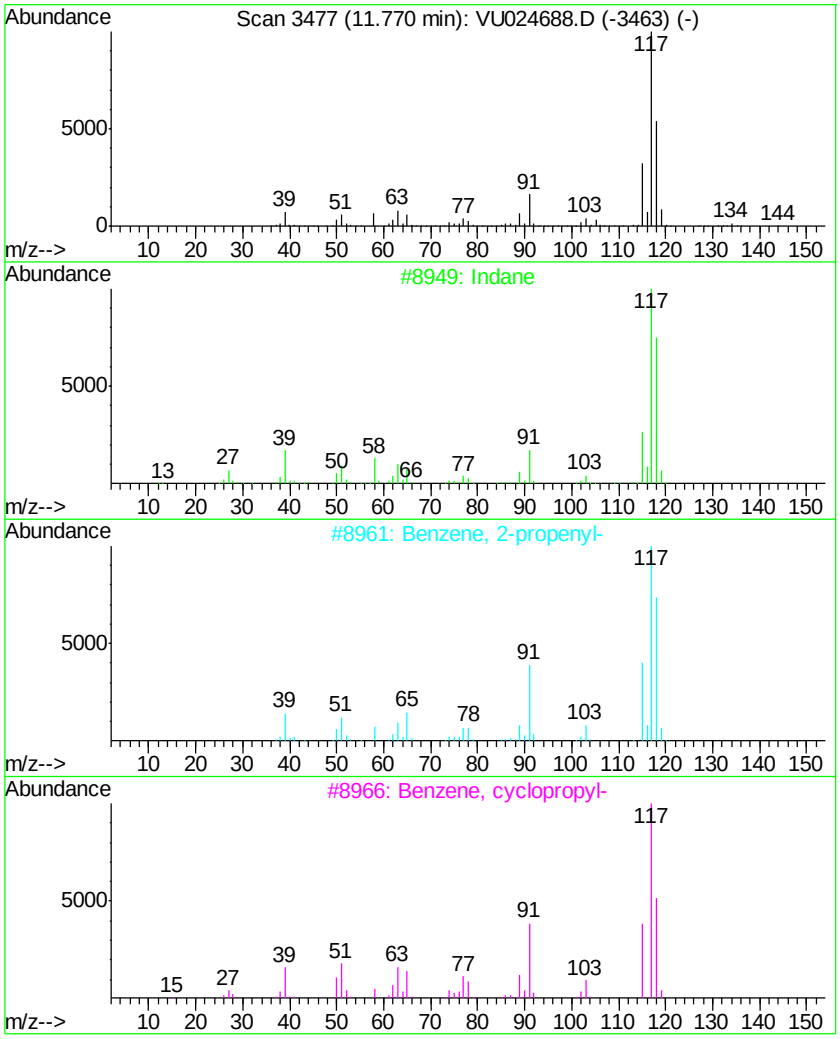
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

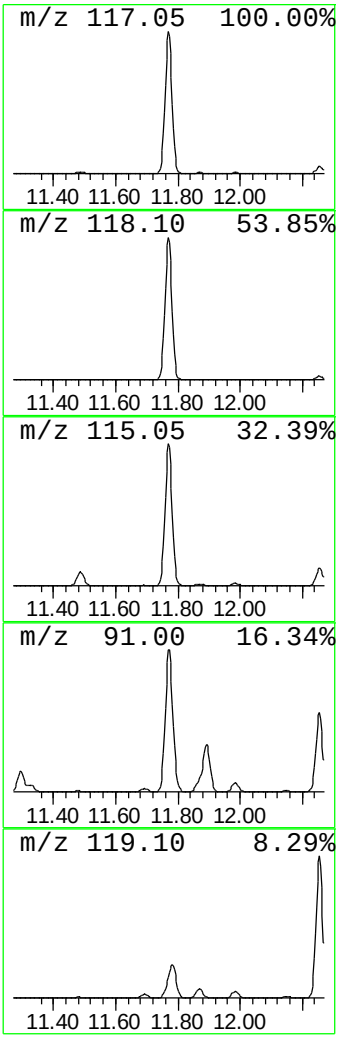
****

Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	491.54 ug/l	9415500	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024688.D
Acq On : 18 Jun 2018 13:47
Operator : MD/SY
Sample : J3463-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-061218-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

