LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
Data File : VU043677.D
Acq On : 12 May 2021 15:08
Operator : SY/MD
Sample : M2324-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : W-6

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\82U050621W.M
Title : SW846 8260

Signal : TIC: VU043677.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.363	3	7	15	rVB2	10826	10105	1.13%	0.149%
2	2.630	388	401	417	rVB	9870	17686	1.98%	0.260%
3	3.089	537	544	560	rVB4	6727	13172	1.47%	0.194%
4	3.369	619	631	642	rVB3	6215	12751	1.43%	0.188%
5	4.543	982	996	1009	rBV4	9928	23131	2.59%	0.340%
6	5.298	1214	1231	1244	rBV	141131	295097	33.00%	4.340%
7	5.382	1244	1257	1273	rVV	191913	399288	44.65%	5.873%
8	5.465	1274	1283	1298	rVB5	4813	11062	1.24%	0.163%
9	5.597	1314	1324	1334	rBV5	5514	11577	1.29%	0.170%
10	5.710	1346	1359	1377	rVB	165656	331659	37.09%	4.878%
11	5.858	1393	1405	1411	rBV7	7745	15527	1.74%	0.228%
12	5.909	1412	1421	1437	rVV5	18224	47894	5.36%	0.704%
13	5.996	1437	1448	1460	rVB5	7755	15641	1.75%	0.230%
14	6.256	1514	1529	1547	rBV	301313	557816	62.38%	8.205%
15	6.768	1669	1688	1700	rBV3	42371	98384	11.00%	1.447%
16	7.263	1827	1842	1852	rBV5	10904	23978	2.68%	0.353%
17	7.391	1868	1882	1889	rBV4	9006	18747	2.10%	0.276%
18	7.864	2012	2029	2030	rBV3	18132	27487	3.07%	0.404%
19	7.903	2030	2041	2058	rVB	517946	894267	100.00%	13.153%
20	8.038	2071	2083	2092	rBV5	5875	14879	1.66%	0.219%
21	8.250	2138	2149	2162	rBV4	11855	20897	2.34%	0.307%
22	8.375	2173	2188	2197	rBV2	12185	22080	2.47%	0.325%
23	8.793	2309	2318	2332	rVB5	9718	21514	2.41%	0.316%
24	8.870	2332	2342	2352	rVB3	10588	17192	1.92%	0.253%
25	8.928	2352	2360	2369	rBV6	5414	9189	1.03%	0.135%
26	9.423	2501	2514	2528	rBV	439532	714030	79.85%	10.502%
27	10.034	2687	2704	2713	rBV7	4562	11188	1.25%	0.165%
28	10.369	2794	2808	2825	rVB7	5110	13316	1.49%	0.196%
29	10.639	2876	2892	2907	rBV	361410	574288	64.22%	8.447%
30	10.912	2964	2977	2985	rBV2	10318	15858	1.77%	0.233%
31	11.298	3086	3097	3109	rBV3	7397	12127	1.36%	0.178%
32	11.816	3246	3258	3275	rVB	415301	660735	73.89%	9.719%
33	12.102	3328	3347	3361	rVV2	105936	173271	19.38%	2.549%
34	12.189	3365	3374	3391	rVB6	14661	32955	3.69%	0.485%
35	12.308	3402	3411	3420	rVB4	9569	13532	1.51%	0.199%
36	12.578	3476	3495	3502	rBV	115325	177424	19.84%	2.610%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
Data File : VU043677.D
Acq On : 12 May 2021 15:08
Operator : SY/MD
Sample : M2324-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : W-6

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\82U050621W.M
Title : SW846 8260

