LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024693.D
Acq On : 18 Jun 2018 15:48
Operator : MD/SY
Sample : J3463-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-1-8.0-061218

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	134	155	181	rBV	1869965	2060498	76.37%	8.787%
2	1.458	262	270	280	rBV3	14915	36458	1.35%	0.155%
3	2.323	531	539	558	rVB	36375	64779	2.40%	0.276%
4	2.448	568	578	594	rVB	22876	39225	1.45%	0.167%
5	2.831	690	697	712	rVB2	15050	31728	1.18%	0.135%
6	3.001	733	750	768	rBV	57437	125788	4.66%	0.536%
7	4.101	1073	1092	1108	rBV4	21094	54871	2.03%	0.234%
8	4.889	1321	1337	1354	rBV2	183295	415003	15.38%	1.770%
9	4.989	1354	1368	1386	rVV	268409	619649	22.97%	2.642%
10	5.313	1456	1469	1490	rVB	179729	374106	13.87%	1.595%
11	5.892	1633	1649	1662	rBV	354420	703962	26.09%	3.002%
12	6.230	1741	1754	1769	rVB4	19517	40775	1.51%	0.174%
13	6.419	1792	1813	1828	rBV4	44255	109477	4.06%	0.467%
14	7.072	2000	2016	2025	rBV2	43605	84954	3.15%	0.362%
15	7.435	2118	2129	2145	rVB2	36840	68091	2.52%	0.290%
16	7.570	2149	2171	2191	rBV	661198	1189607	44.09%	5.073%
17	8.098	2327	2335	2349	rVB	23441	41443	1.54%	0.177%
18	9.094	2632	2645	2659	rBV	506307	851219	31.55%	3.630%
19	9.381	2718	2734	2748	rVB4	17632	38898	1.44%	0.166%
20	10.310	3012	3023	3043	rBV	489787	797153	29.55%	3.399%
21	10.979	3221	3231	3247	rBV2	24953	52097	1.93%	0.222%
22	11.101	3256	3269	3279	rBV2	17221	35186	1.30%	0.150%
23	11.294	3319	3329	3335	rBV	38834	61659	2.29%	0.263%
24	11.487	3377	3389	3405	rBV	577129	916591	33.97%	3.909%
25	11.692	3443	3453	3463	rBV2	49028	74991	2.78%	0.320%
26	11.773	3463	3478	3497	rVV3	655185	1366594	50.65%	5.828%
27	11.869	3498	3508	3524	rVB2	69329	130832	4.85%	0.558%
28	11.985	3534	3544	3560	rVB	124584	191863	7.11%	0.818%
29	12.255	3614	3628	3635	rBV	878628	1364013	50.56%	5.817%
30	12.287	3635	3638	3649	rVB	236572	309005	11.45%	1.318%
31	12.358	3649	3660	3681	rBV2	707493	1330423	49.31%	5.673%
32	12.541	3707	3717	3728	rVB2	72926	115999	4.30%	0.495%
33	12.654	3731	3752	3765	rBV	700474	1113280	41.26%	4.747%
34	12.792	3784	3795	3808	rVB3	69533	112927	4.19%	0.482%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024693.D
Acq On : 18 Jun 2018 15:48
Operator : MD/SY
Sample : J3463-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-1-8.0-061218

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	12.882	3814	3823	3829	rBV	38017	58763	2.18%	0.251%
36	12.930	3830	3838	3841	rVV3	70592	106836	3.96%	0.456%
37	12.969	3841	3850	3869	rVB	417598	715344	26.51%	3.050%
38	13.123	3878	3898	3916	rBV3	1599179	2698022	100.00%	11.505%
39	13.242	3928	3935	3944	rBV	34392	54095	2.00%	0.231%
40	13.297	3945	3952	3967	rVB6	45220	86337	3.20%	0.368%
41	13.413	3978	3988	3994	rBV	44700	71036	2.63%	0.303%
42	13.461	3994	4003	4011	rVV	137853	232092	8.60%	0.990%
43	13.512	4011	4019	4028	rVV2	208637	329143	12.20%	1.404%
44	13.583	4028	4041	4045	rVV2	116682	229615	8.51%	0.979%
45	13.615	4045	4051	4072	rVB3	196724	453071	16.79%	1.932%
46	13.731	4079	4087	4096	rBV2	30213	52506	1.95%	0.224%
47	13.792	4098	4106	4116	rVV2	49805	80701	2.99%	0.344%
48	13.860	4117	4127	4139	rVB	74854	123451	4.58%	0.526%
49	13.956	4144	4157	4168	rVV2	117969	229983	8.52%	0.981%
50	14.017	4168	4176	4186	rVB2	62361	96487	3.58%	0.411%
51	14.155	4209	4219	4237	rBV2	112133	228050	8.45%	0.972%
52	14.339	4265	4276	4300	rVB6	158893	408111	15.13%	1.740%
53	14.480	4311	4320	4330	rVV	58939	93827	3.48%	0.400%
54	14.541	4330	4339	4353	rVB5	118215	217348	8.06%	0.927%
55	14.679	4372	4382	4396	rBV2	150498	263497	9.77%	1.124%
56	14.824	4419	4427	4434	rBV2	25248	39924	1.48%	0.170%
57	14.882	4434	4445	4453	rVV7	30562	74121	2.75%	0.316%
58	14.937	4454	4462	4478	rVB4	31345	72380	2.68%	0.309%
59	15.081	4493	4507	4516	rBV4	44315	99878	3.70%	0.426%
60	15.589	4647	4665	4681	rBV2	27886	64794	2.40%	0.276%
61	15.805	4723	4732	4737	rBV	44619	69151	2.56%	0.295%
62	15.837	4738	4742	4753	rVB	48521	69772	2.59%	0.298%
63	15.917	4753	4767	4793	rBV	145414	281527	10.43%	1.201%
64	16.062	4800	4812	4822	rBV	316457	504712	18.71%	2.152%
65	16.178	4837	4848	4863	rBV6	15287	32051	1.19%	0.137%
66	16.290	4863	4883	4904	rVB2	88242	236339	8.76%	1.008%
67	16.435	4918	4928	4940	rVB3	52124	83337	3.09%	0.355%
68	16.740	5014	5023	5041	rBV	38491	70889	2.63%	0.302%

