LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025882.D
Acq On : 06 Aug 2018 13:46
Operator : MD/SY
Sample : J4278-05
Misc : 7.59g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EO-03-080118-C

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\82U072718W.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	1.082	144	153	170	rBV	649375	713575	67.14%	5.665%
2	1.577	284	307	308	rBV8	19041	38874	3.66%	0.309%
3	1.619	308	320	326	rVV4	14848	33288	3.13%	0.264%
4	2.683	642	651	668	rVB2	12980	25160	2.37%	0.200%
5	2.834	683	698	710	rBV2	10137	23079	2.17%	0.183%
6	4.882	1316	1335	1351	rBV3	159479	380709	35.82%	3.022%
7	4.979	1351	1365	1387	rVB	217301	490667	46.17%	3.895%
8	5.310	1452	1468	1486	rBV	166937	366201	34.46%	2.907%
9	5.886	1632	1647	1674	rBV	311416	629454	59.22%	4.997%
10	6.410	1800	1810	1821	rBV5	7217	13395	1.26%	0.106%
11	7.567	2150	2170	2189	rBV	588533	1050631	98.85%	8.341%
12	8.484	2449	2455	2466	rVB6	9006	14608	1.37%	0.116%
13	9.094	2632	2645	2663	rVV	478922	816494	76.82%	6.482%
14	9.445	2747	2754	2765	rVB3	10016	15094	1.42%	0.120%
15	9.721	2827	2840	2851	rBV8	5751	12297	1.16%	0.098%
16	10.313	3012	3024	3055	rVB	520974	849251	79.90%	6.742%
17	10.458	3060	3069	3075	rBV5	6412	10858	1.02%	0.086%
18	10.692	3133	3142	3147	rBV8	8256	16477	1.55%	0.131%
19	10.763	3154	3164	3173	rBV5	10051	25032	2.36%	0.199%
20	10.818	3173	3181	3191	rVB2	37688	57089	5.37%	0.453%
21	10.975	3212	3230	3240	rBV6	14853	38795	3.65%	0.308%
22	11.117	3267	3274	3279	rBV5	13789	21206	2.00%	0.168%
23	11.152	3279	3285	3296	rVB2	20046	31678	2.98%	0.251%
24	11.274	3313	3323	3329	rBV10	6348	14145	1.33%	0.112%
25	11.329	3329	3340	3352	rVB7	11509	25121	2.36%	0.199%
26	11.400	3353	3362	3369	rBV4	16275	30105	2.83%	0.239%
27	11.487	3378	3389	3401	rBV	672136	1062830	100.00%	8.438%
28	11.573	3409	3416	3423	rBV	33037	44055	4.15%	0.350%
29	11.612	3424	3428	3438	rVB4	16419	20898	1.97%	0.166%
30	11.705	3450	3457	3468	rVB3	23600	35730	3.36%	0.284%
31	11.782	3469	3481	3485	rBV5	23727	45372	4.27%	0.360%
32	11.815	3485	3491	3498	rVV2	40177	62080	5.84%	0.493%
33	11.876	3498	3510	3525	rVB6	67990	175833	16.54%	1.396%
34	12.027	3548	3557	3564	rBV2	114214	162420	15.28%	1.289%

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Sample : J4278-05
Misc : 7.59g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EO-03-080118-C

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Title : SW846 8260

35	12.149	3588	3595	3599	rBV	26697	37869	3.56%	0.301%
36	12.181	3600	3605	3613	rVB4	36551	55793	5.25%	0.443%
37	12.361	3653	3661	3667	rBV3	42590	71928	6.77%	0.571%
38	12.403	3668	3674	3683	rVB4	30088	56002	5.27%	0.445%
39	12.516	3696	3709	3716	rBV8	68752	136965	12.89%	1.087%
40	12.615	3731	3740	3745	rBV4	53576	85551	8.05%	0.679%
41	12.651	3746	3751	3760	rVB5	50772	76401	7.19%	0.607%
42	12.705	3760	3768	3787	rVB6	70589	180309	16.96%	1.431%
43	12.792	3787	3795	3801	rBV5	42799	80485	7.57%	0.639%
44	12.966	3842	3849	3862	rVB4	96859	159926	15.05%	1.270%
45	13.036	3863	3871	3880	rBV5	58873	102018	9.60%	0.810%
46	13.088	3881	3887	3890	rBV4	28467	34667	3.26%	0.275%
47	13.126	3891	3899	3915	rVV4	245677	419617	39.48%	3.331%
48	13.290	3940	3950	3958	rBV3	135523	250093	23.53%	1.986%
49	13.406	3979	3986	3994	rVB4	50695	72586	6.83%	0.576%
50	13.461	3995	4003	4010	rBV2	58758	84516	7.95%	0.671%
51	13.512	4011	4019	4027	rBV4	88532	153224	14.42%	1.216%
52	13.615	4046	4051	4057	rBV	33331	39077	3.68%	0.310%
53	13.792	4098	4106	4115	rBV8	57566	101584	9.56%	0.806%
54	13.860	4118	4127	4133	rBV3	107777	176462	16.60%	1.401%
55	13.953	4148	4156	4164	rBV4	106452	179672	16.91%	1.426%
56	14.152	4209	4218	4232	rBV3	89303	192895	18.15%	1.531%
57	14.351	4267	4280	4291	rBV2	290550	575200	54.12%	4.567%
58	14.480	4315	4320	4328	rBV3	31339	40704	3.83%	0.323%
59	14.548	4336	4341	4351	rVB3	89209	147862	13.91%	1.174%
60	14.609	4352	4360	4373	rBV10	32596	72537	6.82%	0.576%
61	14.679	4374	4382	4393	rBV2	145070	254329	23.93%	2.019%
62	14.866	4432	4440	4454	rBV2	195628	347670	32.71%	2.760%
63	14.937	4456	4462	4473	rVB4	90705	154509	14.54%	1.227%
64	15.014	4480	4486	4495	rBV4	47952	85226	8.02%	0.677%
65	15.130	4516	4522	4529	rBV5	53013	71995	6.77%	0.572%
66	15.242	4550	4557	4569	rVB3	63552	130725	12.30%	1.038%
67	15.429	4604	4615	4623	rBV7	38805	79778	7.51%	0.633%
68	15.589	4658	4665	4681	rVB	136305	293791	27.64%	2.332%
69	15.670	4683	4690	4696	rBV5	39439	58946	5.55%	0.468%
70	15.814	4727	4735	4743	rBV5	53664	89779	8.45%	0.713%
71	16.065	4807	4813	4822	rVB8	58184	92747	8.73%	0.736%