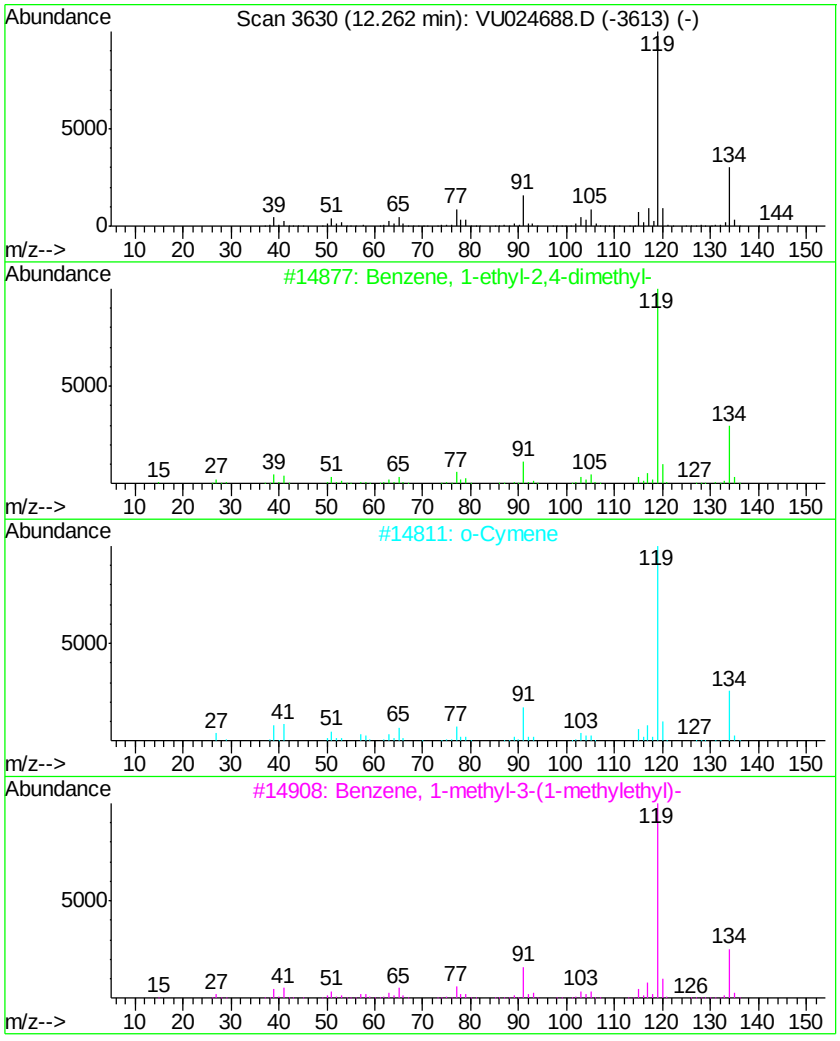
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

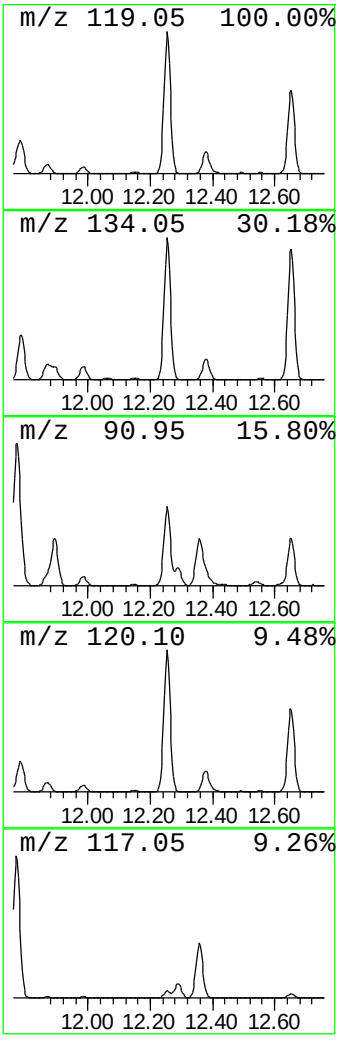
****

Peak Number 3 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	208.17 ug/l	3987480	1,4-Dichlorobenzene-d4	11.49

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, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024688.D
Acq On : 18 Jun 2018 13:47
Operator : MD/SY
Sample : J3463-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-061218-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

