LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024699.D
Acq On : 18 Jun 2018 18:13
Operator : MD/SY
Sample : J3463-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-4-9.0-061218

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	1.088	136	155	178	rBV	1964858	2160296	58.43%	8.561%
2	3.002	729	750	769	rBV	50814	112907	3.05%	0.447%
3	4.889	1321	1337	1353	rBV2	178170	403433	10.91%	1.599%
4	4.989	1353	1368	1388	rVB	255825	585774	15.84%	2.321%
5	5.313	1455	1469	1492	rVB	174419	369806	10.00%	1.465%
6	5.892	1632	1649	1672	rBV	345997	682467	18.46%	2.704%
7	6.419	1793	1813	1829	rBV2	52254	115657	3.13%	0.458%
8	7.567	2151	2170	2203	rBV	647495	1165924	31.54%	4.620%
9	9.091	2632	2644	2665	rBV	496584	831645	22.49%	3.296%
10	10.168	2969	2979	2994	rBV	109822	170898	4.62%	0.677%
11	10.310	3011	3023	3039	rBV	480571	776550	21.00%	3.077%
12	10.593	3098	3111	3131	rBV	106820	175929	4.76%	0.697%
13	10.995	3223	3236	3248	rVB9	16232	39751	1.08%	0.158%
14	11.104	3254	3270	3279	rBV2	39423	71239	1.93%	0.282%
15	11.294	3317	3329	3333	rBV	48652	72577	1.96%	0.288%
16	11.326	3333	3339	3355	rVB2	107824	168305	4.55%	0.667%
17	11.487	3377	3389	3407	rBV	570757	888886	24.04%	3.522%
18	11.693	3442	3453	3464	rBV	91843	140297	3.79%	0.556%
19	11.770	3464	3477	3495	rVV2	917970	1701029	46.01%	6.741%
20	11.869	3496	3508	3527	rVB2	83436	184645	4.99%	0.732%
21	11.985	3527	3544	3560	rBV	169179	276144	7.47%	1.094%
22	12.255	3614	3628	3634	rBV	720847	1099866	29.75%	4.358%
23	12.287	3634	3638	3649	rVV	265926	385602	10.43%	1.528%
24	12.358	3649	3660	3680	rVV2	704310	1533884	41.49%	6.078%
25	12.541	3706	3717	3729	rVB	126402	214681	5.81%	0.851%
26	12.654	3732	3752	3765	rVV	611991	1020226	27.60%	4.043%
27	12.789	3784	3794	3806	rVB3	76254	122830	3.32%	0.487%
28	12.882	3813	3823	3830	rBV	69698	111819	3.02%	0.443%
29	12.930	3830	3838	3842	rVV3	79709	121828	3.30%	0.483%
30	12.966	3843	3849	3858	rVB	215427	313923	8.49%	1.244%
31	13.123	3875	3898	3910	rBV2	2287682	3697130	100.00%	14.651%
32	13.242	3928	3935	3945	rBV	34110	52321	1.42%	0.207%
33	13.413	3978	3988	3994	rBV2	55945	91795	2.48%	0.364%
34	13.461	3995	4003	4011	rVV	120138	196473	5.31%	0.779%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024699.D
Acq On : 18 Jun 2018 18:13
Operator : MD/SY
Sample : J3463-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-4-9.0-061218

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	13.512	4011	4019	4027	rVV	242064	359703	9.73%	1.425%
36	13.583	4028	4041	4045	rVV4	140044	270453	7.32%	1.072%
37	13.615	4045	4051	4075	rVB3	244104	563204	15.23%	2.232%
38	13.734	4078	4088	4096	rBV2	51727	88558	2.40%	0.351%
39	13.792	4097	4106	4116	rVB	96208	142202	3.85%	0.564%
40	13.860	4116	4127	4140	rVB	152233	240637	6.51%	0.954%
41	13.956	4140	4157	4169	rBV2	203779	433536	11.73%	1.718%
42	14.017	4169	4176	4186	rVB3	72697	112297	3.04%	0.445%
43	14.155	4209	4219	4224	rBV2	87681	147007	3.98%	0.583%
44	14.355	4265	4281	4300	rVB3	377558	812333	21.97%	3.219%
45	14.480	4312	4320	4330	rVB2	64343	98888	2.67%	0.392%
46	14.541	4330	4339	4352	rVB4	114325	209706	5.67%	0.831%
47	14.612	4352	4361	4370	rVB4	26509	43431	1.17%	0.172%
48	14.680	4371	4382	4399	rBV2	337160	570395	15.43%	2.260%
49	14.869	4433	4441	4454	rBV5	37525	86173	2.33%	0.341%
50	14.937	4454	4462	4478	rVB3	55598	121581	3.29%	0.482%
51	15.085	4497	4508	4516	rVB2	47723	87350	2.36%	0.346%
52	15.589	4653	4665	4683	rVB5	38873	84755	2.29%	0.336%
53	15.805	4724	4732	4737	rBV	35534	56435	1.53%	0.224%
54	15.837	4739	4742	4754	rVB	38454	52069	1.41%	0.206%
55	15.917	4756	4767	4779	rBV	80142	151021	4.08%	0.598%
56	16.062	4801	4812	4823	rBV	205890	324700	8.78%	1.287%
57	16.265	4863	4875	4878	rBV2	30119	44904	1.21%	0.178%
58	16.294	4879	4884	4897	rVB3	47140	77420	2.09%	0.307%