Sum of corrected areas: 23450334

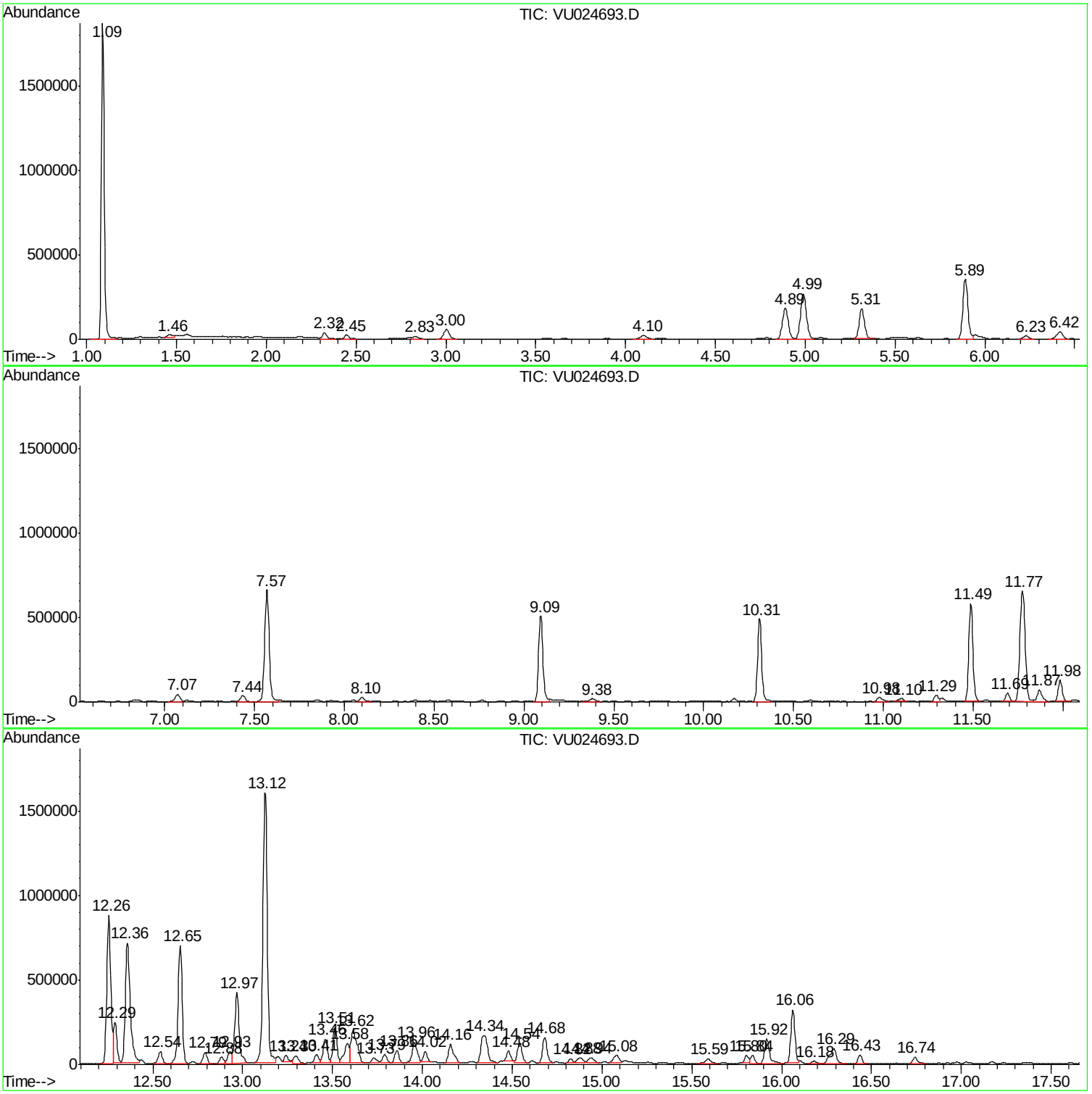
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024693.D
Acq On : 18 Jun 2018 15:48
Operator : MD/SY
Sample : J3463-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-1-8.0-061218

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024693.D
Acq On : 18 Jun 2018 15:48
Operator : MD/SY
Sample : J3463-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-1-8.0-061218

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

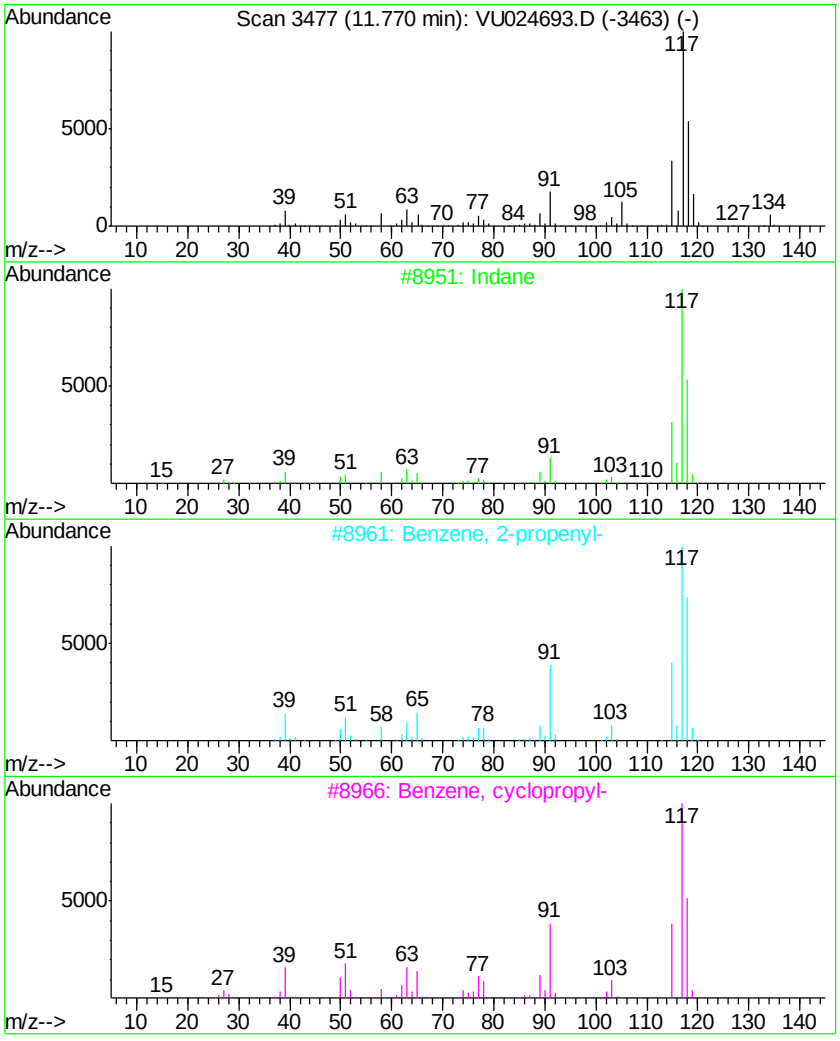
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

