LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024683.D
Acq On : 18 Jun 2018 11:47
Operator : MD/SY
Sample : J3463-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-10-8.0-061218

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	140	155	178	rBV	2007581	2194956	100.00%	12.911%
2	1.471	264	274	292	rBV2	13625	45452	2.07%	0.267%
3	2.323	529	539	552	rVB	28666	45984	2.09%	0.270%
4	2.442	565	576	588	rBV	28413	49247	2.24%	0.290%
5	2.825	680	695	712	rVB3	16084	37101	1.69%	0.218%
6	3.002	734	750	771	rBV	139761	308632	14.06%	1.815%
7	4.889	1321	1337	1354	rBV2	186740	423461	19.29%	2.491%
8	4.989	1354	1368	1389	rVB	250478	553926	25.24%	3.258%
9	5.313	1455	1469	1498	rBV	183490	394176	17.96%	2.319%
10	5.892	1634	1649	1669	rBV	367292	722455	32.91%	4.250%
11	7.570	2153	2171	2189	rBV	681394	1196751	54.52%	7.040%
12	9.095	2631	2645	2670	rBV	512450	872304	39.74%	5.131%
13	10.168	2968	2979	2993	rVB2	15963	26740	1.22%	0.157%
14	10.310	3011	3023	3047	rBV	502888	811122	36.95%	4.771%
15	11.326	3333	3339	3355	rVB	15530	25100	1.14%	0.148%
16	11.487	3377	3389	3407	rBV	562457	910828	41.50%	5.358%
17	11.693	3444	3453	3463	rBV2	24709	39745	1.81%	0.234%
18	11.783	3463	3481	3496	rBV4	91261	192951	8.79%	1.135%
19	11.873	3501	3509	3526	rVB6	16309	38518	1.75%	0.227%
20	11.985	3535	3544	3559	rVB	52070	81448	3.71%	0.479%
21	12.255	3615	3628	3634	rBV	259657	394409	17.97%	2.320%
22	12.287	3634	3638	3649	rVV	105023	147946	6.74%	0.870%
23	12.358	3649	3660	3682	rVV2	310185	609833	27.78%	3.587%
24	12.541	3707	3717	3726	rVB	40221	62833	2.86%	0.370%
25	12.651	3733	3751	3765	rBV	280792	453642	20.67%	2.668%
26	12.789	3784	3794	3806	rVB3	27039	45792	2.09%	0.269%
27	12.882	3813	3823	3830	rBV	24748	40323	1.84%	0.237%
28	12.930	3830	3838	3842	rBV3	27802	41648	1.90%	0.245%
29	12.966	3842	3849	3858	rVB	110028	160176	7.30%	0.942%
30	13.123	3878	3898	3916	rBV2	1102085	1820635	82.95%	10.710%
31	13.297	3946	3952	3969	rVB4	20183	38054	1.73%	0.224%
32	13.409	3979	3987	3994	rBV2	20669	30945	1.41%	0.182%
33	13.458	3994	4002	4010	rVV2	64313	104750	4.77%	0.616%
34	13.512	4010	4019	4027	rVV	140530	215012	9.80%	1.265%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024683.D
Acq On : 18 Jun 2018 11:47
Operator : MD/SY
Sample : J3463-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-10-8.0-061218

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	13.580	4028	4040	4044	rVV2	81031	154264	7.03%	0.907%
36	13.615	4045	4051	4070	rVB3	142922	339398	15.46%	1.996%
37	13.737	4078	4089	4097	rBV3	29153	57925	2.64%	0.341%
38	13.792	4098	4106	4116	rVB	48058	73909	3.37%	0.435%
39	13.856	4116	4126	4139	rVB3	78505	122523	5.58%	0.721%
40	13.956	4139	4157	4168	rBV2	116811	247693	11.28%	1.457%
41	14.014	4168	4175	4186	rVB3	53059	86263	3.93%	0.507%
42	14.155	4209	4219	4225	rBV2	77888	138177	6.30%	0.813%
43	14.352	4264	4280	4300	rBV4	192813	458844	20.90%	2.699%
44	14.480	4311	4320	4329	rVB2	53172	83264	3.79%	0.490%
45	14.541	4329	4339	4353	rVB4	105796	190104	8.66%	1.118%
46	14.609	4353	4360	4370	rVB3	19281	29549	1.35%	0.174%
47	14.680	4370	4382	4397	rBV2	224913	391764	17.85%	2.304%
48	14.866	4432	4440	4453	rBV6	25678	54900	2.50%	0.323%
49	14.937	4453	4462	4477	rVB4	41441	94661	4.31%	0.557%
50	15.085	4495	4508	4516	rBV3	45725	89784	4.09%	0.528%
51	15.130	4516	4522	4532	rBV5	15139	23697	1.08%	0.139%
52	15.255	4552	4561	4573	rVB5	14036	32009	1.46%	0.188%
53	15.589	4651	4665	4683	rVB3	40614	87365	3.98%	0.514%
54	15.802	4721	4731	4737	rBV	44097	73634	3.35%	0.433%
55	15.837	4737	4742	4753	rVB	43771	69687	3.17%	0.410%
56	15.917	4754	4767	4794	rBV	109131	228263	10.40%	1.343%
57	16.062	4801	4812	4833	rVB	272130	441354	20.11%	2.596%
58	16.178	4838	4848	4862	rBV6	18574	36051	1.64%	0.212%
59	16.265	4862	4875	4878	rBV2	42392	66823	3.04%	0.393%
60	16.290	4878	4883	4902	rVB4	65284	113998	5.19%	0.671%
61	16.435	4918	4928	4940	rBV3	34013	55131	2.51%	0.324%
62	16.741	5013	5023	5032	rBV2	12408	22122	1.01%	0.130%