Sum of corrected areas: 25235295

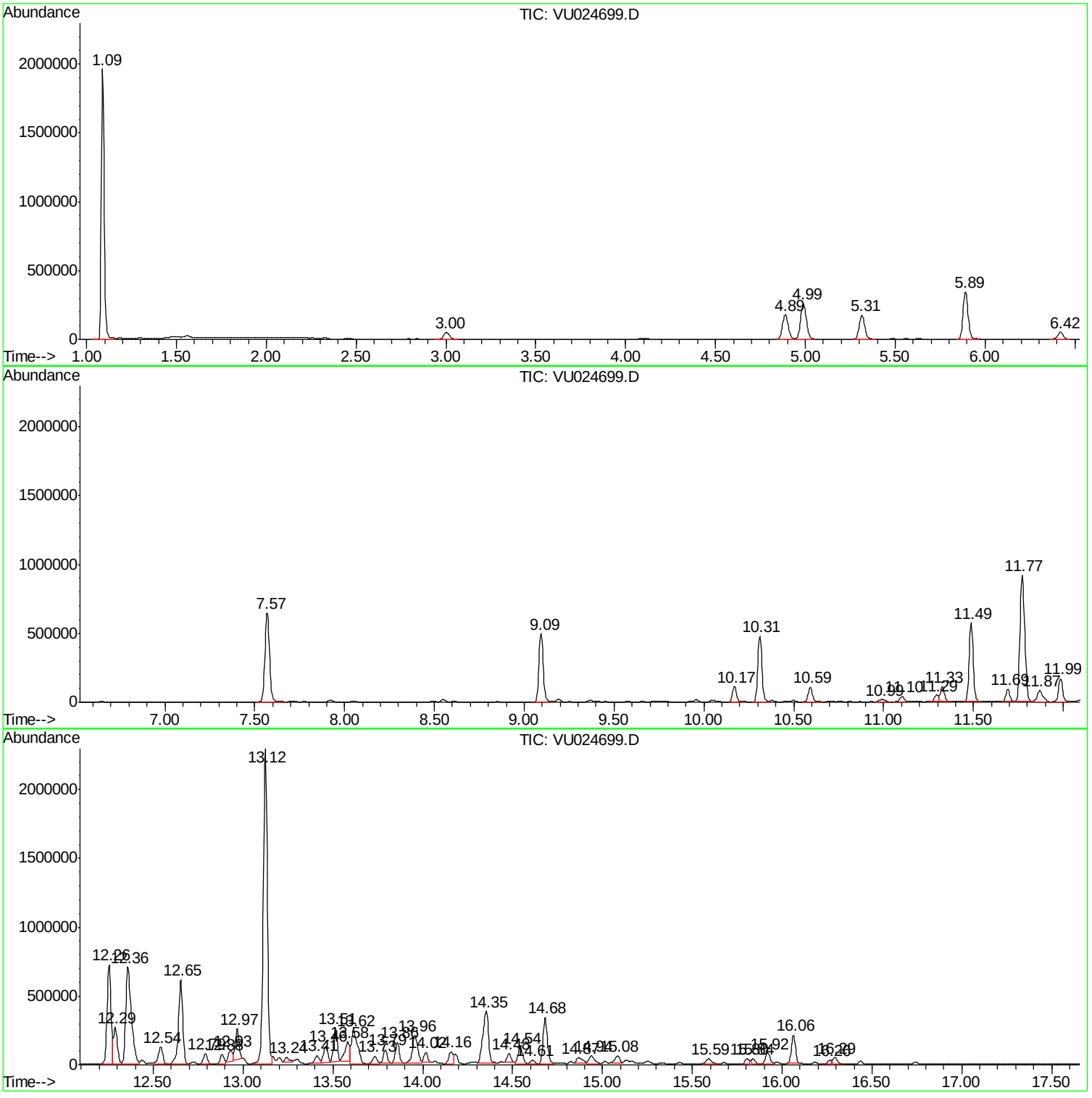
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024699.D
Acq On : 18 Jun 2018 18:13
Operator : MD/SY
Sample : J3463-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-4-9.0-061218

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024699.D
Acq On : 18 Jun 2018 18:13
Operator : MD/SY
Sample : J3463-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-4-9.0-061218

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

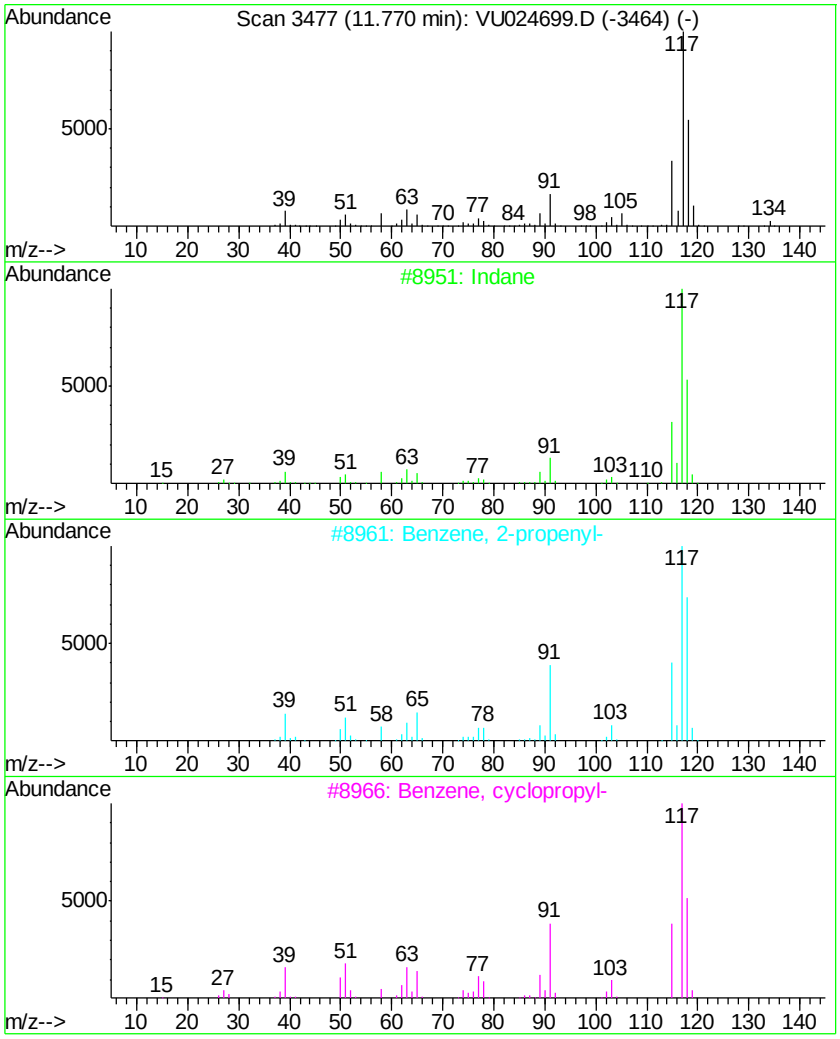
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