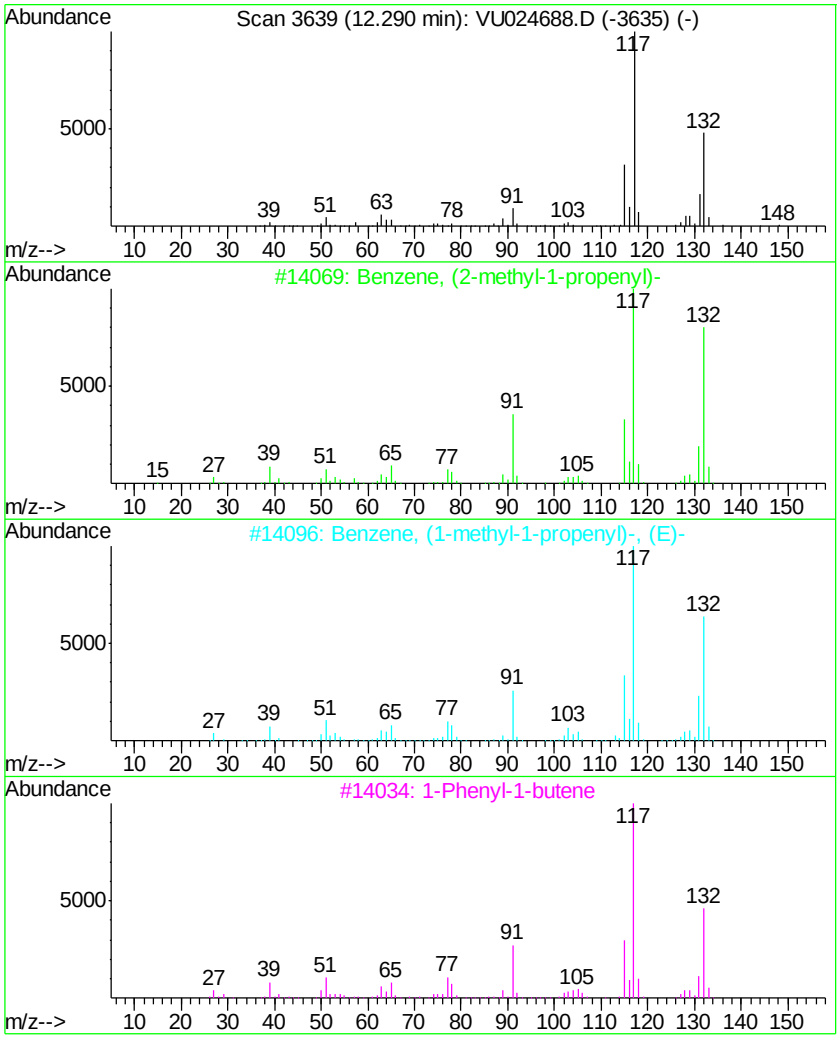
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

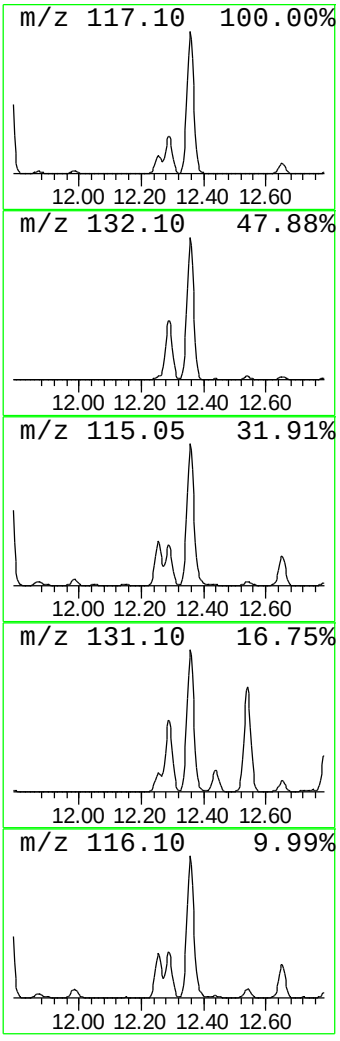
****

Peak Number 4 Benzene, (2-methyl-1-propen... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	43.55 ug/l	834195	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024688.D
Acq On : 18 Jun 2018 13:47
Operator : MD/SY
Sample : J3463-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-061218-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

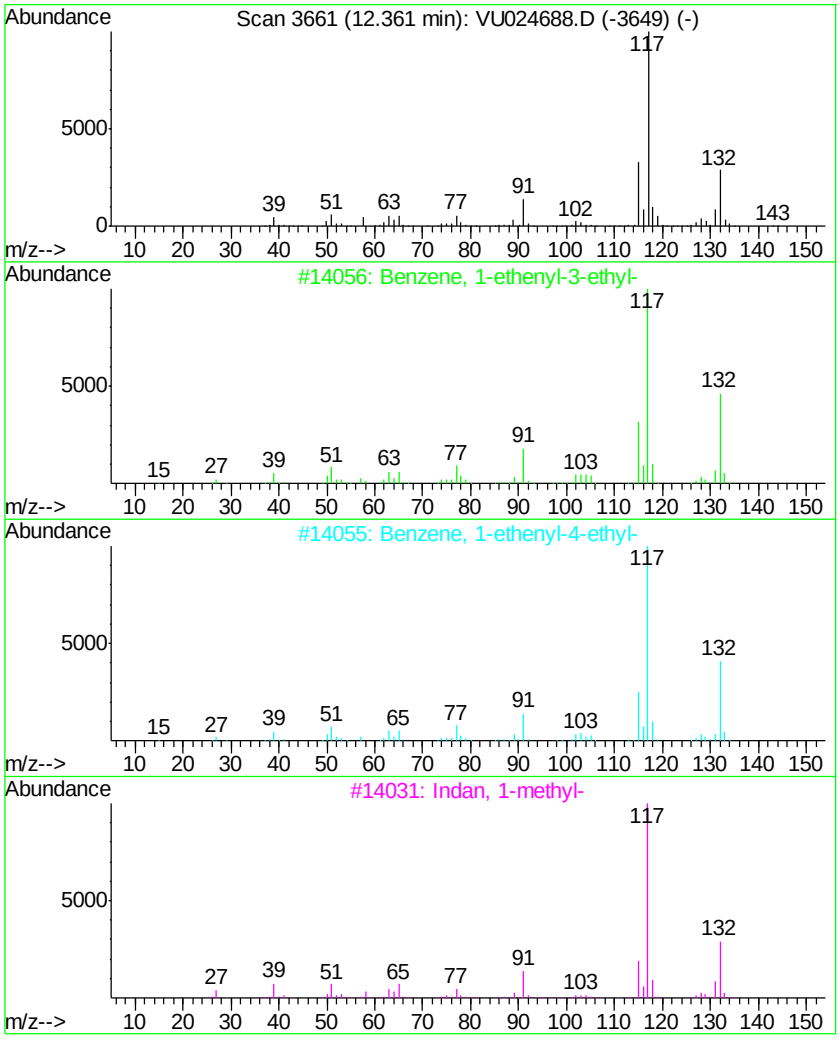
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