Sum of corrected areas: 17000051

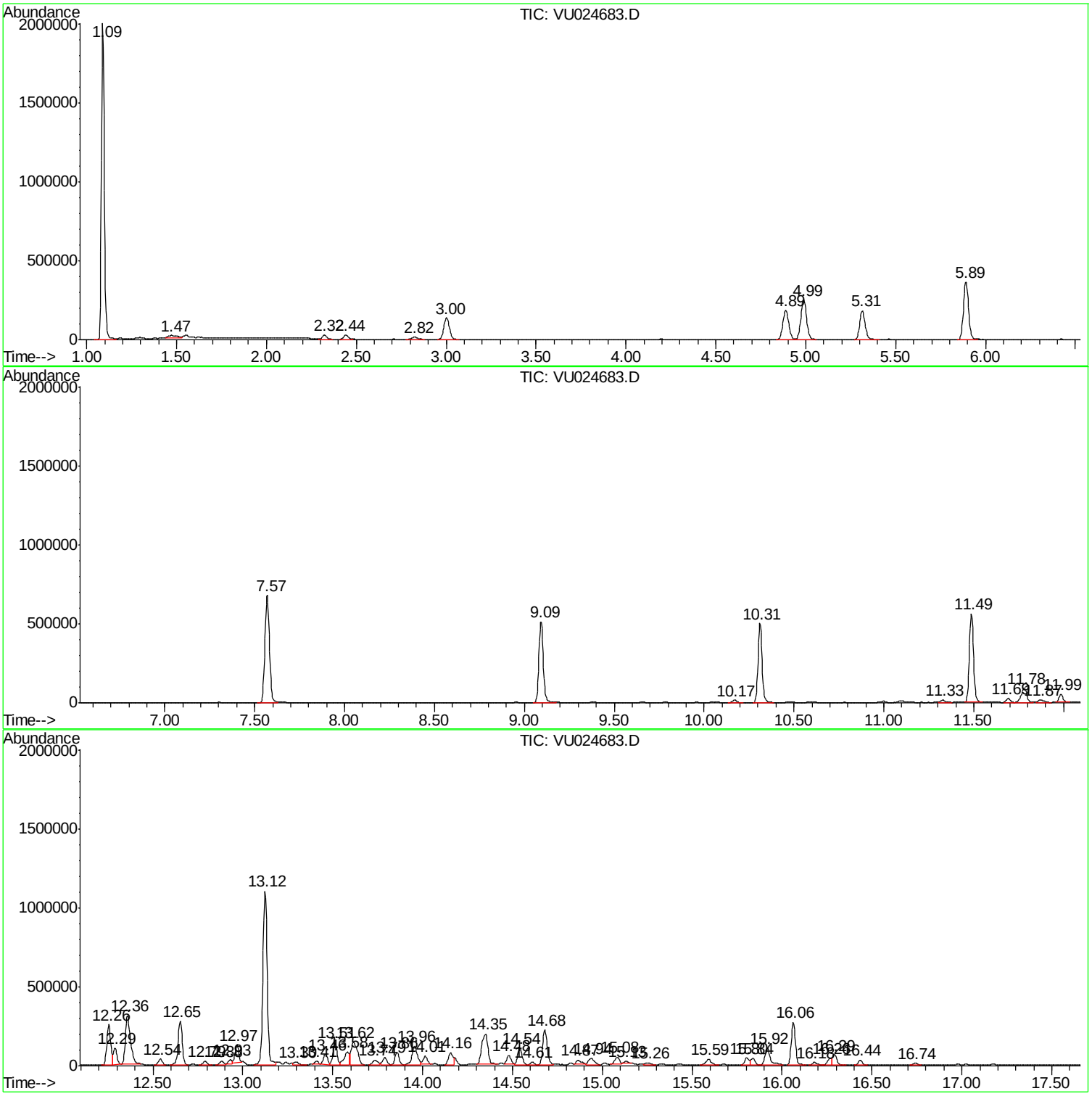
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024683.D
Acq On : 18 Jun 2018 11:47
Operator : MD/SY
Sample : J3463-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-10-8.0-061218

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024683.D
Acq On : 18 Jun 2018 11:47
Operator : MD/SY
Sample : J3463-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-10-8.0-061218