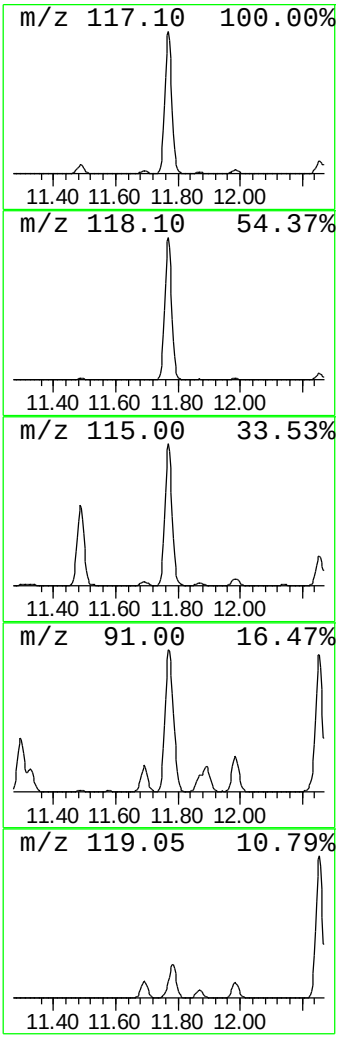
****

Peak Number 2 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	95.68 ug/l	1701030	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
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	76
5	Deltacyclene	118	C9H10	007785-10-6	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024699.D
Acq On : 18 Jun 2018 18:13
Operator : MD/SY
Sample : J3463-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-4-9.0-061218

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

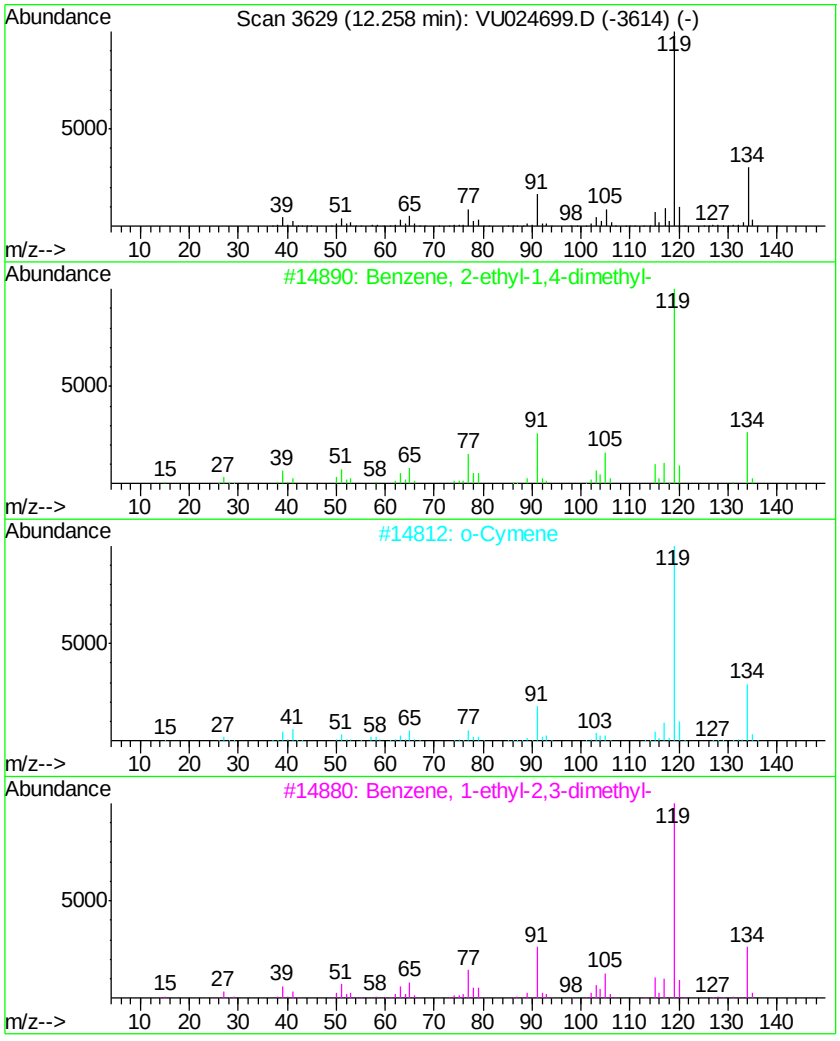
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