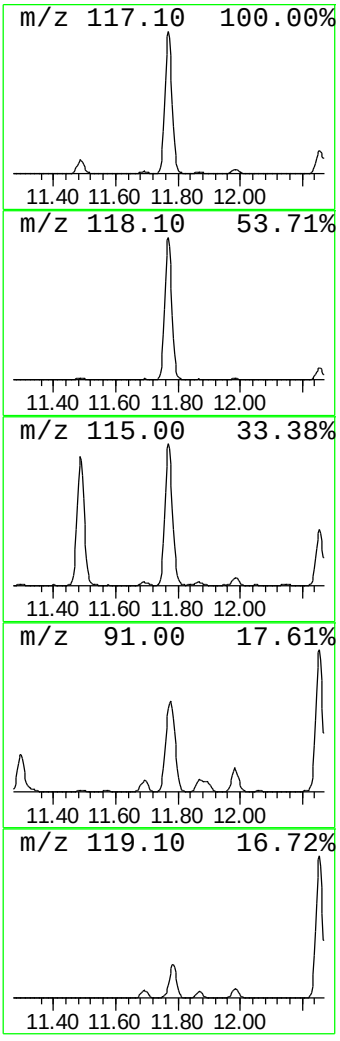
****

Peak Number 2 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	74.55 ug/l	1366590	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	64
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	46
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	41





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024693.D
Acq On : 18 Jun 2018 15:48
Operator : MD/SY
Sample : J3463-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-1-8.0-061218

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

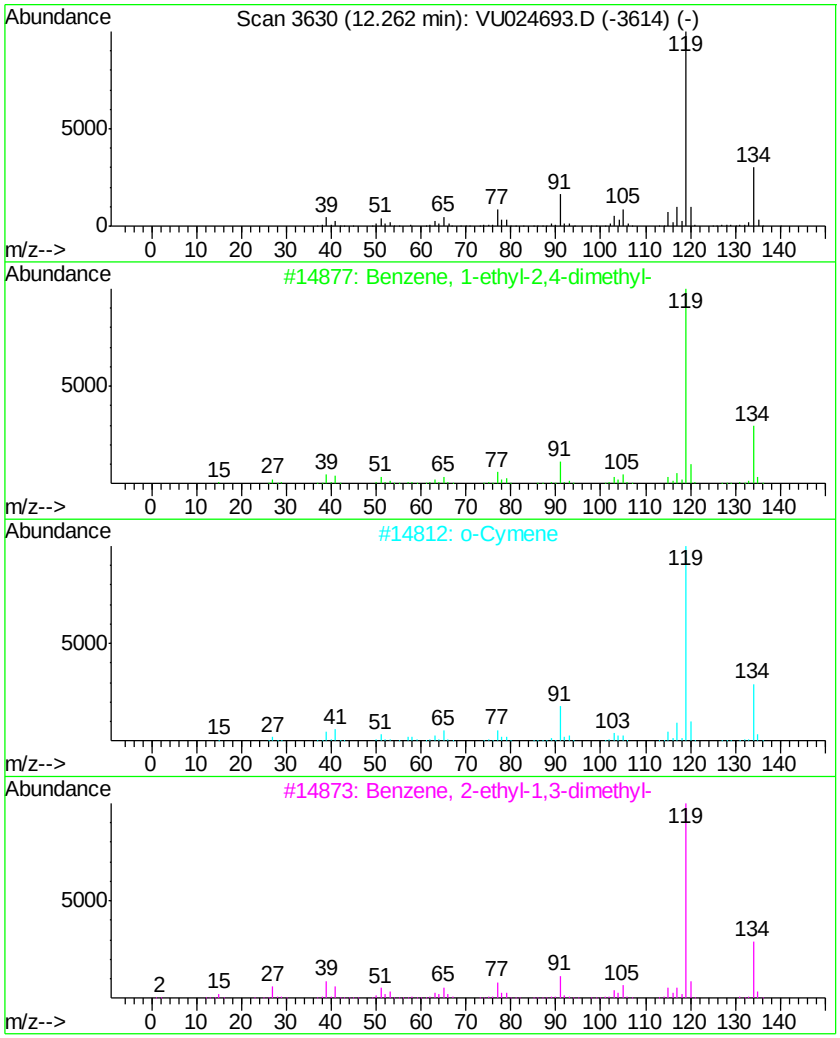
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

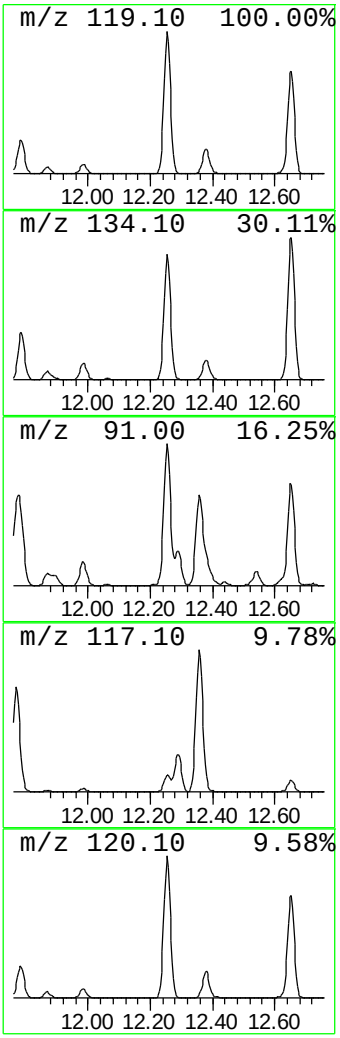
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	74.41 ug/l	1364010	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, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024693.D
Acq On : 18 Jun 2018 15:48
Operator : MD/SY
Sample : J3463-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-1-8.0-061218