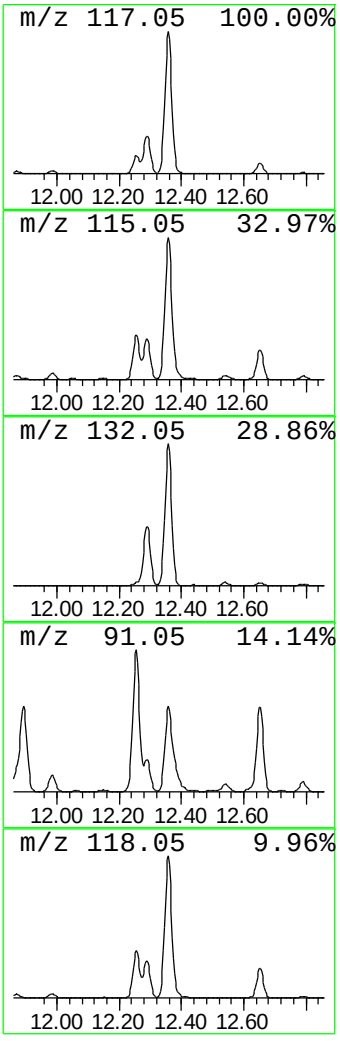
****

Peak Number 5 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	188.72 ug/l	3614870	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	90
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024688.D
Acq On : 18 Jun 2018 13:47
Operator : MD/SY
Sample : J3463-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-061218-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

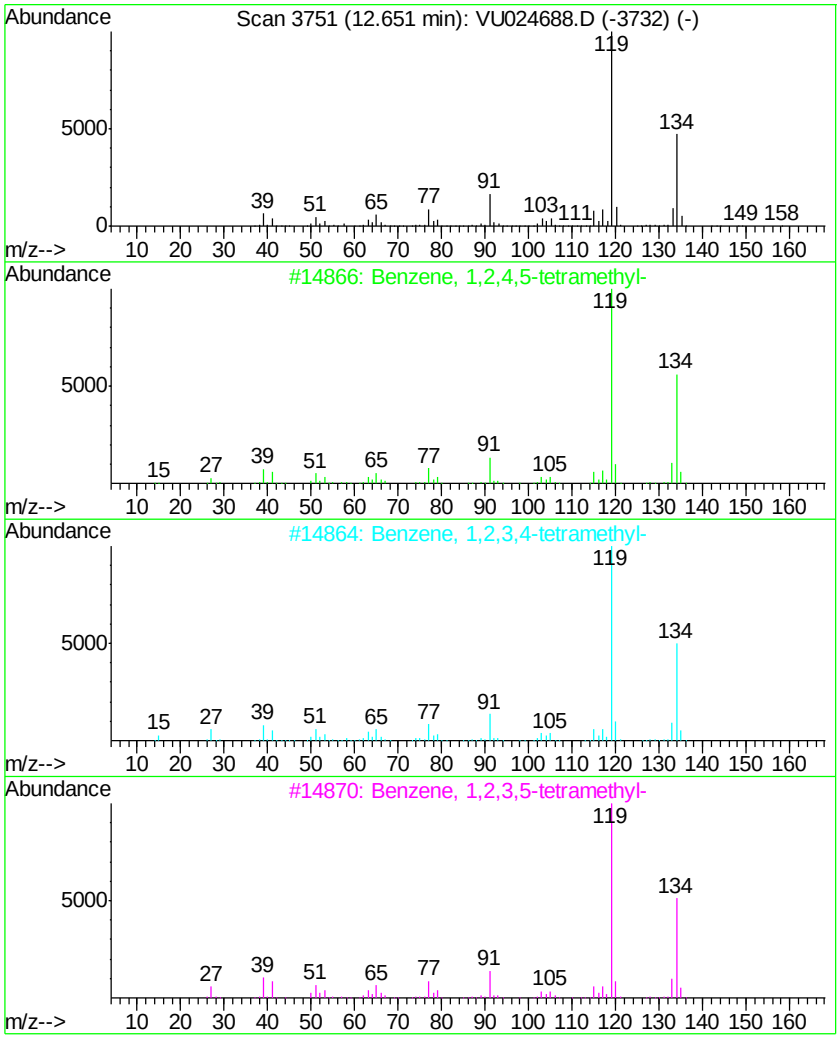
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