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

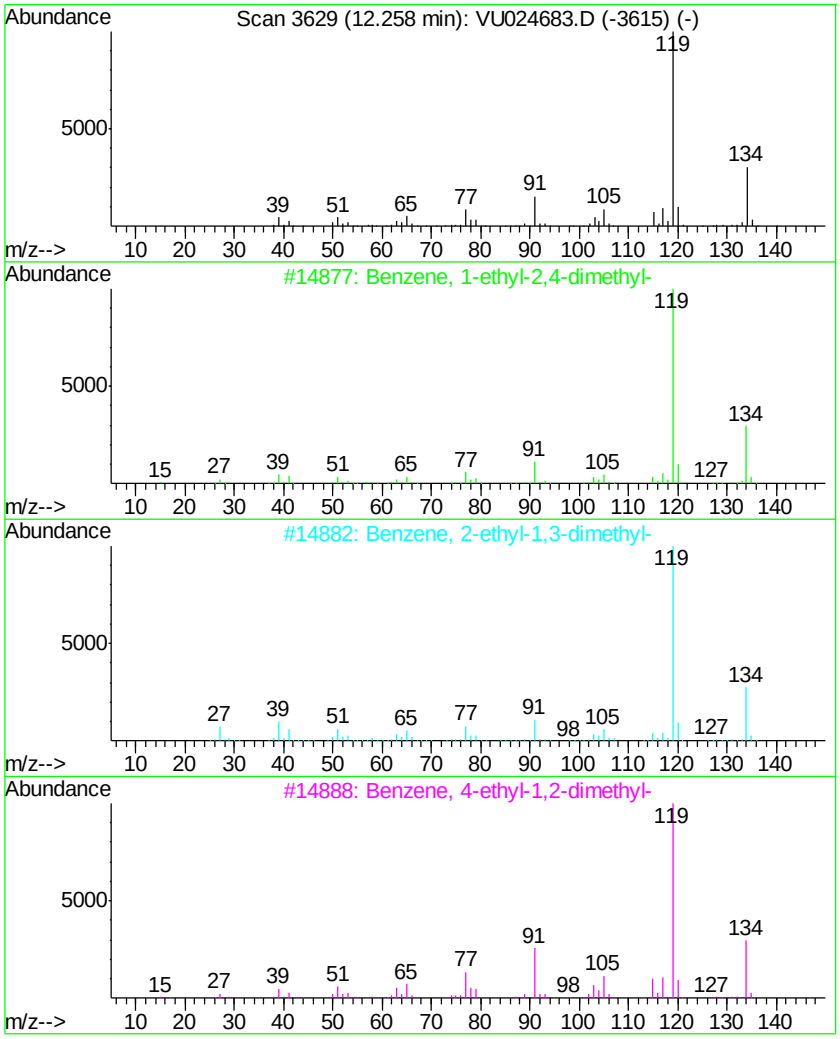
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

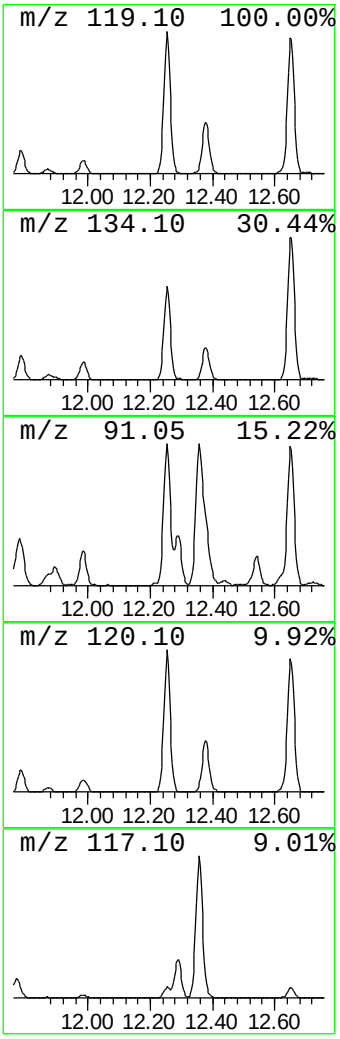
****

Peak Number 2 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	21.65 ug/l	394409	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	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024683.D
Acq On : 18 Jun 2018 11:47
Operator : MD/SY
Sample : J3463-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-10-8.0-061218

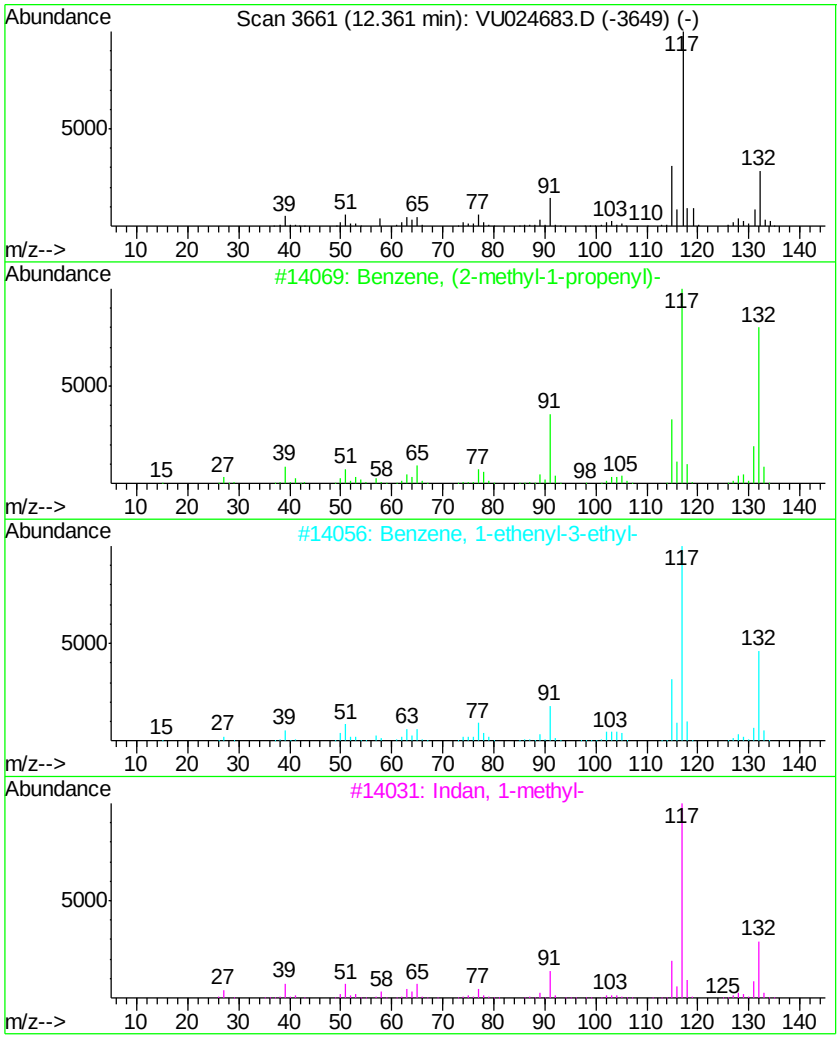
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