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

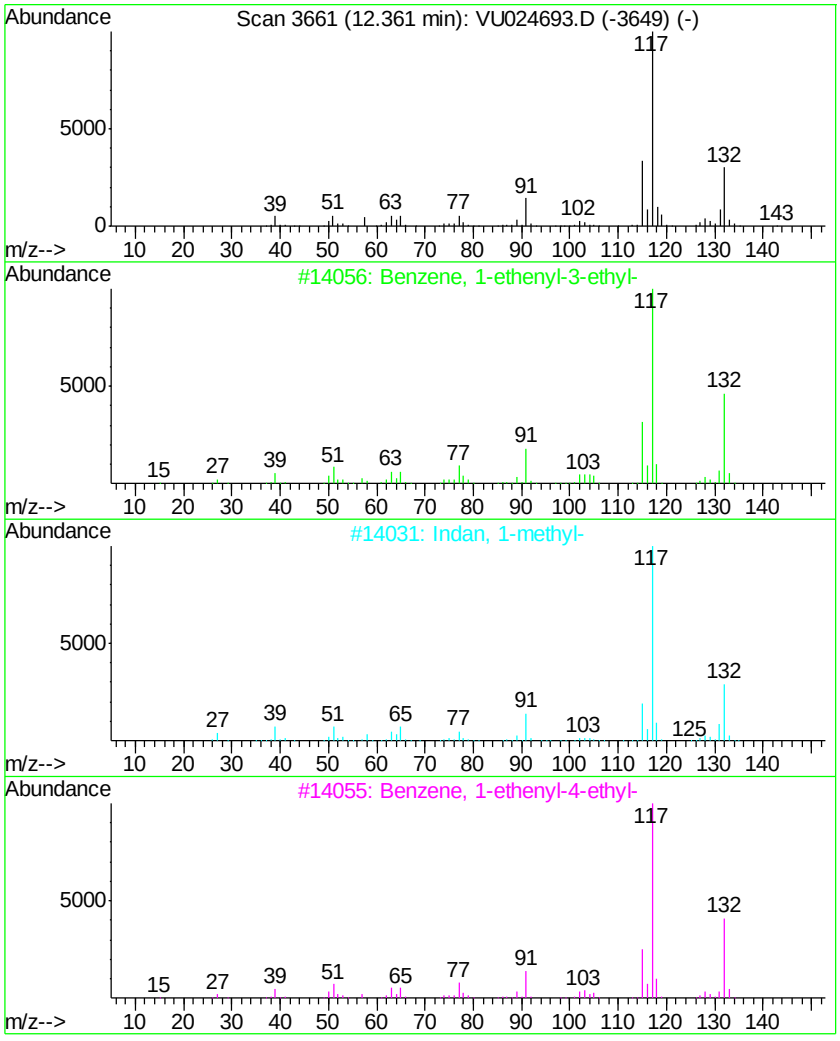
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

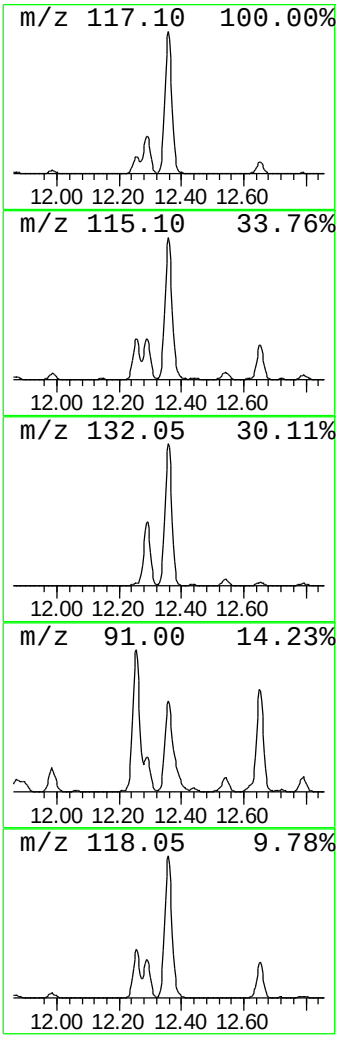
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	72.57 ug/l	1330420	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	Indan, 1-methyl-	132	C10H12	000767-58-8	91
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	90
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024693.D
Acq On : 18 Jun 2018 15:48
Operator : MD/SY
Sample : J3463-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-1-8.0-061218

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

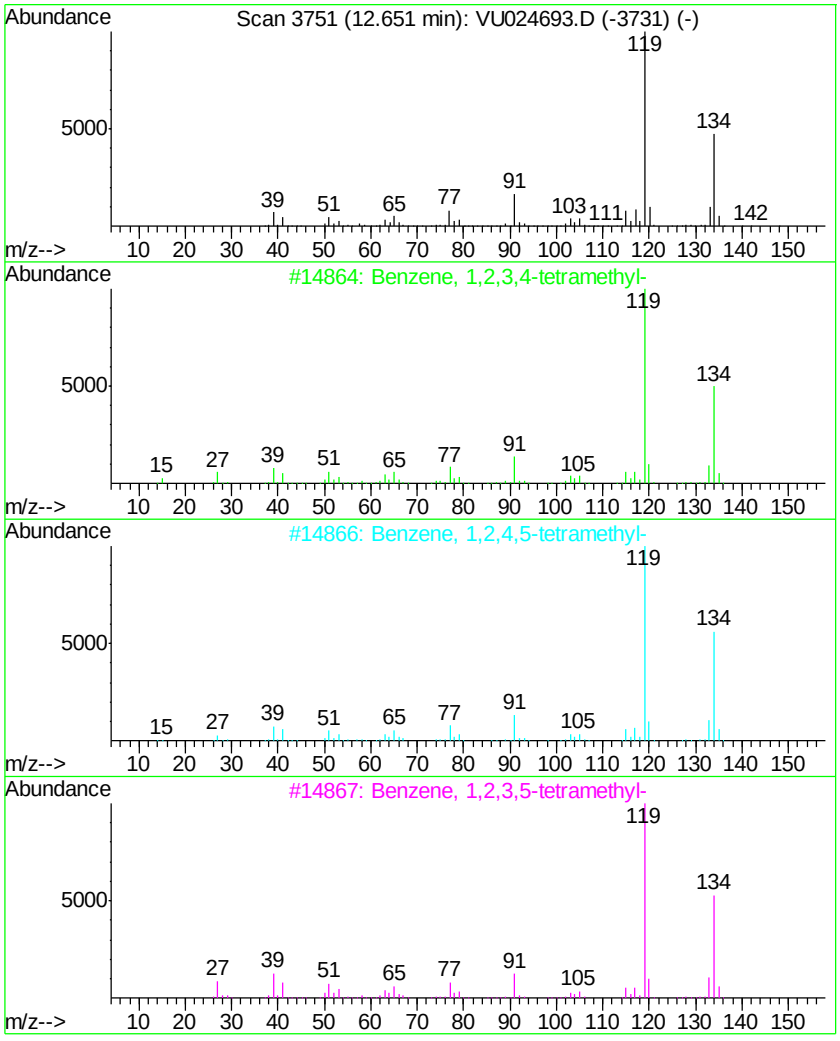
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