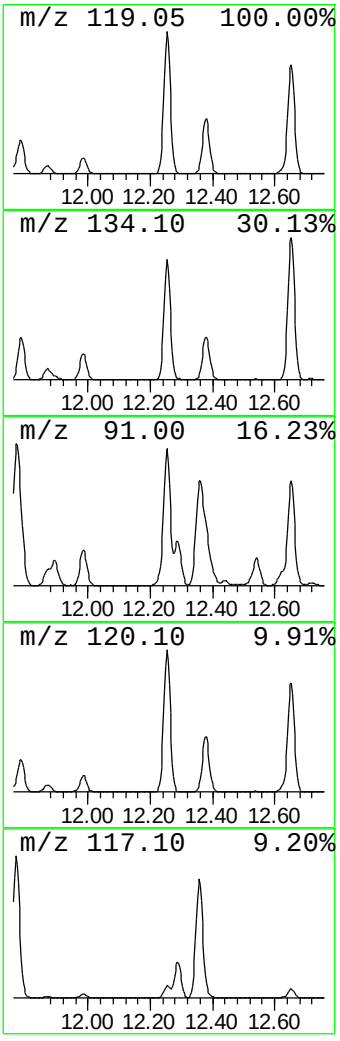
****

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	61.87 ug/l	1099870	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	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 : VU024699.D
Acq On : 18 Jun 2018 18:13
Operator : MD/SY
Sample : J3463-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-4-9.0-061218

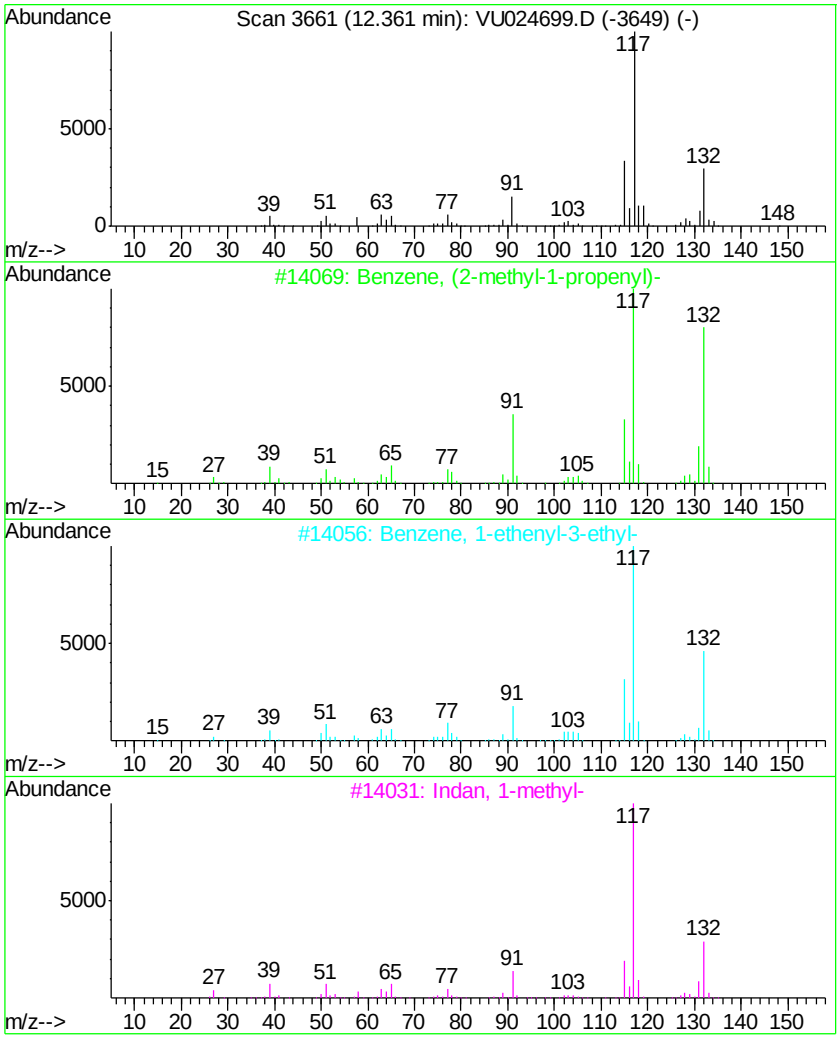
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

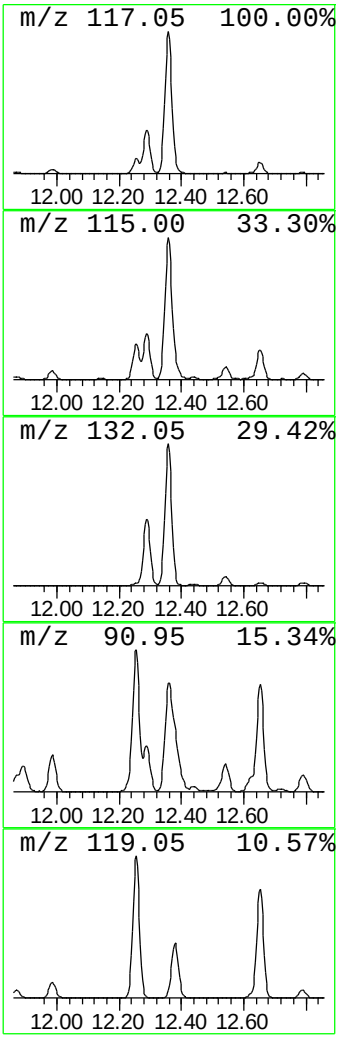
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	86.28 ug/l	1533880	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	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024699.D
Acq On : 18 Jun 2018 18:13
Operator : MD/SY
Sample : J3463-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-4-9.0-061218