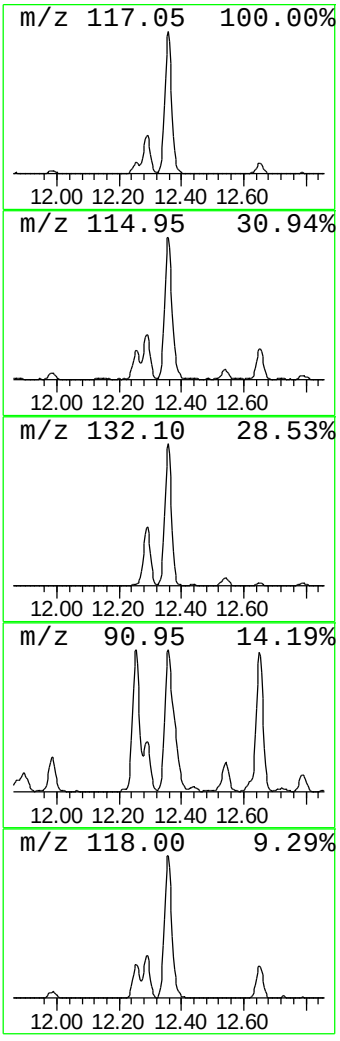
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, (2-methyl-1-propen... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	33.48 ug/l	609833	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, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024683.D
Acq On : 18 Jun 2018 11:47
Operator : MD/SY
Sample : J3463-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-10-8.0-061218

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

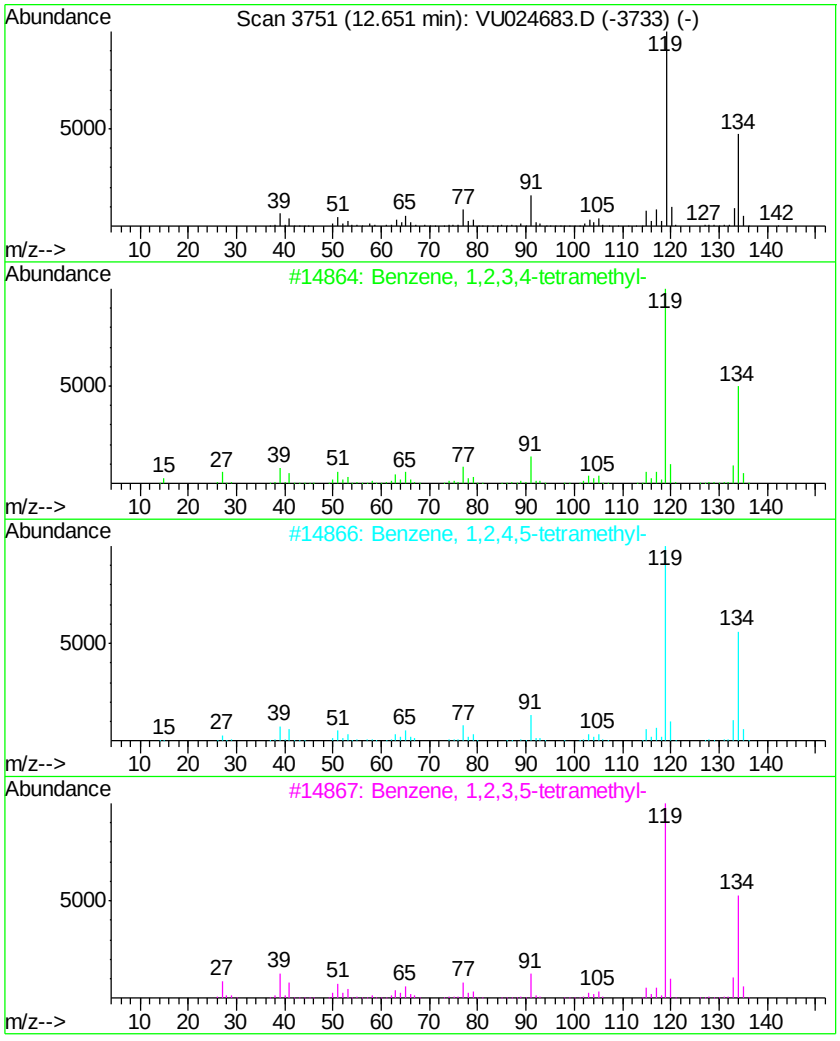
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

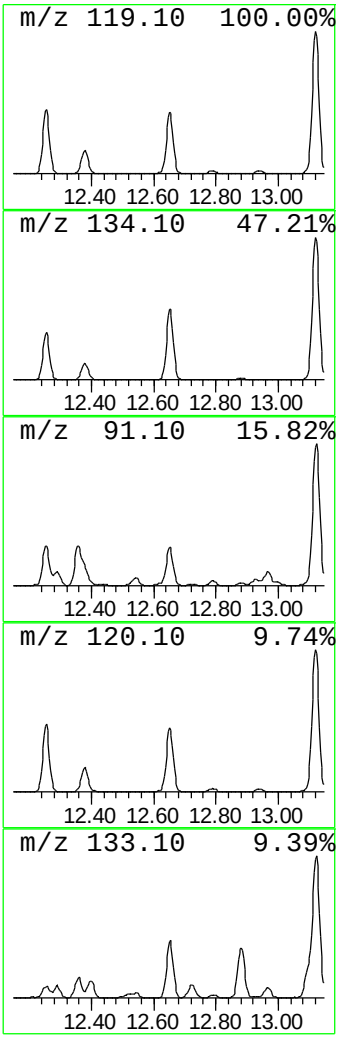
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	24.90 ug/l	453642	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-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024683.D
Acq On : 18 Jun 2018 11:47
Operator : MD/SY
Sample : J3463-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-10-8.0-061218