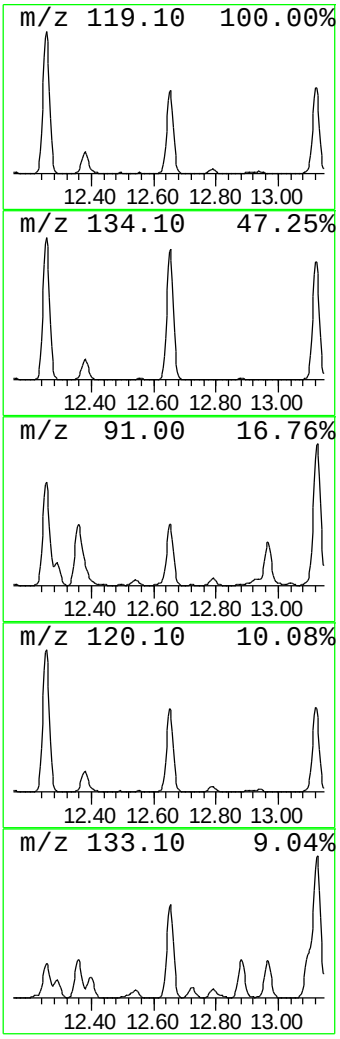
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	137.05 ug/l	2625260	1,4-Dichlorobenzene-d4	11.49

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	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024688.D
Acq On : 18 Jun 2018 13:47
Operator : MD/SY
Sample : J3463-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-061218-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

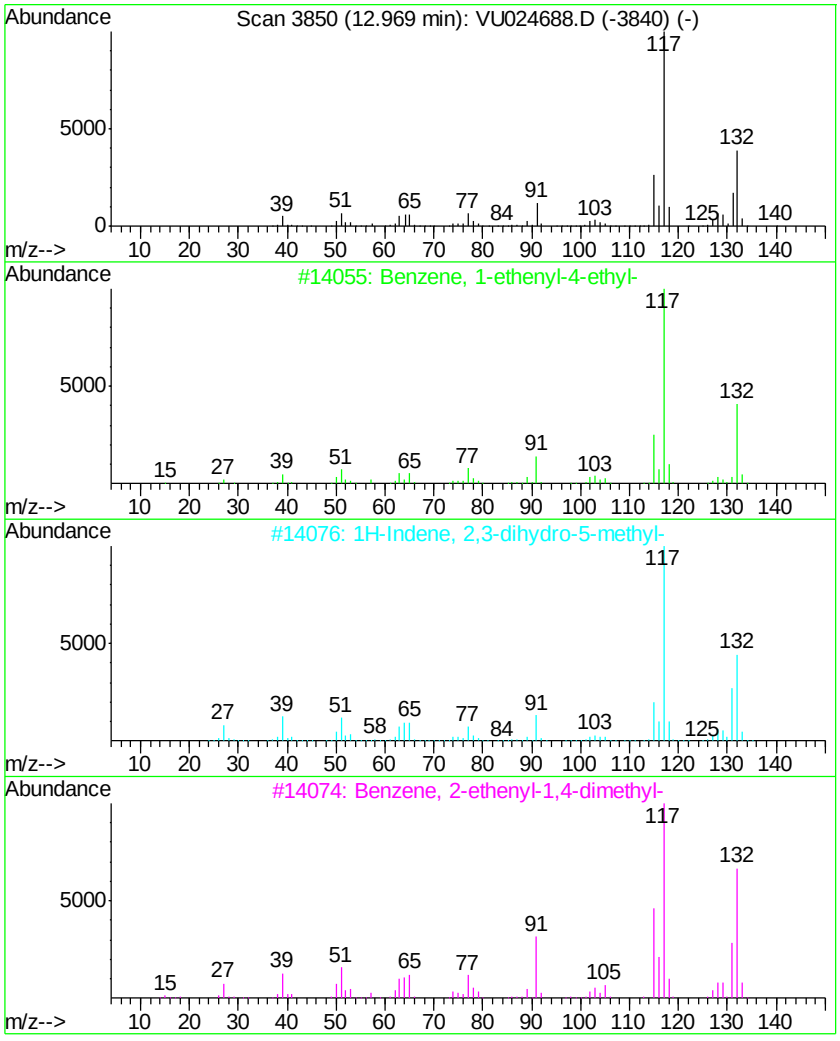
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