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Sample : J4278-05
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ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EO-03-080118-C

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\82U072718W.M
Title : SW846 8260

Sum of corrected areas: 12595939

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
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Acq On : 06 Aug 2018 13:46
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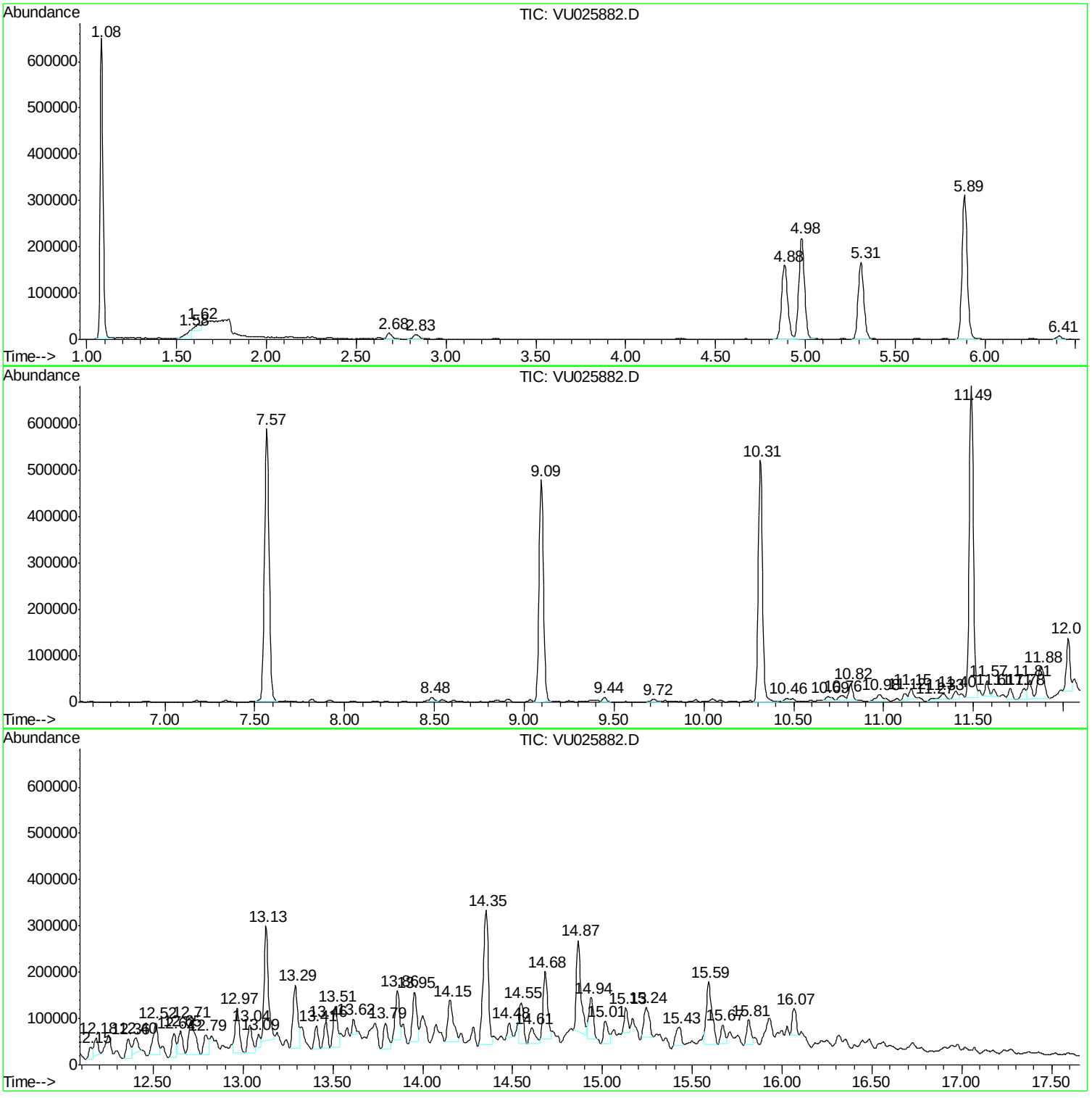
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EO-03-080118-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025882.D
Acq On : 06 Aug 2018 13:46
Operator : MD/SY
Sample : J4278-05
Misc : 7.59g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EO-03-080118-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