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

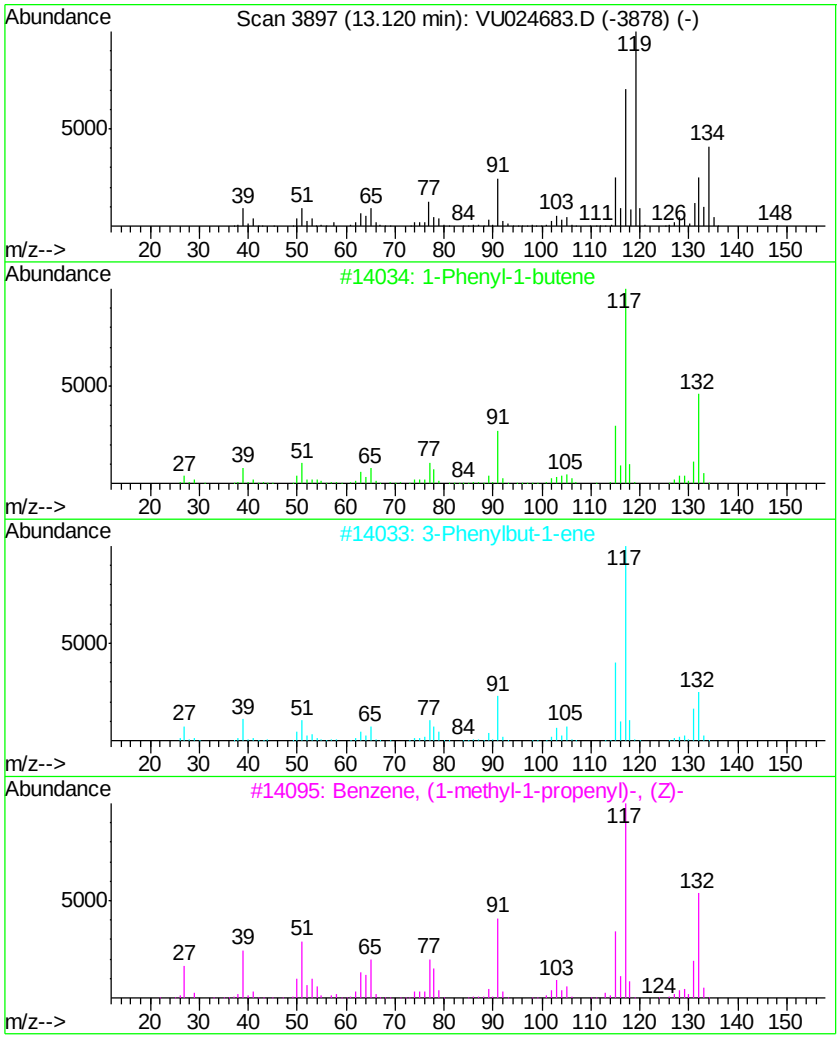
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

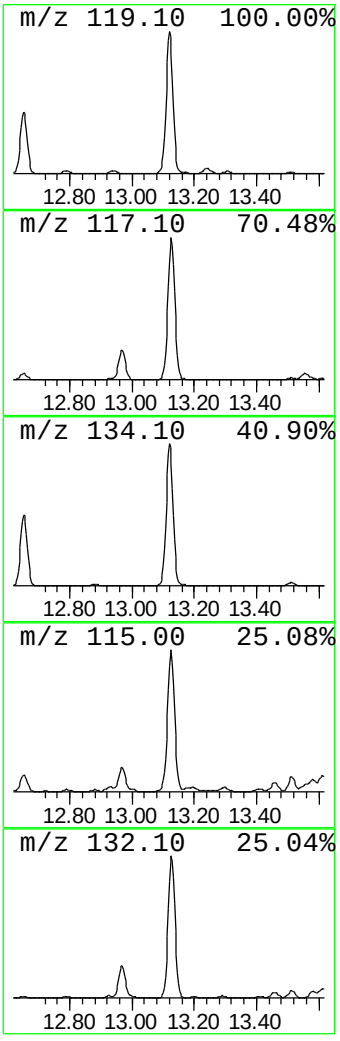
****

Peak Number 5 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	99.94 ug/l	1820640	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024683.D
Acq On : 18 Jun 2018 11:47
Operator : MD/SY
Sample : J3463-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-10-8.0-061218