37	12.619	3502	3508	3519	rVV	29171	47294	5.29%	0.696%
38	12.687	3519	3529	3548	rVB2	92330	175063	19.58%	2.575%
39	12.976	3602	3619	3631	rBV	87203	135825	15.19%	1.998%
40	13.115	3652	3662	3678	rBV6	10937	24759	2.77%	0.364%
41	13.256	3698	3706	3711	rBV4	7152	10137	1.13%	0.149%
42	13.301	3711	3720	3735	rVB	64720	103535	11.58%	1.523%
43	13.459	3745	3769	3787	rBV3	190901	344326	38.50%	5.065%
44	13.565	3797	3802	3810	rVB	8424	9757	1.09%	0.144%
45	13.629	3812	3822	3839	rVB3	28686	49567	5.54%	0.729%
46	13.742	3848	3857	3864	rBV3	14318	23173	2.59%	0.341%
47	13.790	3864	3872	3880	rVV2	33122	56200	6.28%	0.827%
48	13.844	3880	3889	3902	rVV4	41980	79652	8.91%	1.172%
49	13.918	3904	3912	3915	rVV3	18039	29315	3.28%	0.431%
50	13.947	3915	3921	3937	rVB6	33272	67773	7.58%	0.997%
51	14.092	3951	3966	3987	rBV	59532	106659	11.93%	1.569%
52	14.291	4019	4028	4039	rBV5	12424	21674	2.42%	0.319%
53	14.353	4039	4047	4056	rVB3	10113	14761	1.65%	0.217%
54	14.491	4081	4090	4101	rVB	23782	35372	3.96%	0.520%
55	14.674	4136	4147	4165	rBV5	20517	43436	4.86%	0.639%
56	14.812	4181	4190	4204	rBV3	5786	9561	1.07%	0.141%
57	14.883	4204	4212	4223	rVB2	10153	15601	1.74%	0.229%
58	15.230	4308	4320	4332	rBV2	24529	38871	4.35%	0.572%
59	15.417	4366	4378	4391	rBV	16768	26664	2.98%	0.392%