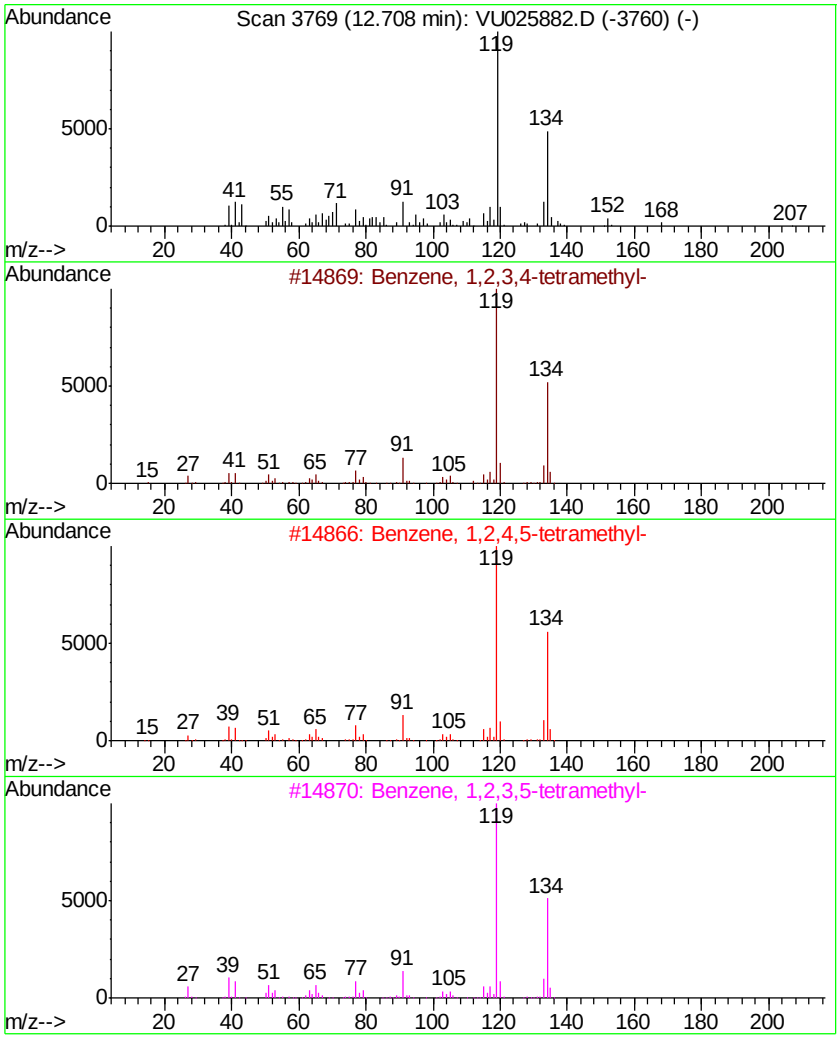
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

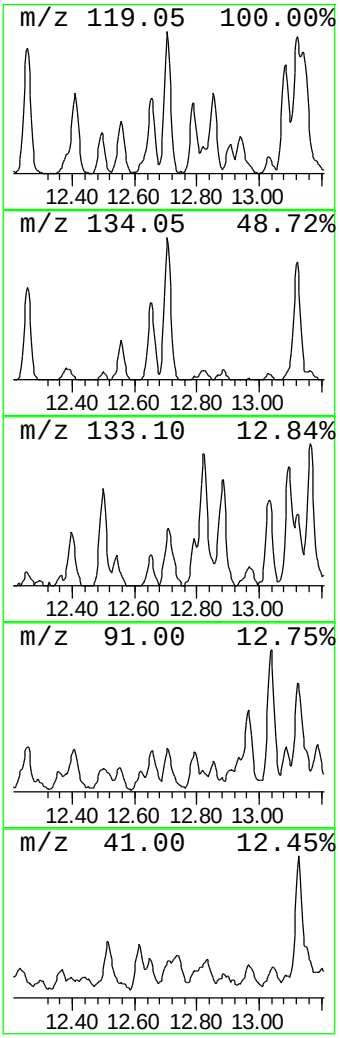
****

Peak Number 2 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	8.48 ug/l	180309	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	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025882.D
Acq On : 06 Aug 2018 13:46
Operator : MD/SY
Sample : J4278-05
Misc : 7.59g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EO-03-080118-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

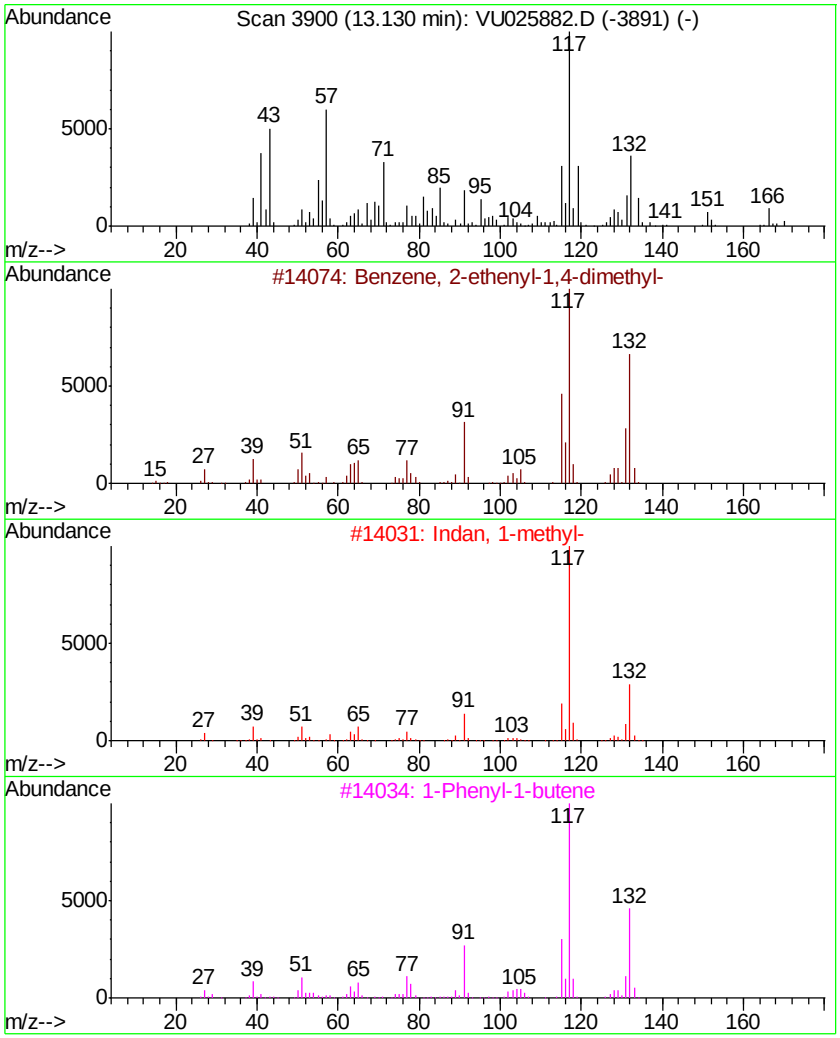
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