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

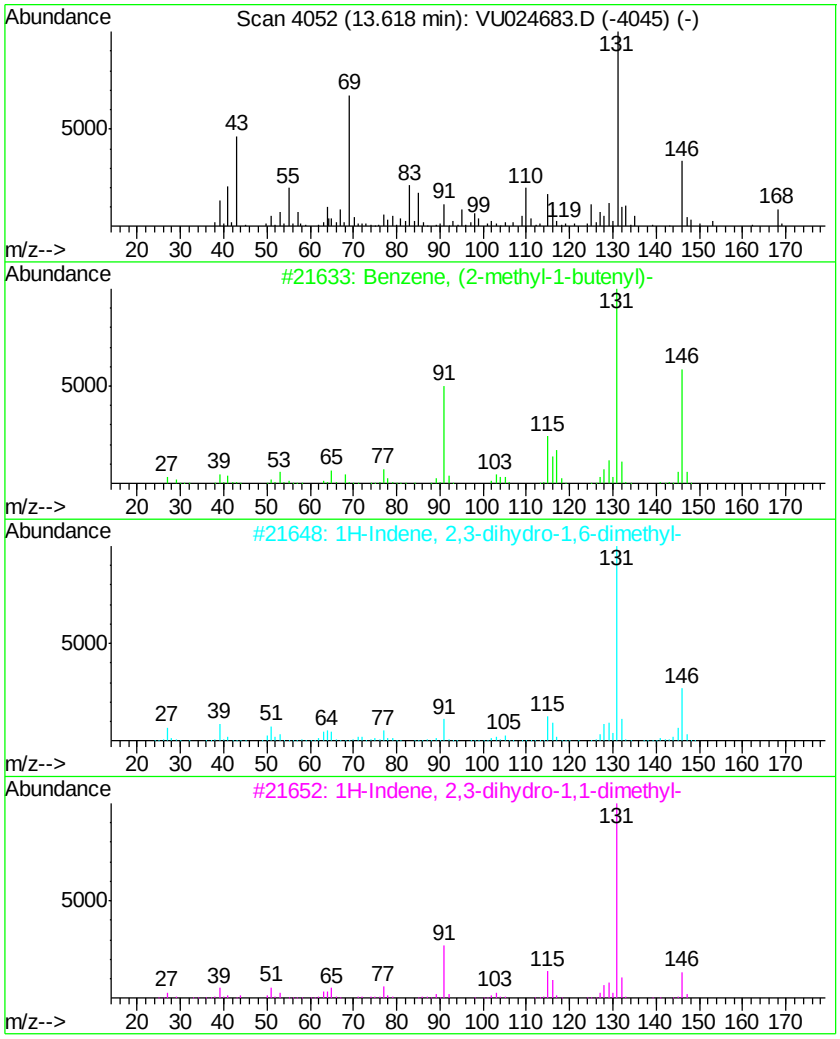
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

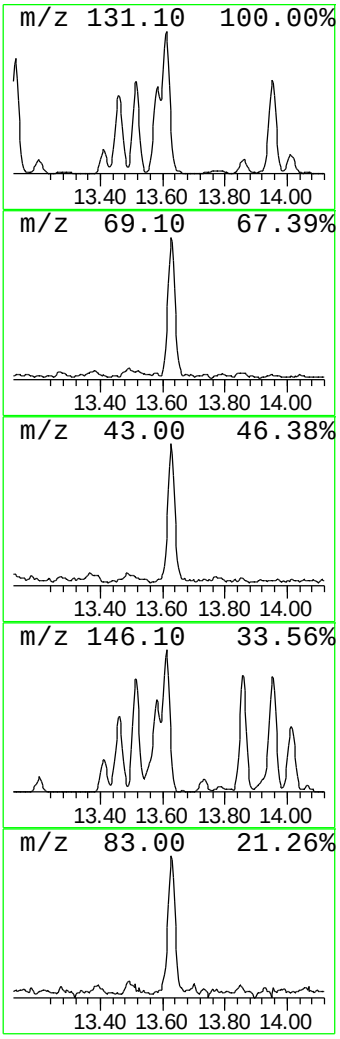
****

Peak Number 6 Benzene, (2-methyl-1-butenyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	18.63 ug/l	339398	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	87
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	83
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	83
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	83
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024683.D
Acq On : 18 Jun 2018 11:47
Operator : MD/SY
Sample : J3463-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-10-8.0-061218

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

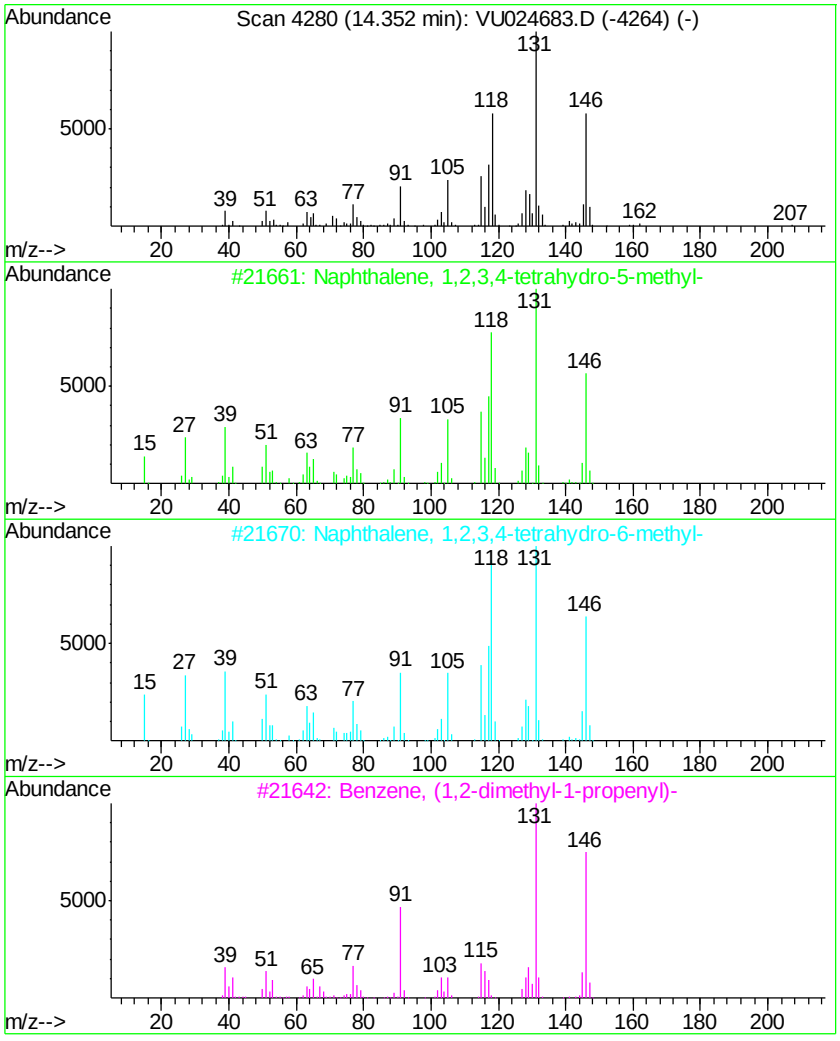
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