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

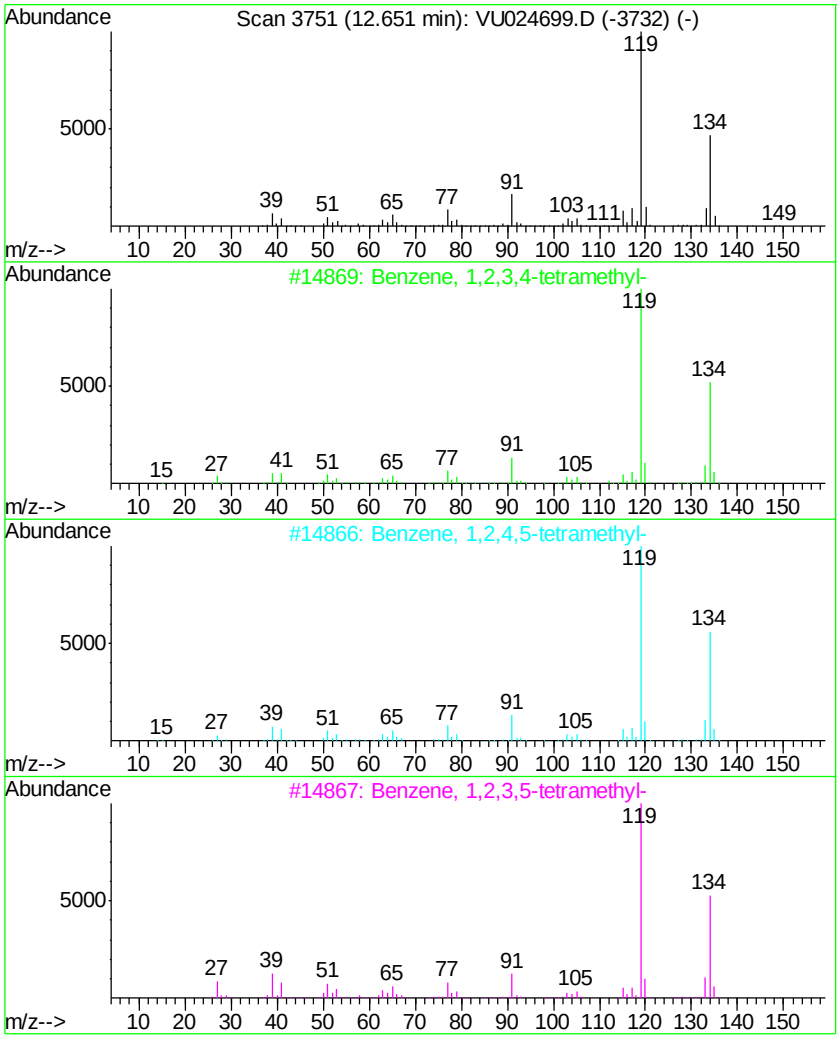
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

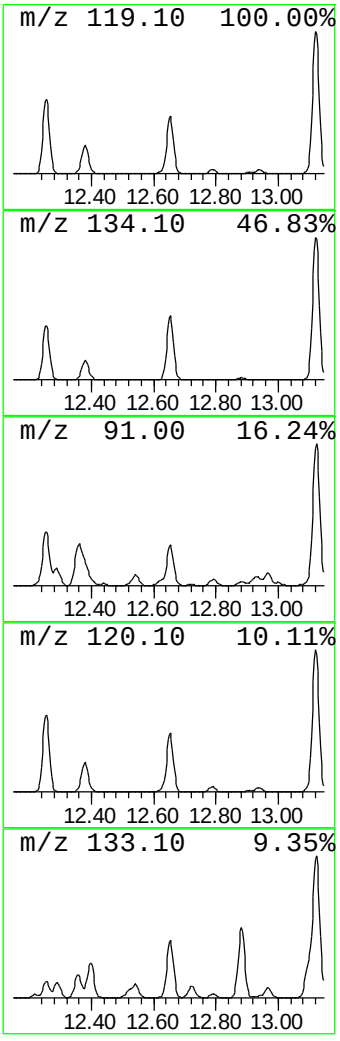
****

Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	57.39 ug/l	1020230	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024699.D
Acq On : 18 Jun 2018 18:13
Operator : MD/SY
Sample : J3463-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-4-9.0-061218