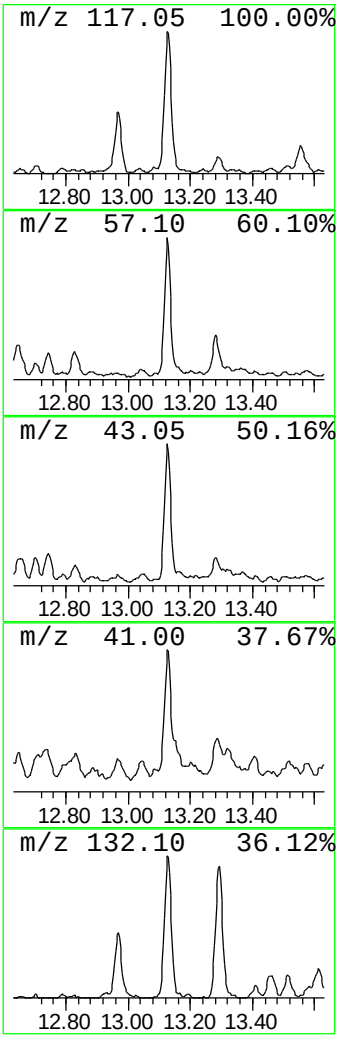
****

Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	19.74 ug/l	419617	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	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	70
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025882.D
Acq On : 06 Aug 2018 13:46
Operator : MD/SY
Sample : J4278-05
Misc : 7.59g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EO-03-080118-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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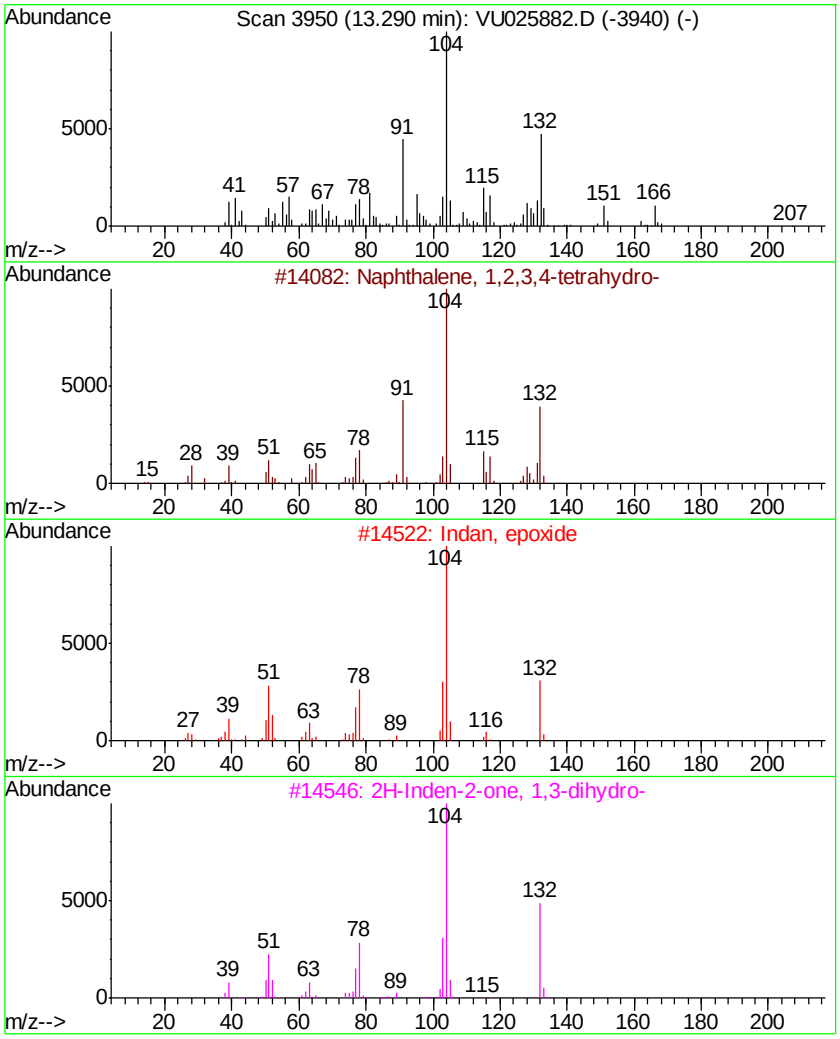
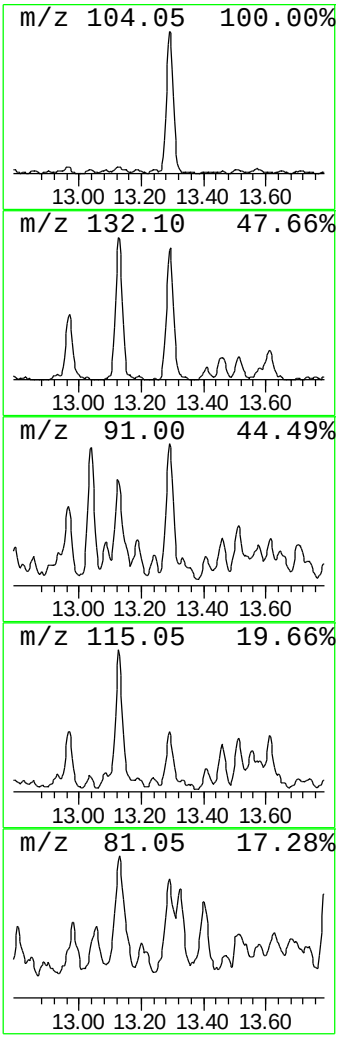
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	11.77 ug/l	250093	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Indan, epoxide	132	C9H8O	000768-22-9	49
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	47
4	Benzene, cyclobutyl-	132	C10H12	004392-30-7	43
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	38