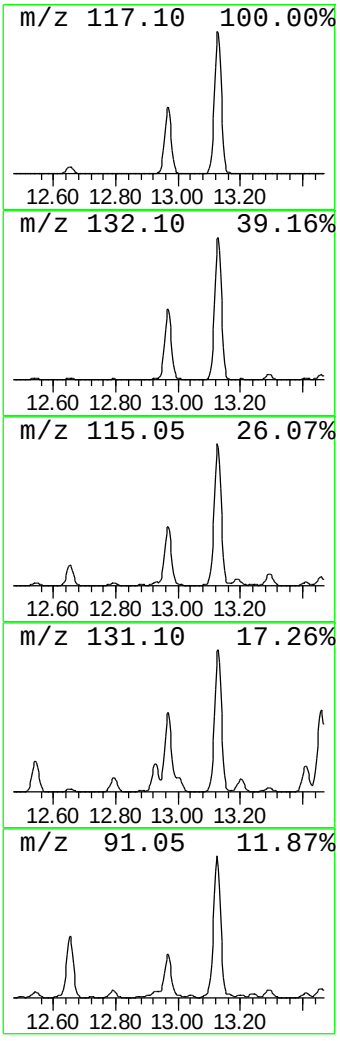
****

Peak Number 7 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	133.64 ug/l	2559830	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024688.D
Acq On : 18 Jun 2018 13:47
Operator : MD/SY
Sample : J3463-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-061218-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

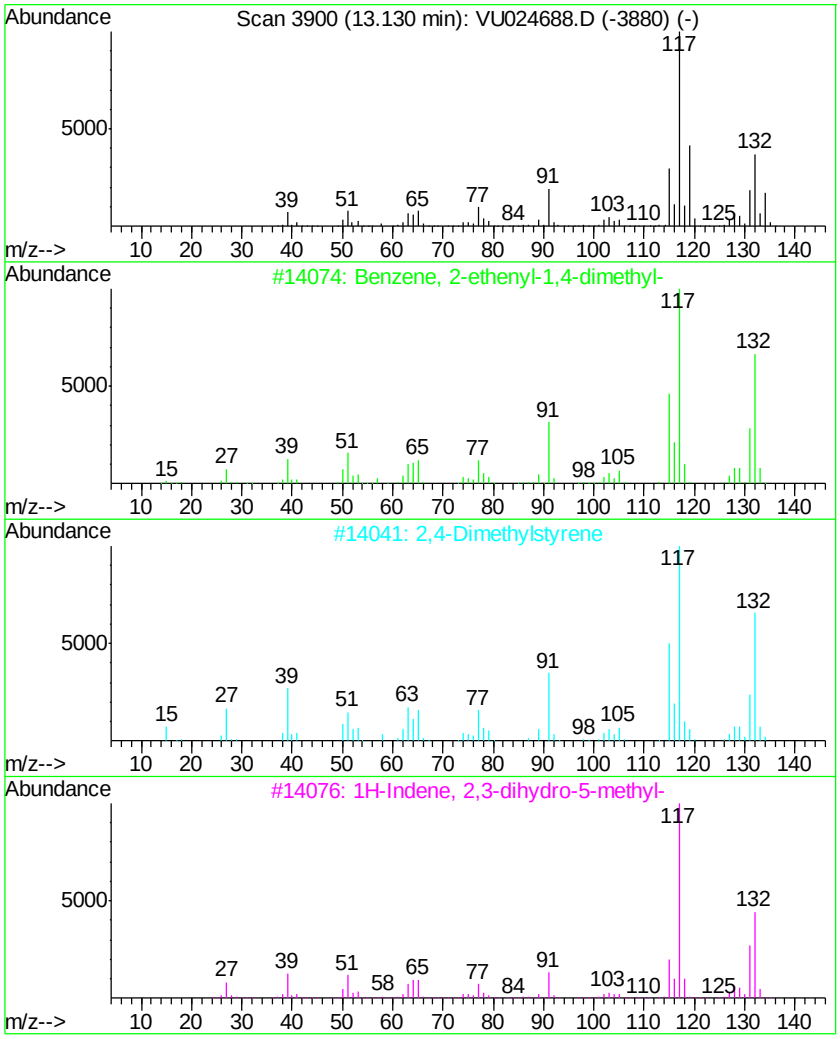
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

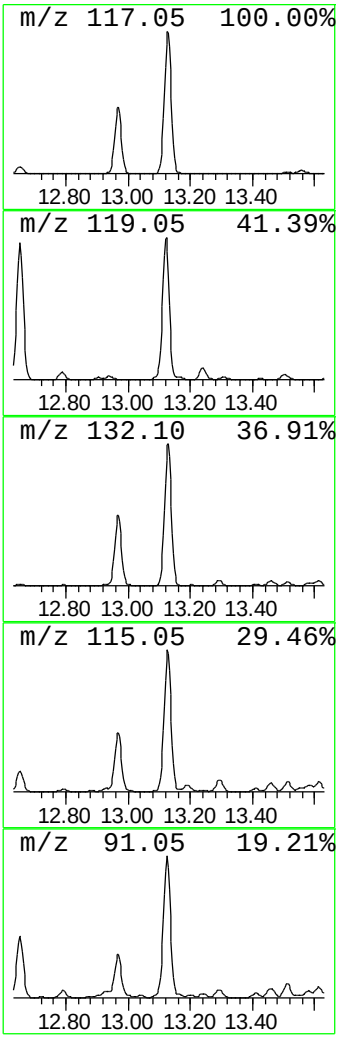
****

Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	399.76 ug/l	7657350	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024688.D
Acq On : 18 Jun 2018 13:47
Operator : MD/SY
Sample : J3463-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-061218-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