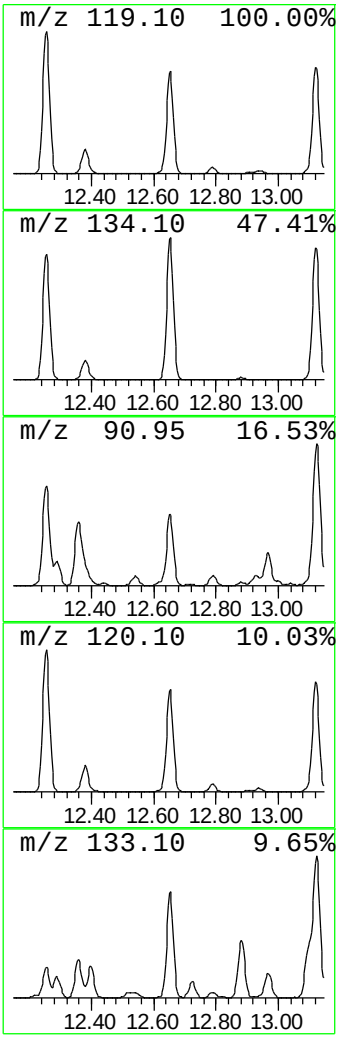
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	60.73 ug/l	1113280	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, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024693.D
Acq On : 18 Jun 2018 15:48
Operator : MD/SY
Sample : J3463-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-1-8.0-061218

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

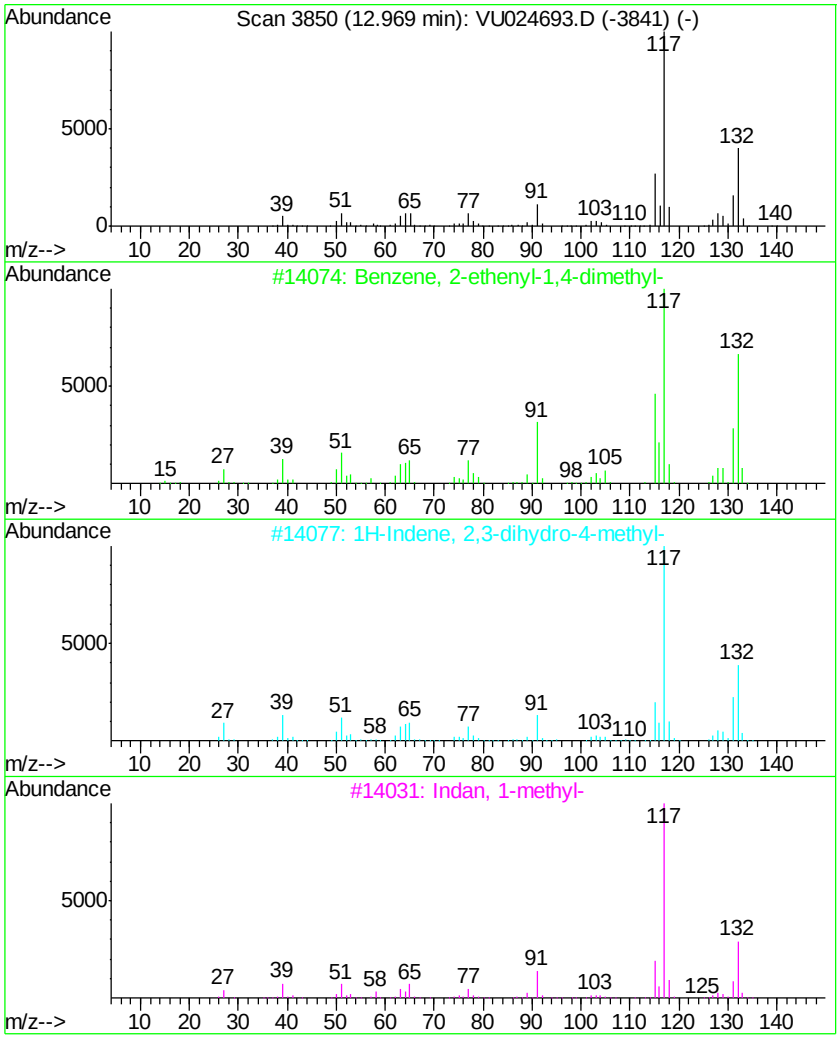
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

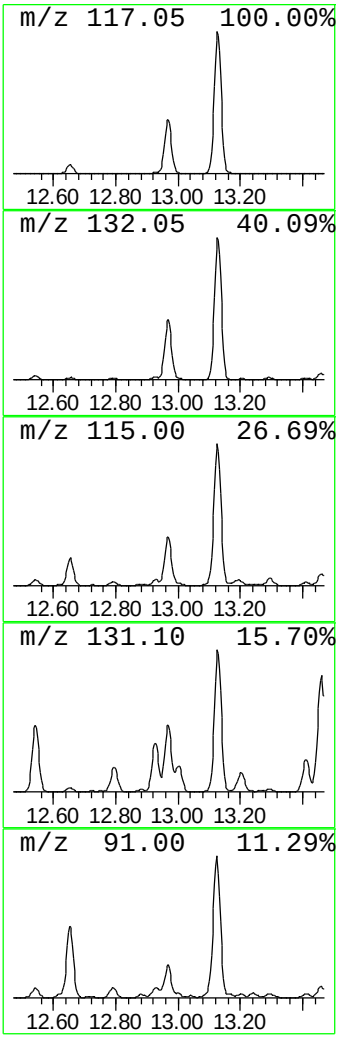
****

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	39.02 ug/l	715344	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	92
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
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 : VU024693.D
Acq On : 18 Jun 2018 15:48
Operator : MD/SY
Sample : J3463-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-1-8.0-061218