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ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EO-03-080118-C

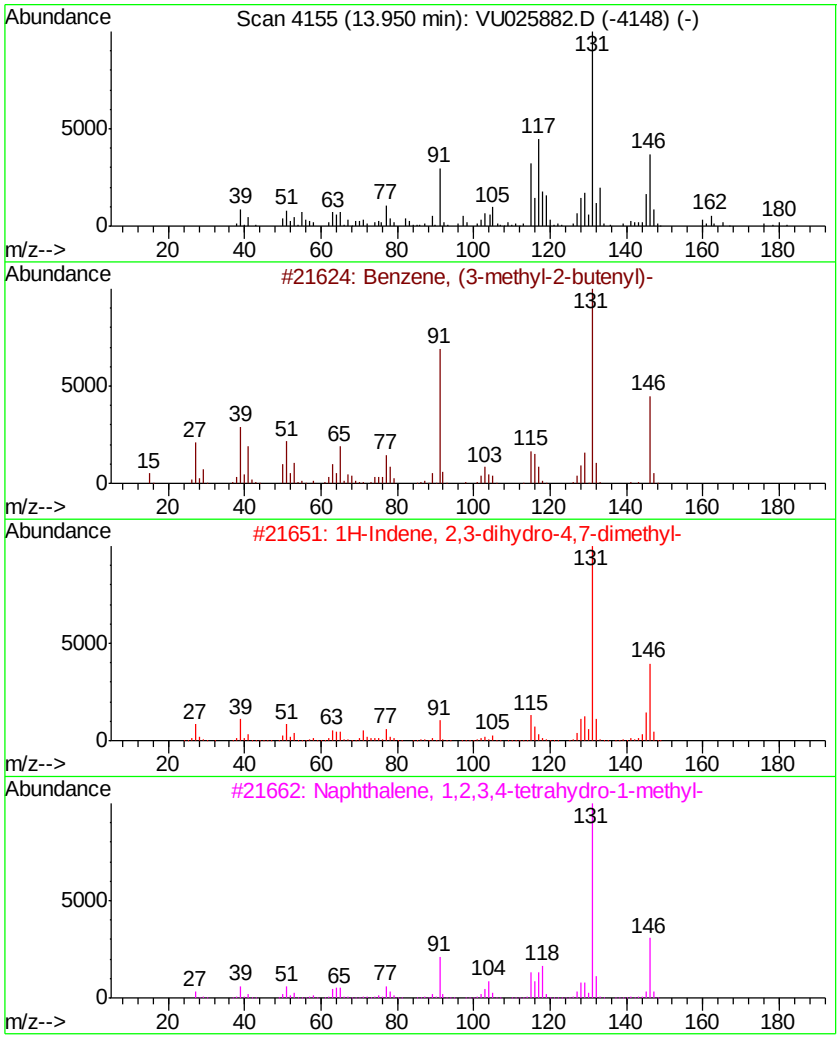
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

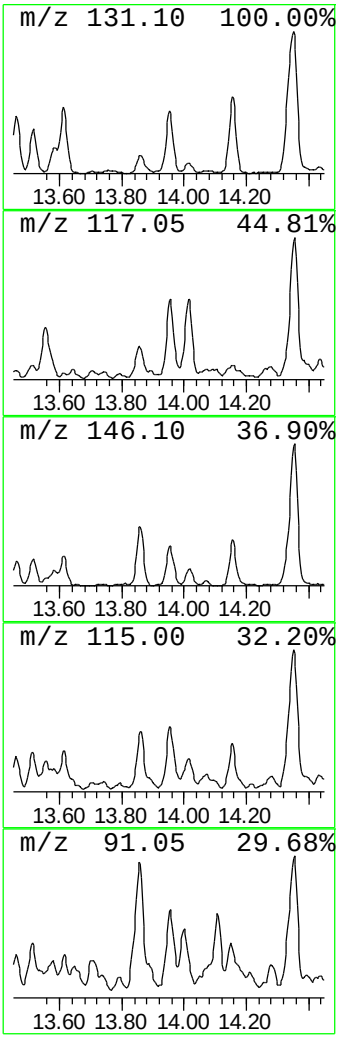
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (3-methyl-2-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	8.45 ug/l	179672	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	64





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Instrument : MSVOA_U
ClientSampleId : EO-03-080118-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