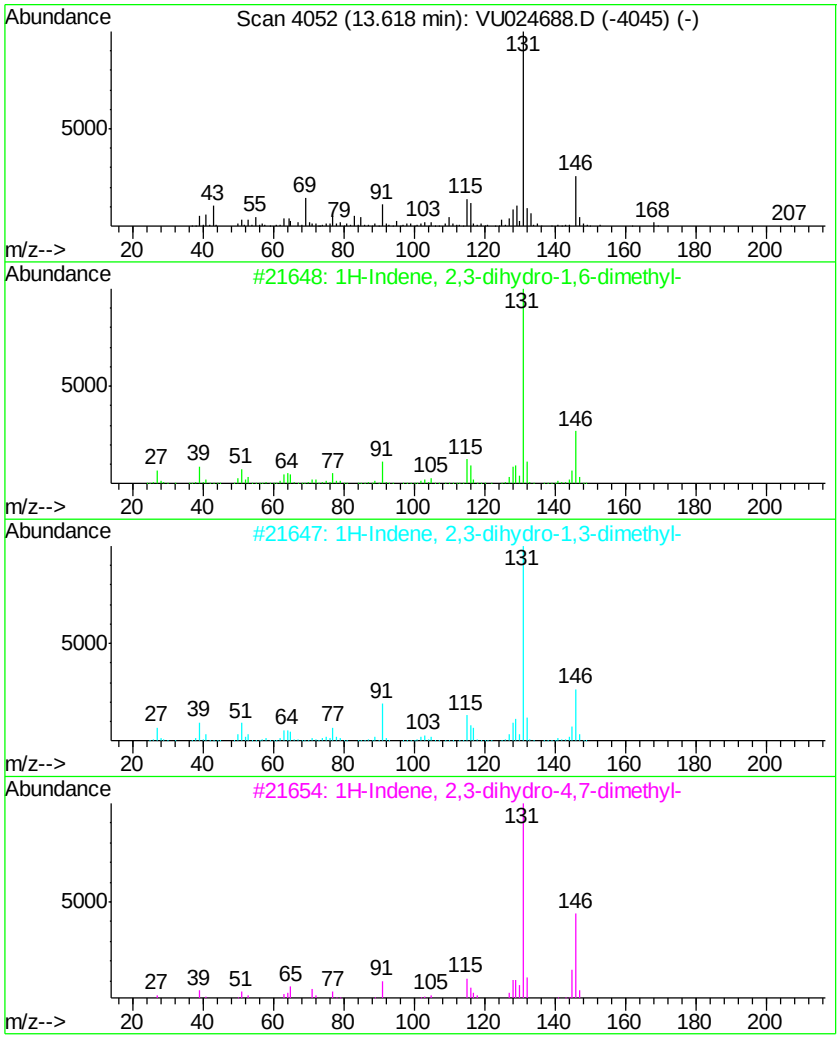
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

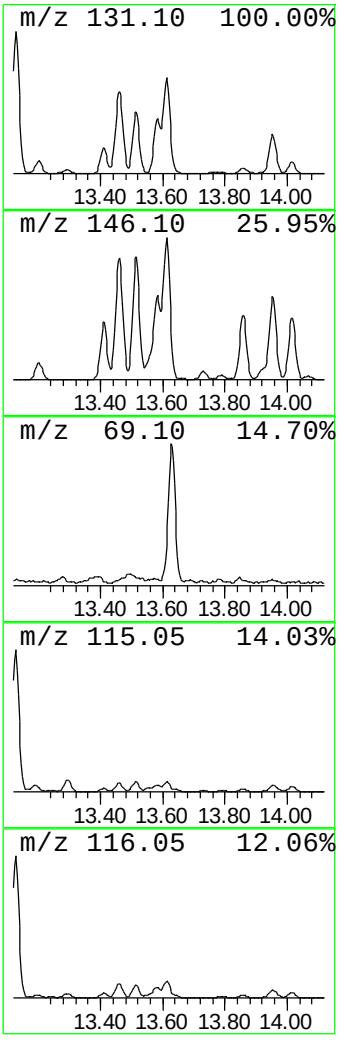
****

Peak Number 9 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	46.32 ug/l	887345	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	95
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024688.D
Acq On : 18 Jun 2018 13:47
Operator : MD/SY
Sample : J3463-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-061218-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