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

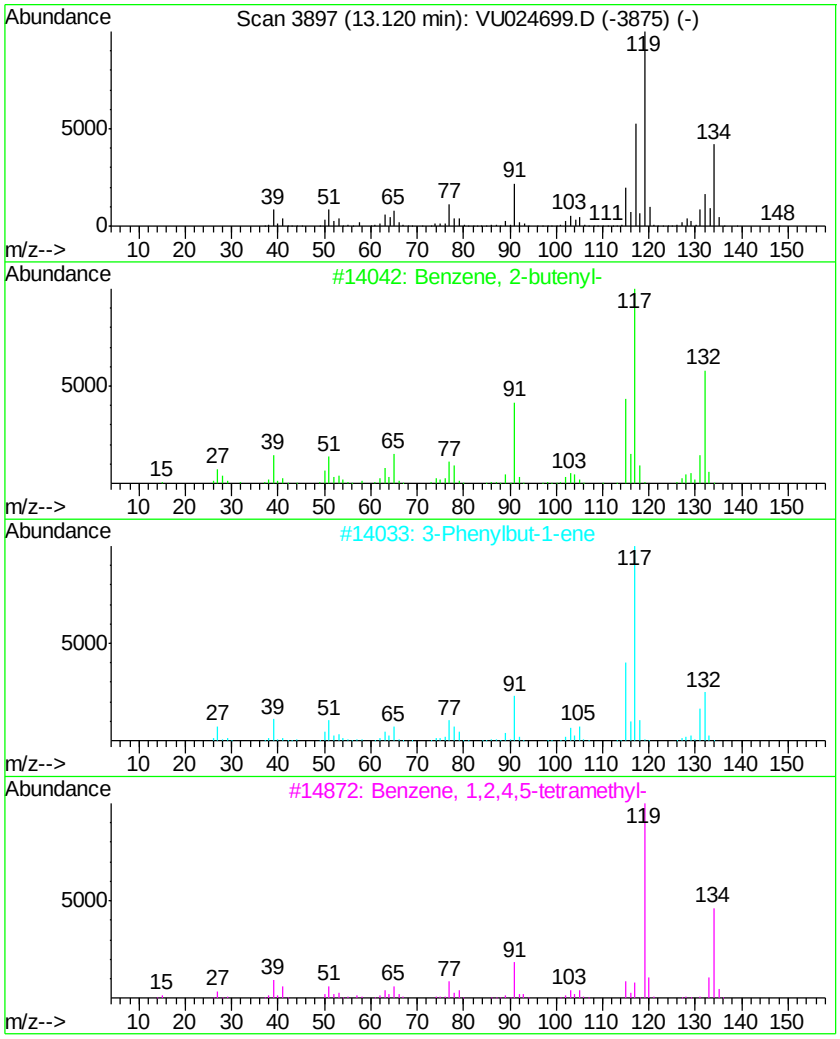
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

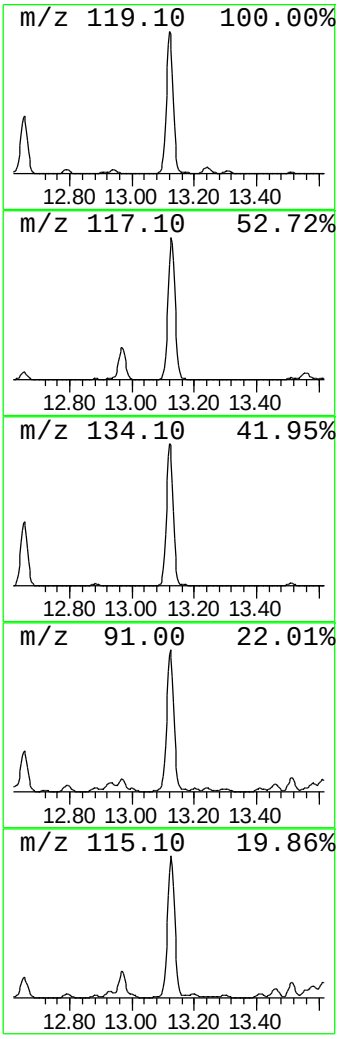
****

Peak Number 6 Benzene, 2-butenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	207.96 ug/l	3697130	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	80
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024699.D
Acq On : 18 Jun 2018 18:13
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Sample : J3463-17
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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-4-9.0-061218

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

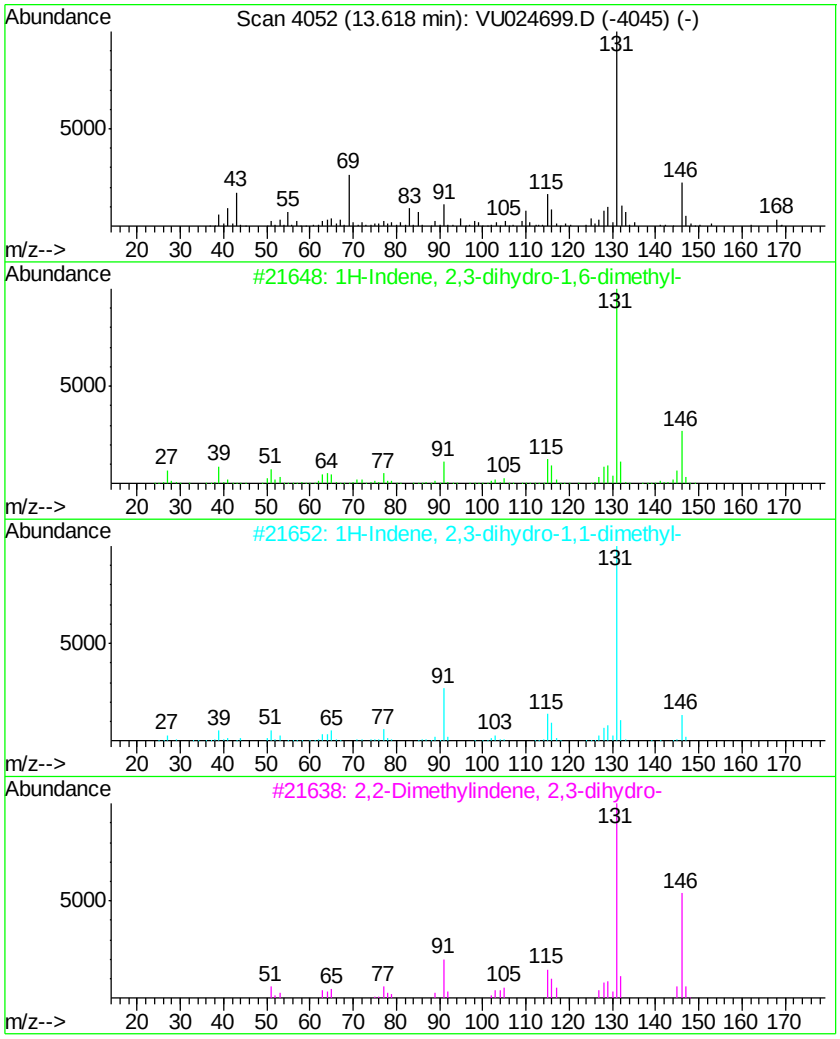
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