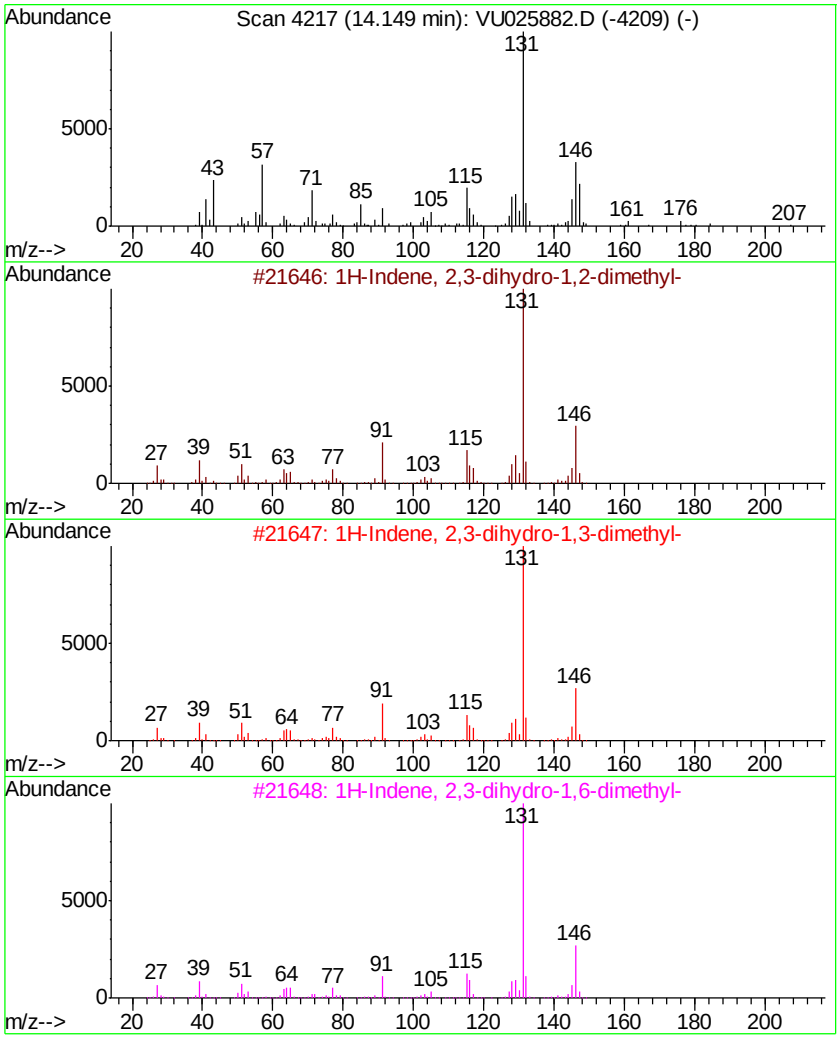
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

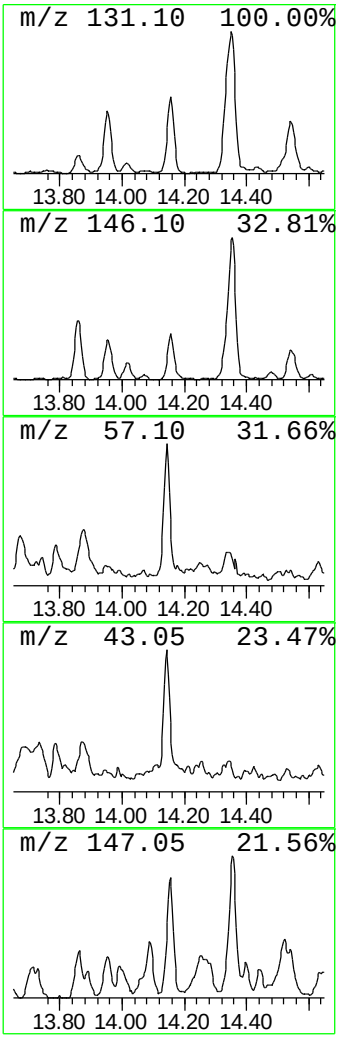
****

Peak Number 6 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	9.07 ug/l	192895	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	83
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	83
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	83





Library Search Compound Report

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ClientSampleId : EO-03-080118-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

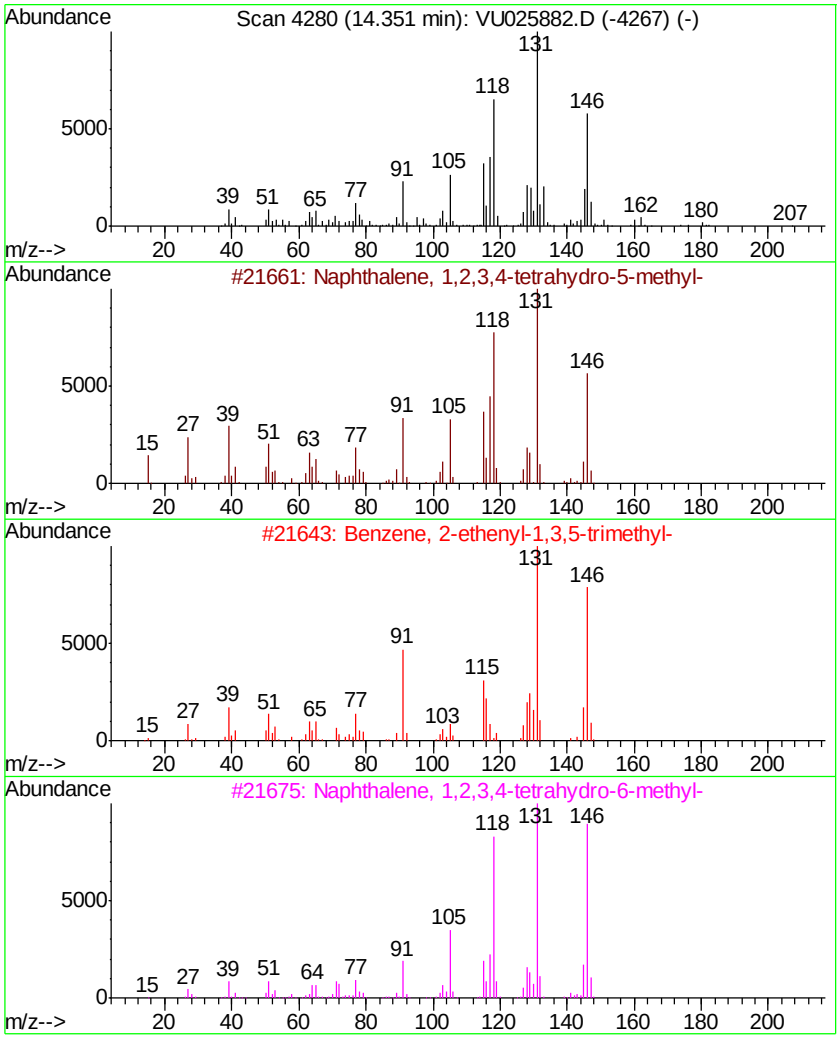
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