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

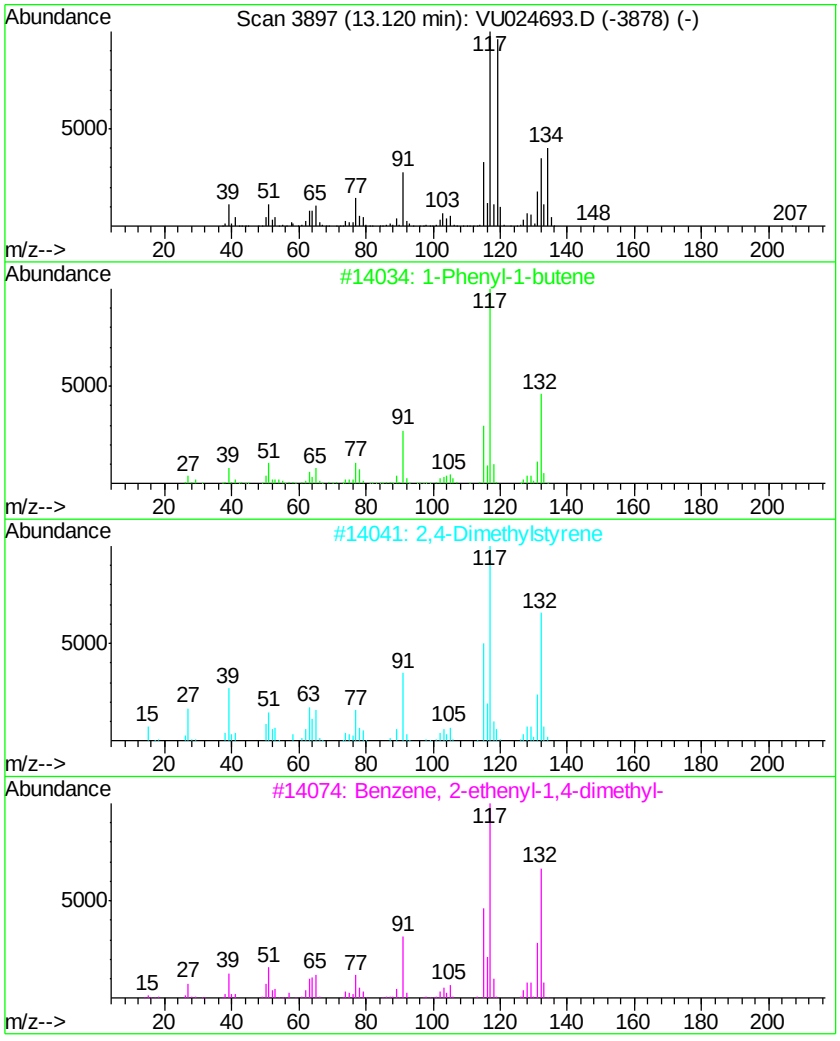
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

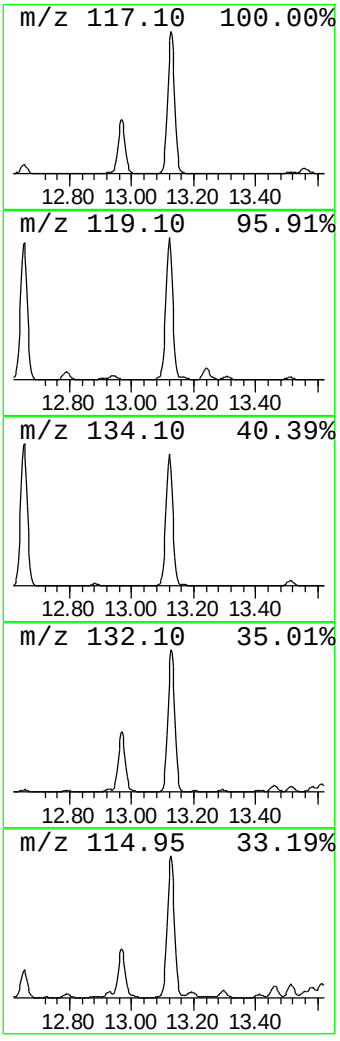
****

Peak Number 7 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	147.18 ug/l	2698020	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	91
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	55
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024693.D
Acq On : 18 Jun 2018 15:48
Operator : MD/SY
Sample : J3463-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-1-8.0-061218