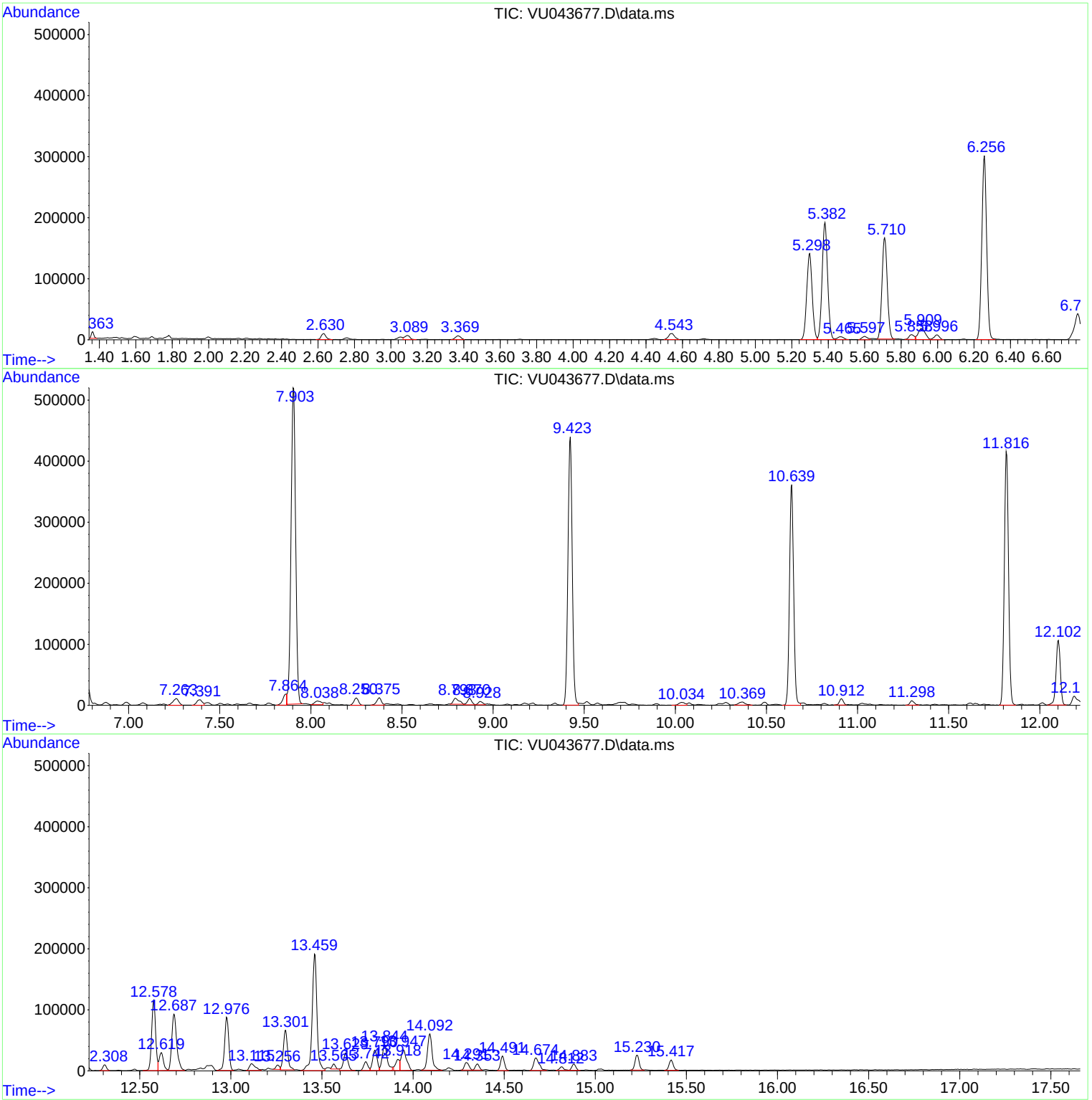
Sum of corrected areas: 6798719

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
Data File : VU043677.D
Acq On : 12 May 2021 15:08
Operator : SY/MD
Sample : M2324-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
W-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
Data File : VU043677.D
Acq On : 12 May 2021 15:08
Operator : SY/MD
Sample : M2324-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : W-6

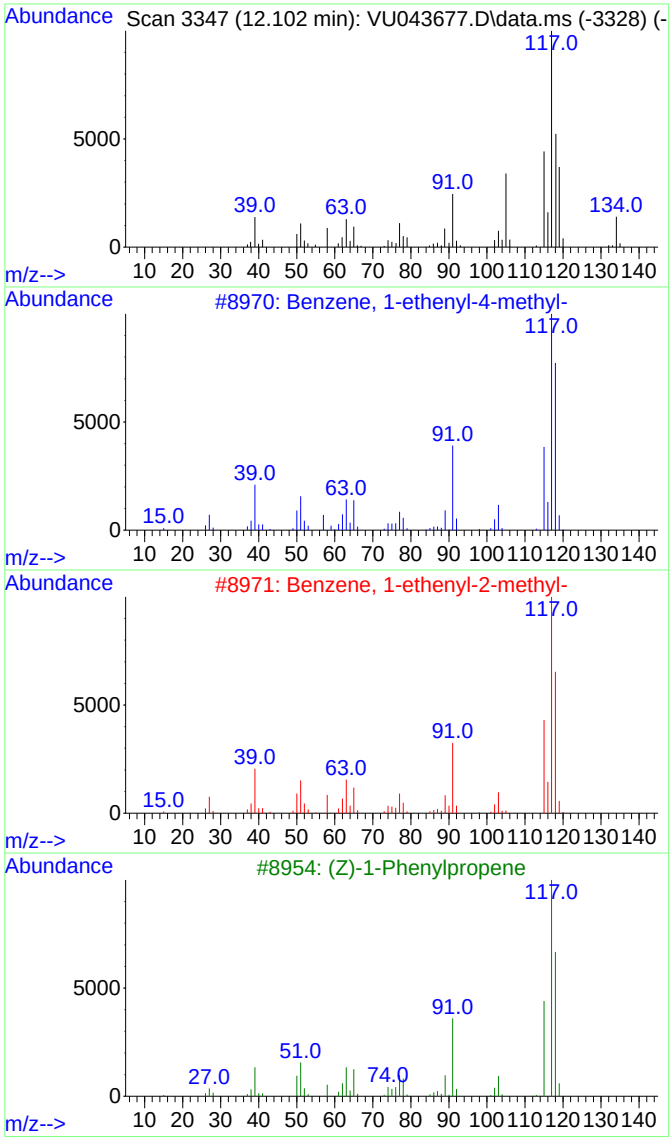
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260

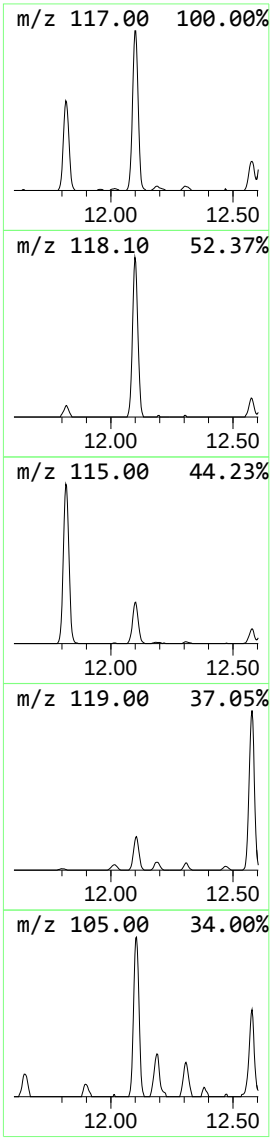
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethenyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.102	13.11 ug/l	173271	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	90
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	70
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
5	Indane	118	C9H10	000496-11-7	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
Data File : VU043677.D
Acq On : 12 May 2021 15:08
Operator : SY/MD
Sample : M2324-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : W-6