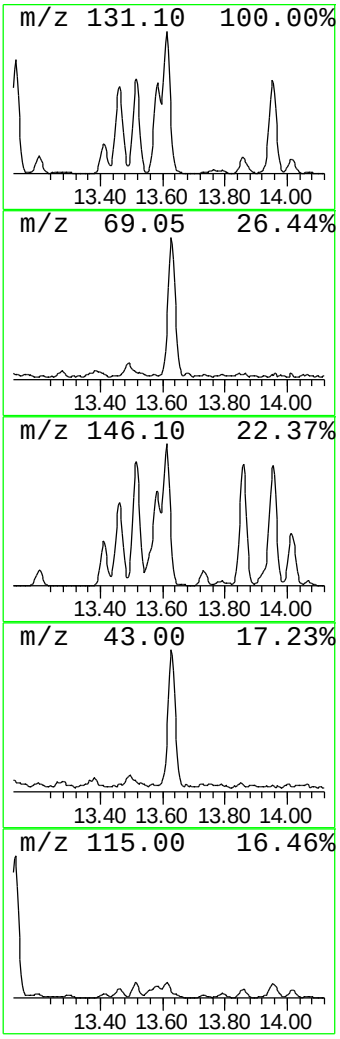
****

Peak Number 7 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	31.68 ug/l	563204	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	94
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
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	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024699.D
Acq On : 18 Jun 2018 18:13
Operator : MD/SY
Sample : J3463-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-4-9.0-061218

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

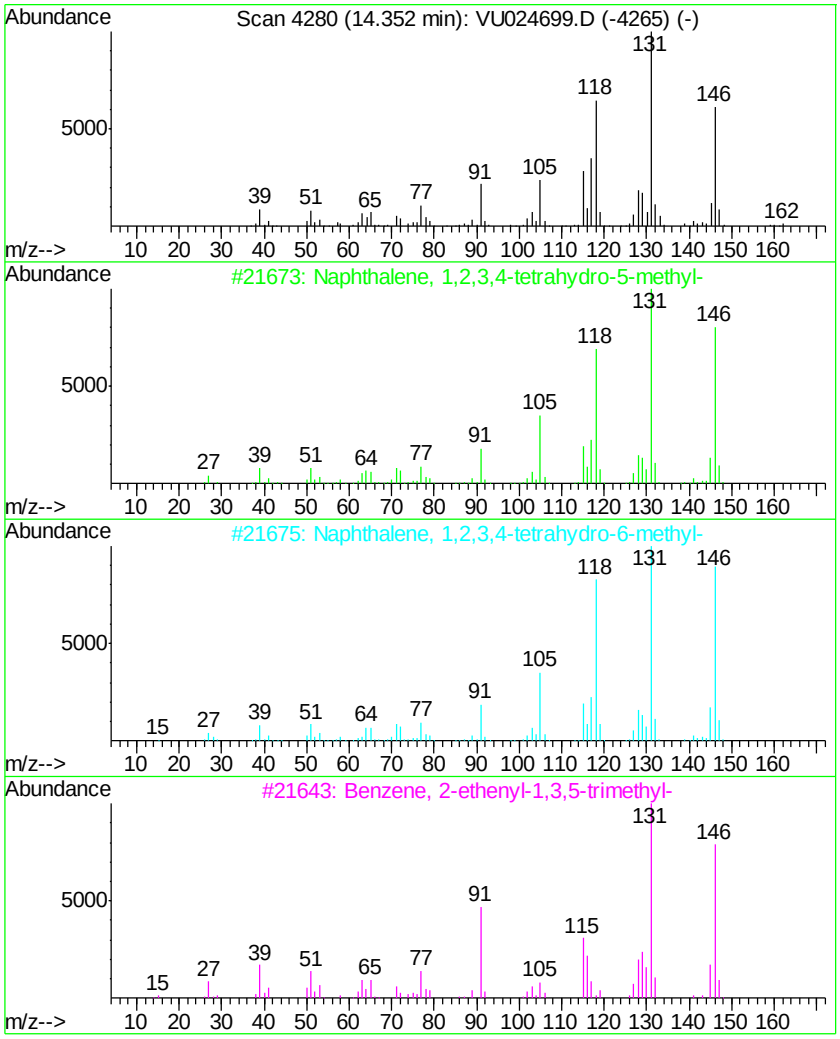
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

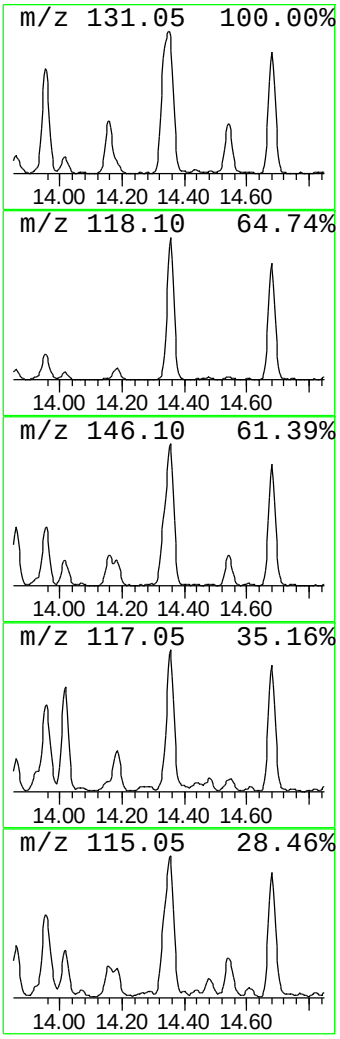
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	45.69 ug/l	812333	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	97
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	86
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	80
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024699.D
Acq On : 18 Jun 2018 18:13
Operator : MD/SY
Sample : J3463-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-4-9.0-061218