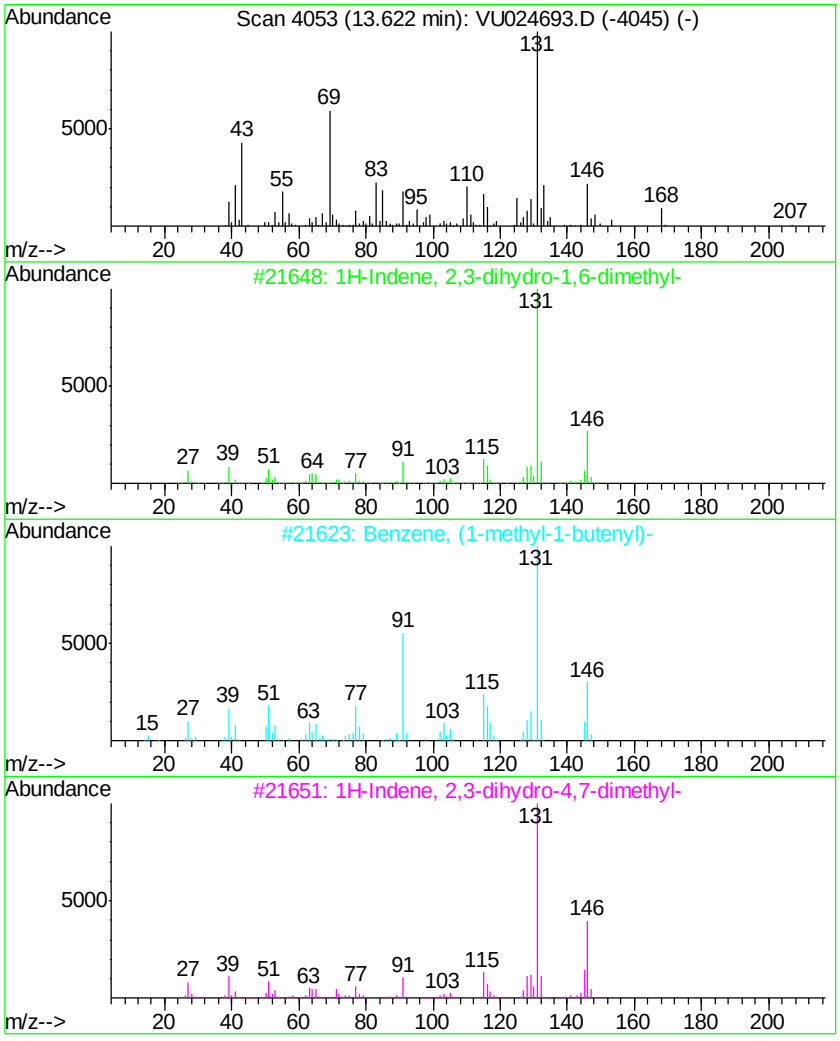
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

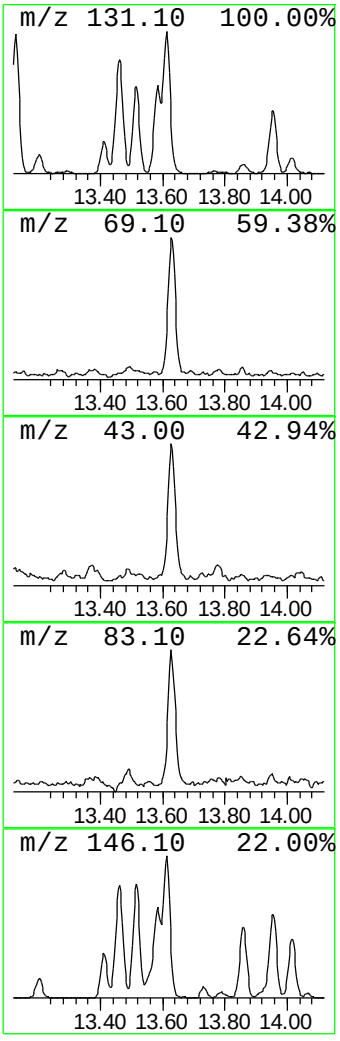
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	24.72 ug/l	453071	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	91
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024693.D
Acq On : 18 Jun 2018 15:48
Operator : MD/SY
Sample : J3463-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-1-8.0-061218

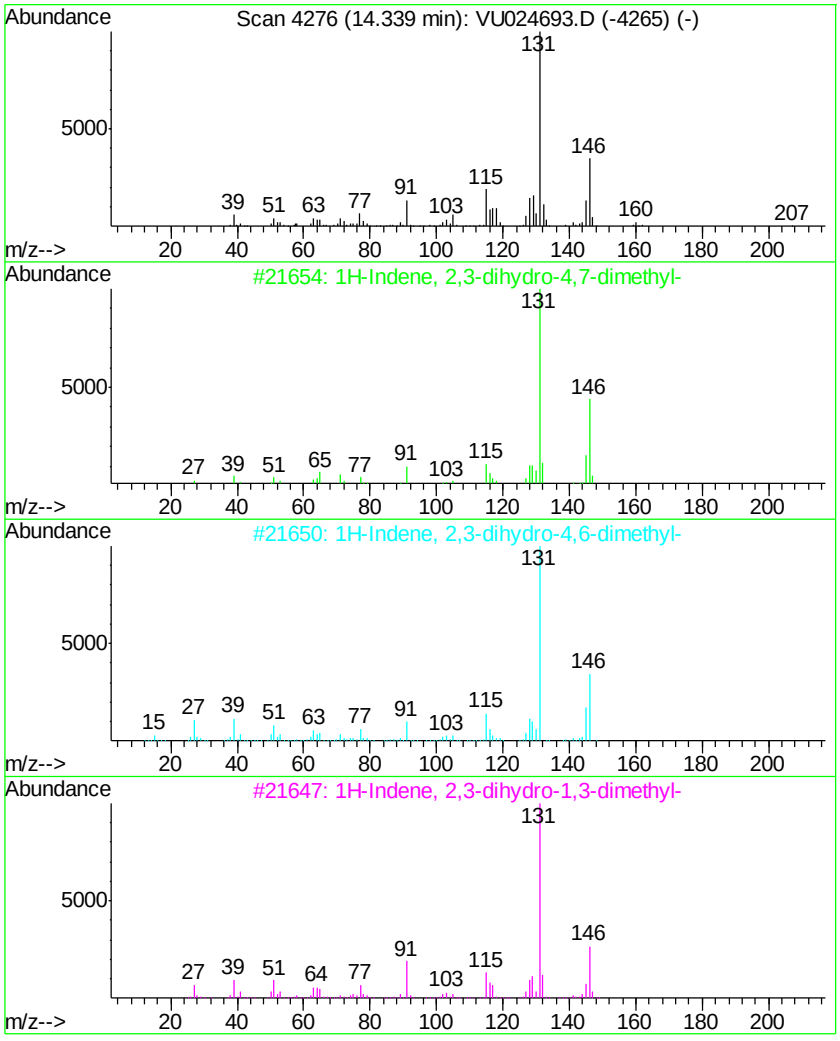
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