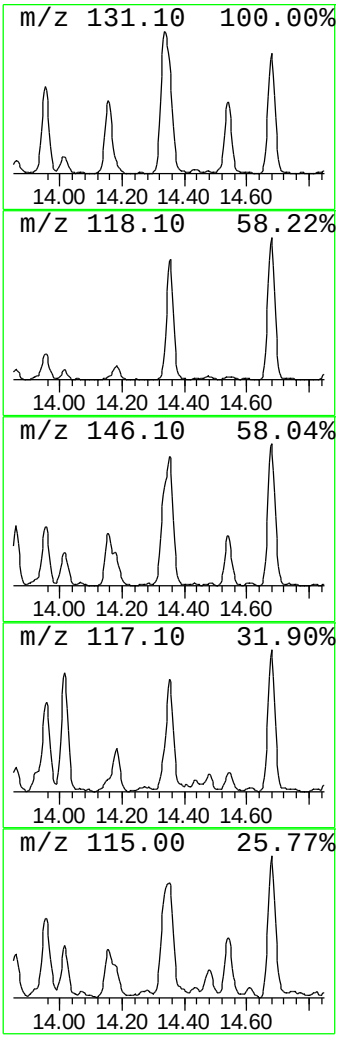
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	25.19 ug/l	458844	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	95
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024683.D
Acq On : 18 Jun 2018 11:47
Operator : MD/SY
Sample : J3463-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-10-8.0-061218

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

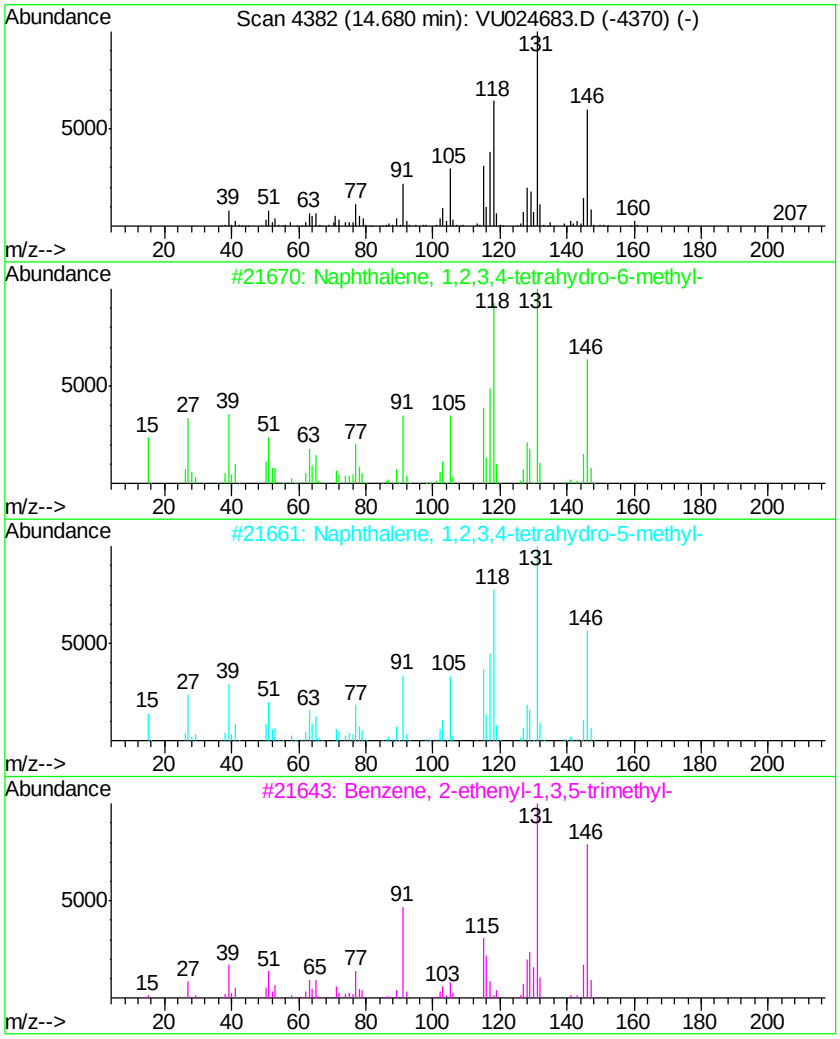
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

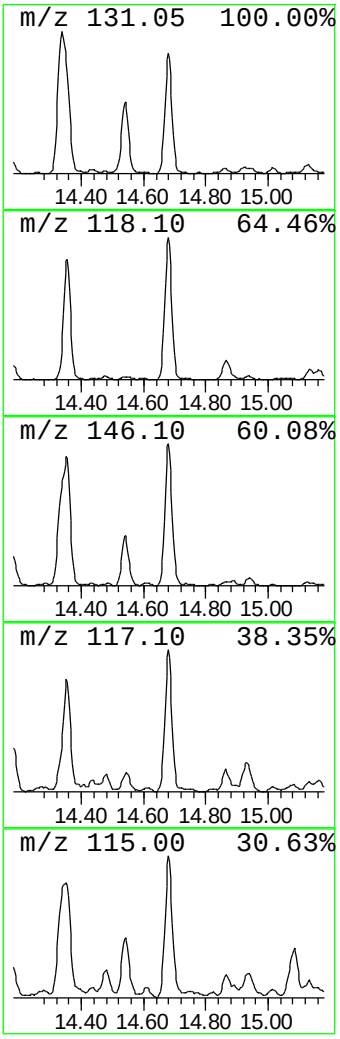
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	21.51 ug/l	391764	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, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	86
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024683.D
Acq On : 18 Jun 2018 11:47
Operator : MD/SY
Sample : J3463-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-10-8.0-061218