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

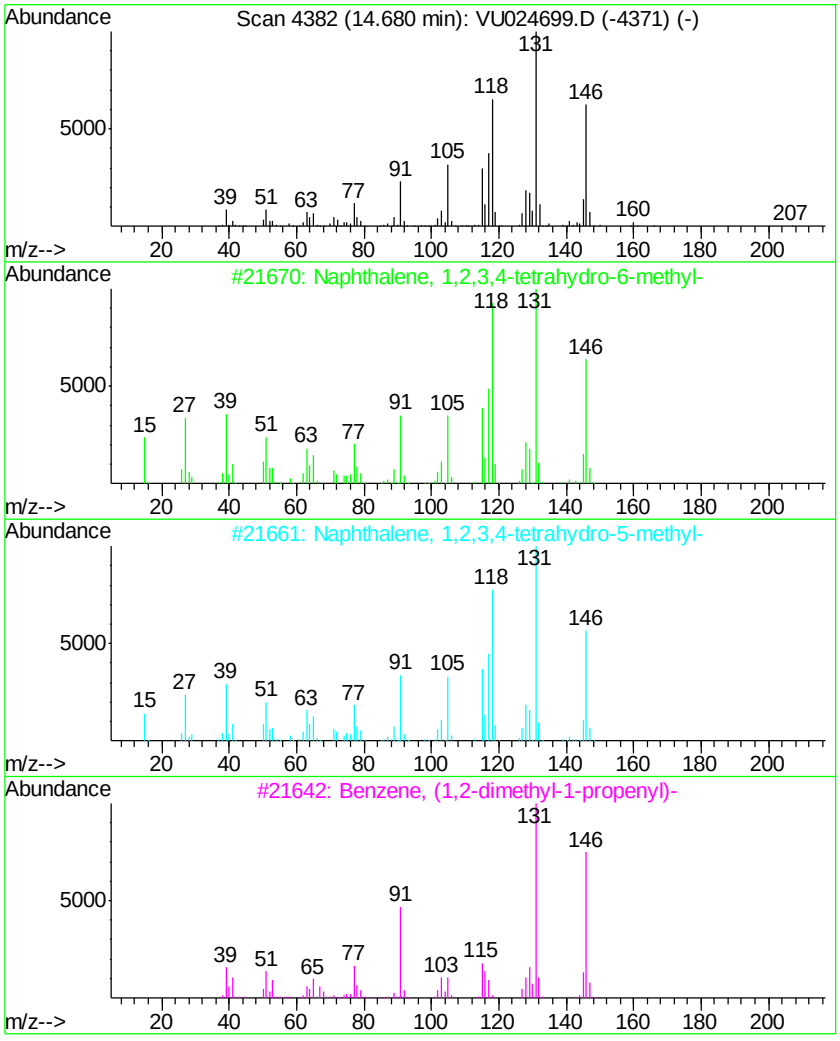
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

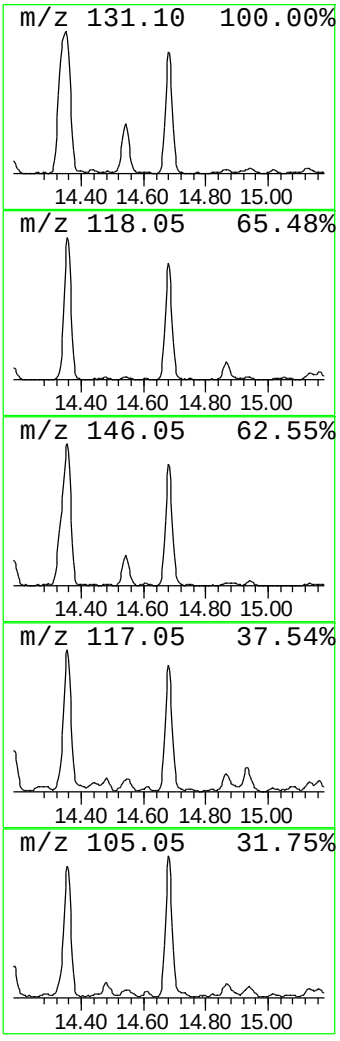
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	32.08 ug/l	570395	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	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	92
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024699.D
Acq On : 18 Jun 2018 18:13
Operator : MD/SY
Sample : J3463-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-4-9.0-061218

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	95.7	ug/l	1701030	4	11.49	888886	50.0
Benzene, 2-ethyl-...	12.26	61.9	ug/l	1099870	4	11.49	888886	50.0
Benzene, (2-methy...	12.36	86.3	ug/l	1533880	4	11.49	888886	50.0
Benzene, 1,2,3,4-...	12.65	57.4	ug/l	1020230	4	11.49	888886	50.0
Benzene, 2-butenyl-	13.12	208.0	ug/l	3697130	4	11.49	888886	50.0
1H-Indene, 2,3-di...	13.62	31.7	ug/l	563204	4	11.49	888886	50.0
Naphthalene, 1,2,...	14.35	45.7	ug/l	812333	4	11.49	888886	50.0
Naphthalene, 1,2,...	14.68	32.1	ug/l	570395	4	11.49	888886	50.0