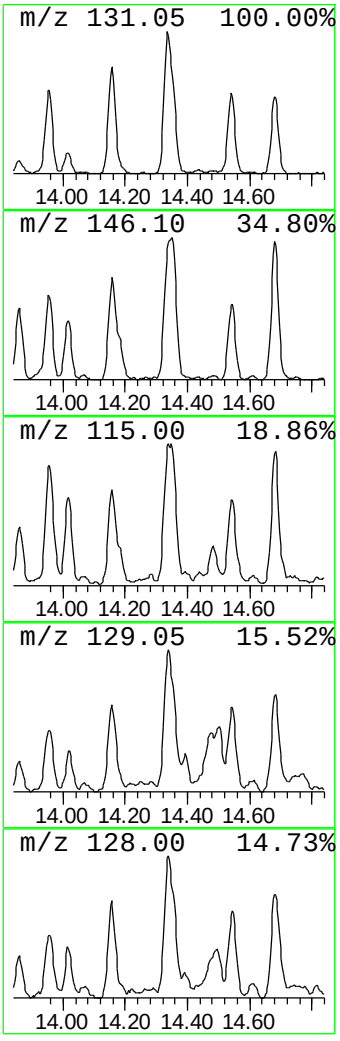
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	22.26 ug/l	408111	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024693.D
Acq On : 18 Jun 2018 15:48
Operator : MD/SY
Sample : J3463-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-1-8.0-061218

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

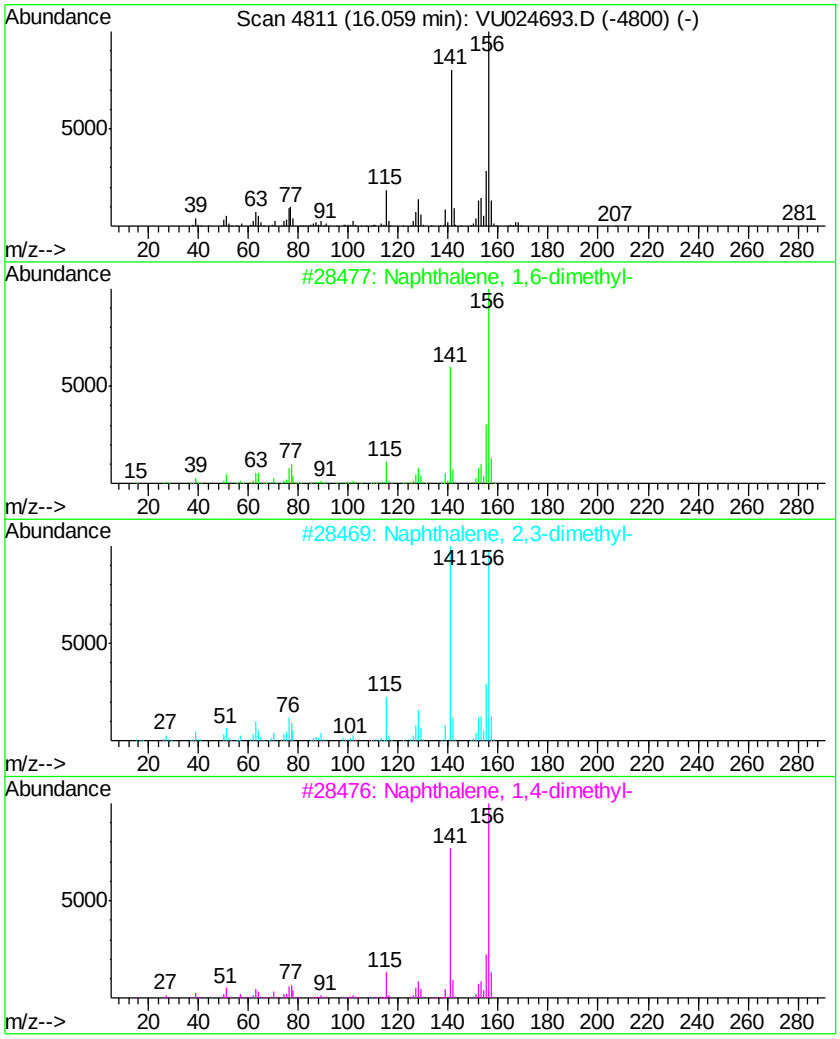
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

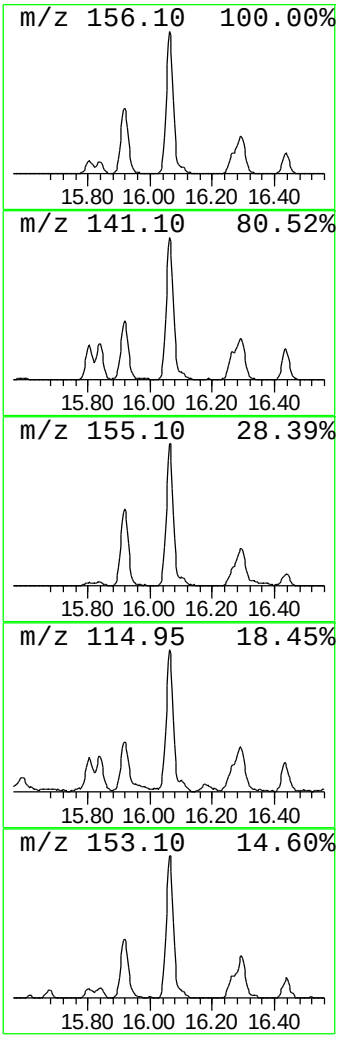
****

Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	27.53 ug/l	504712	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024693.D
Acq On : 18 Jun 2018 15:48
Operator : MD/SY
Sample : J3463-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-1-8.0-061218

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
Indane	11.77	74.5	ug/l	1366590	4	11.49	916591	50.0
Benzene, 1-ethyl-...	12.26	74.4	ug/l	1364010	4	11.49	916591	50.0
Benzene, 1-etheny...	12.36	72.6	ug/l	1330420	4	11.49	916591	50.0
Benzene, 1,2,3,4-...	12.65	60.7	ug/l	1113280	4	11.49	916591	50.0
Benzene, 2-etheny...	12.97	39.0	ug/l	715344	4	11.49	916591	50.0
1-Phenyl-1-butene	13.12	147.2	ug/l	2698020	4	11.49	916591	50.0
1H-Indene, 2,3-di...	13.62	24.7	ug/l	453071	4	11.49	916591	50.0
1H-Indene, 2,3-di...	14.34	22.3	ug/l	408111	4	11.49	916591	50.0
Naphthalene, 1,6-...	16.06	27.5	ug/l	504712	4	11.49	916591	50.0