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

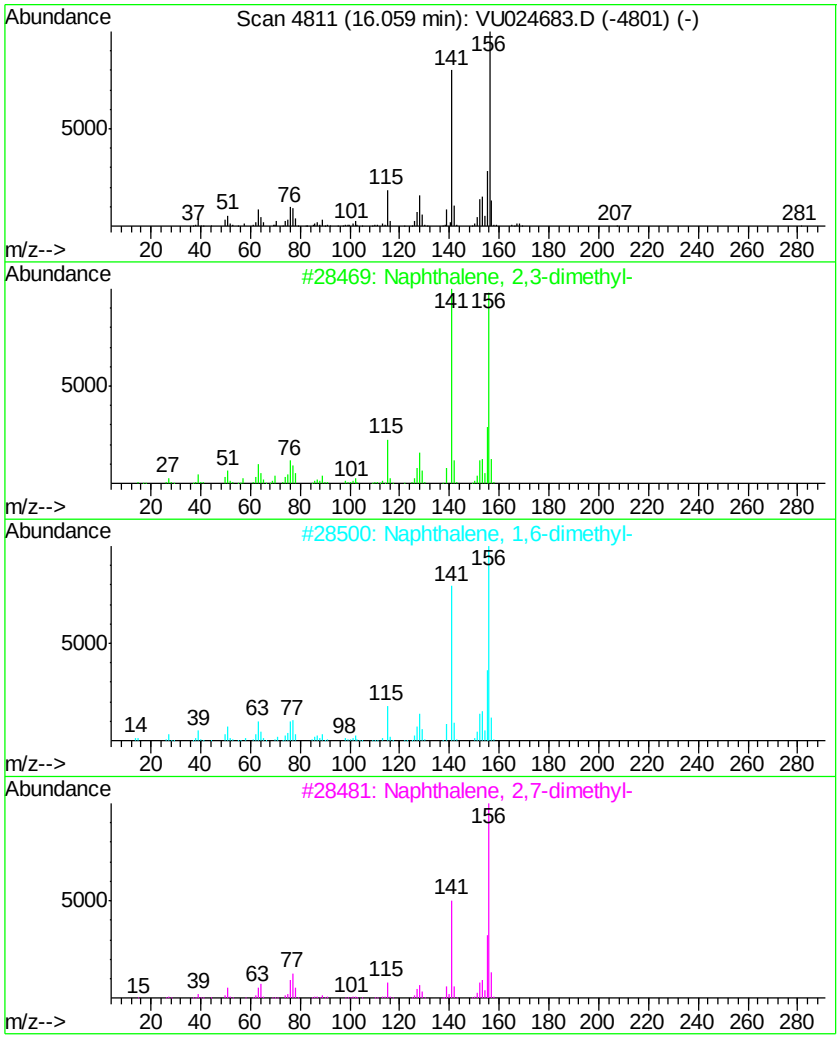
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

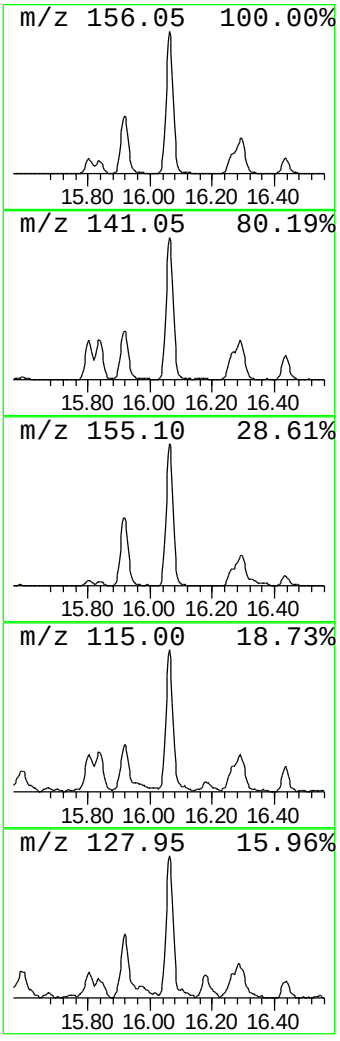
****

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	24.23 ug/l	441354	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024683.D
Acq On : 18 Jun 2018 11:47
Operator : MD/SY
Sample : J3463-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-10-8.0-061218

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
Benzene, 1-ethyl-...	12.26	21.6	ug/l	394409	4	11.49	910828	50.0
Benzene, (2-methy...	12.36	33.5	ug/l	609833	4	11.49	910828	50.0
Benzene, 1,2,3,4-...	12.65	24.9	ug/l	453642	4	11.49	910828	50.0
1-Phenyl-1-butene	13.12	99.9	ug/l	1820640	4	11.49	910828	50.0
Benzene, (2-methy...	13.62	18.6	ug/l	339398	4	11.49	910828	50.0
Naphthalene, 1,2,...	14.35	25.2	ug/l	458844	4	11.49	910828	50.0
Naphthalene, 1,2,...	14.68	21.5	ug/l	391764	4	11.49	910828	50.0
Naphthalene, 2,3-...	16.06	24.2	ug/l	441354	4	11.49	910828	50.0