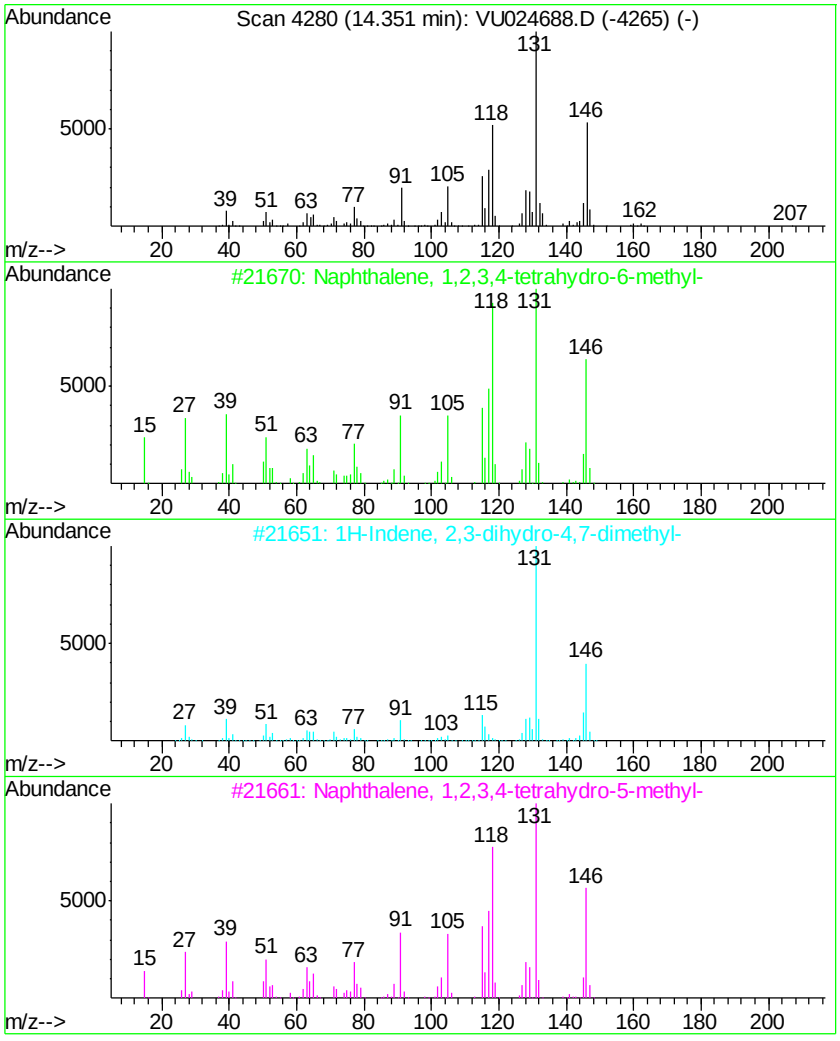
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

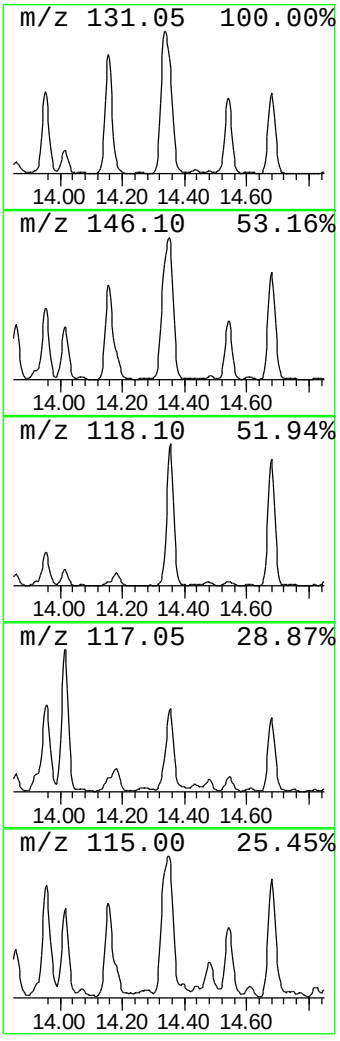
****

Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	50.82 ug/l	973527	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	92
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	76
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024688.D
Acq On : 18 Jun 2018 13:47
Operator : MD/SY
Sample : J3463-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-061218-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.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
Indane	11.77	491.5	ug/l	9415500	4	11.49	957754	50.0
Benzene, 1-ethyl-...	12.26	208.2	ug/l	3987480	4	11.49	957754	50.0
Benzene, (2-methy...	12.29	43.5	ug/l	834195	4	11.49	957754	50.0
Benzene, 1-etheny...	12.36	188.7	ug/l	3614870	4	11.49	957754	50.0
Benzene, 1,2,4,5-...	12.65	137.1	ug/l	2625260	4	11.49	957754	50.0
Benzene, 1-etheny...	12.97	133.6	ug/l	2559830	4	11.49	957754	50.0
Benzene, 2-etheny...	13.13	399.8	ug/l	7657350	4	11.49	957754	50.0
1H-Indene, 2,3-di...	13.62	46.3	ug/l	887345	4	11.49	957754	50.0
Naphthalene, 1,2,...	14.35	50.8	ug/l	973527	4	11.49	957754	50.0