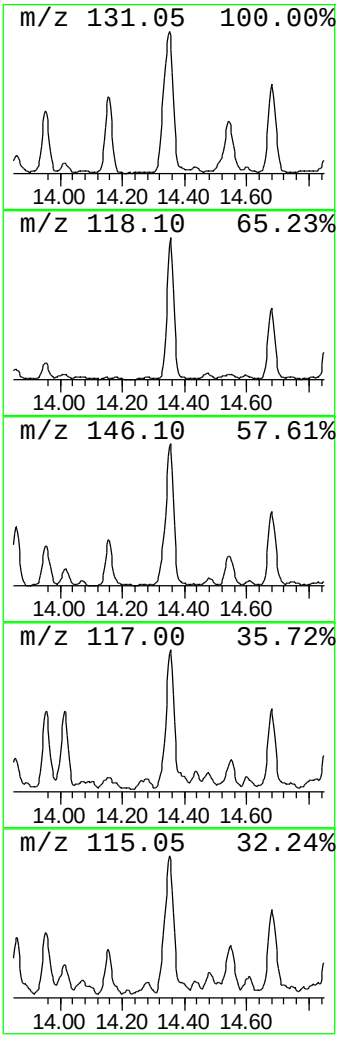
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	27.06 ug/l	575200	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	93
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	86
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	60
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025882.D
Acq On : 06 Aug 2018 13:46
Operator : MD/SY
Sample : J4278-05
Misc : 7.59g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EO-03-080118-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

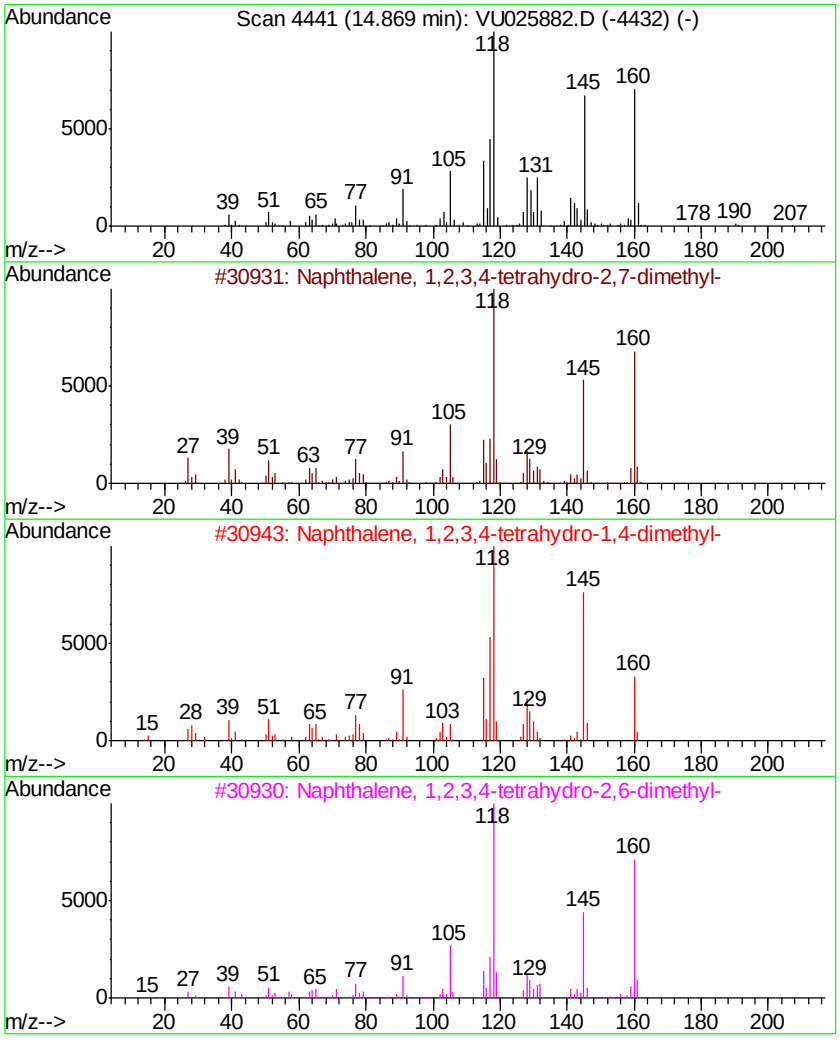
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

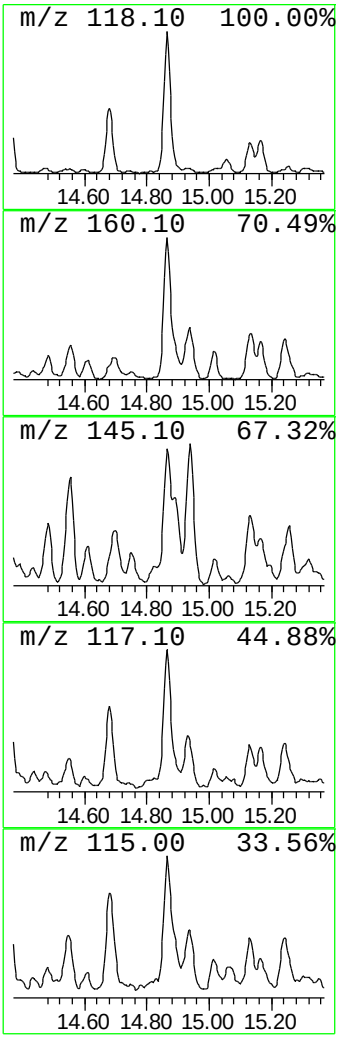
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	16.36 ug/l	347670	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	68
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025882.D
Acq On : 06 Aug 2018 13:46
Operator : MD/SY
Sample : J4278-05
Misc : 7.59g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EO-03-080118-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

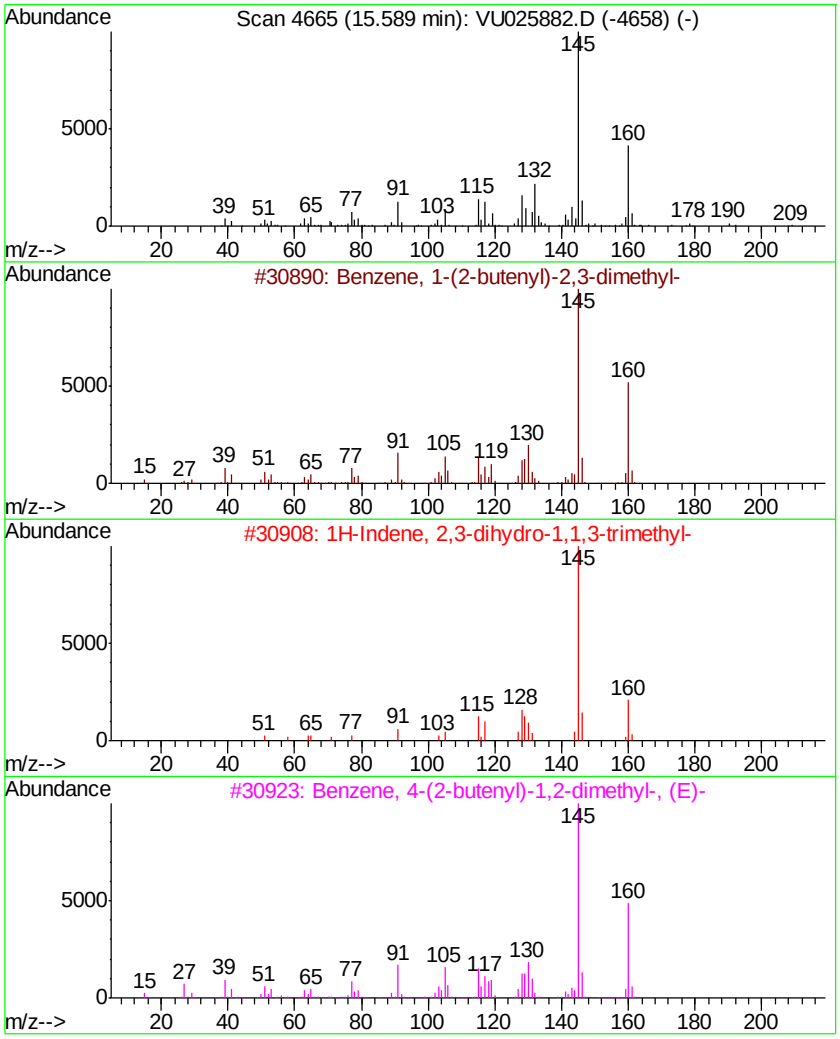
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

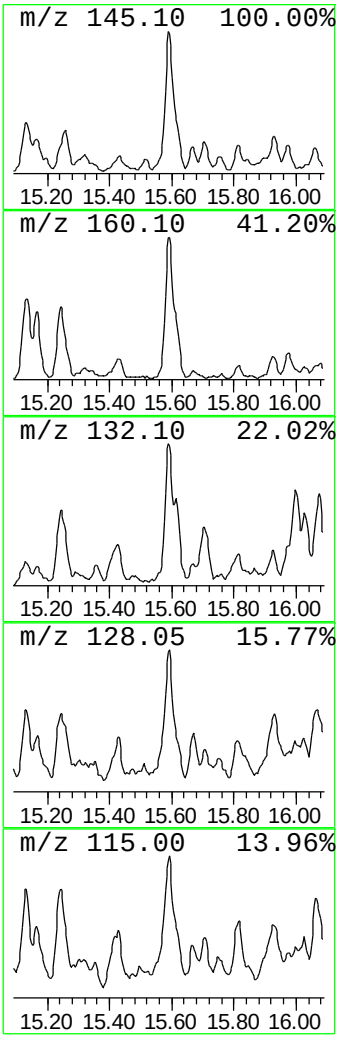
****

Peak Number 10 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	13.82 ug/l	293791	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	95
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	93
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025882.D
Acq On : 06 Aug 2018 13:46
Operator : MD/SY
Sample : J4278-05
Misc : 7.59g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EO-03-080118-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.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, 1,2,3,4-...	12.71	8.5	ug/l	180309	4	11.49	1062830	50.0
Benzene, 2-etheny...	13.13	19.7	ug/l	419617	4	11.49	1062830	50.0
Naphthalene, 1,2,...	13.29	11.8	ug/l	250093	4	11.49	1062830	50.0
Benzene, (3-methy...	13.95	8.4	ug/l	179672	4	11.49	1062830	50.0
1H-Indene, 2,3-di...	14.15	9.1	ug/l	192895	4	11.49	1062830	50.0
Naphthalene, 1,2,...	14.35	27.1	ug/l	575200	4	11.49	1062830	50.0
Naphthalene, 1,2,...	14.87	16.4	ug/l	347670	4	11.49	1062830	50.0
Benzene, 1-(2-but...	15.59	13.8	ug/l	293791	4	11.49	1062830	50.0