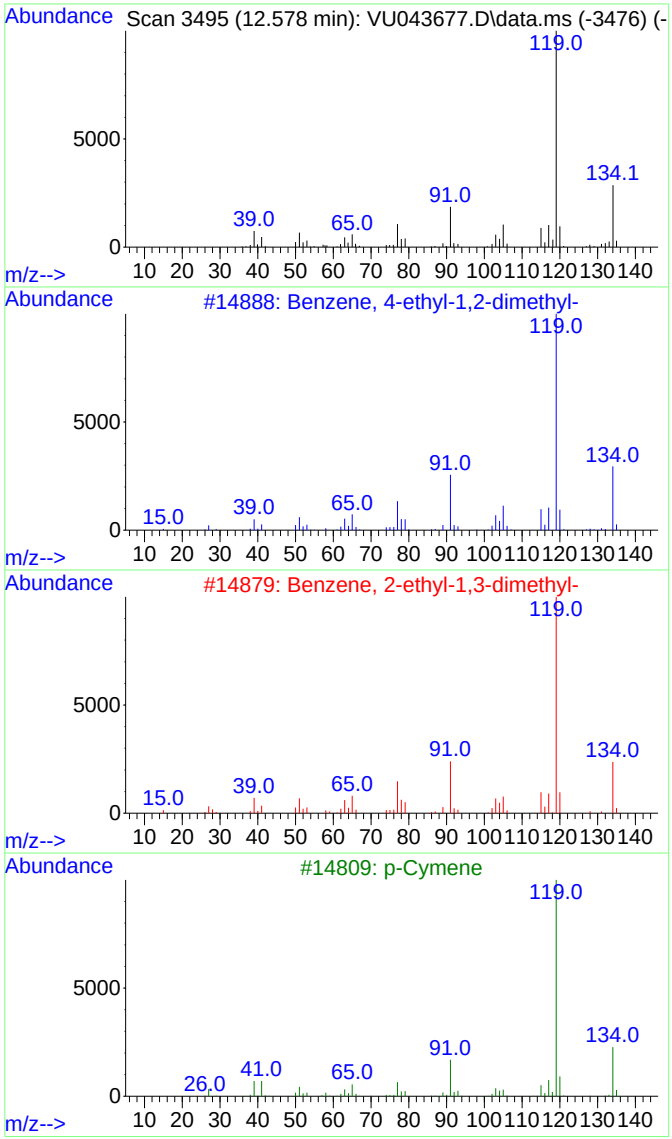
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260

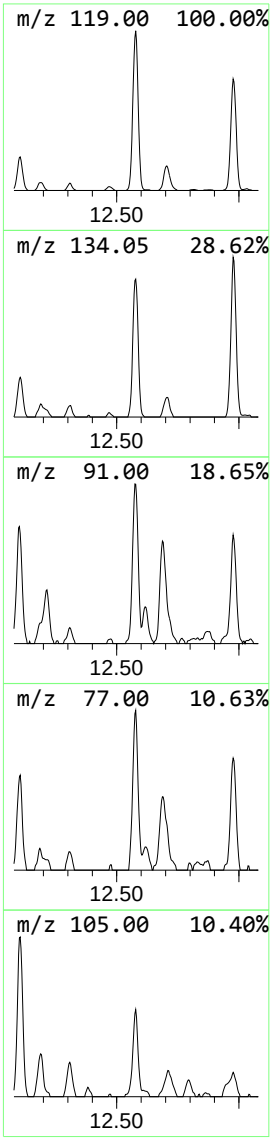
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.578	13.43 ug/l	177424	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
Data File : VU043677.D
Acq On : 12 May 2021 15:08
Operator : SY/MD
Sample : M2324-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : W-6

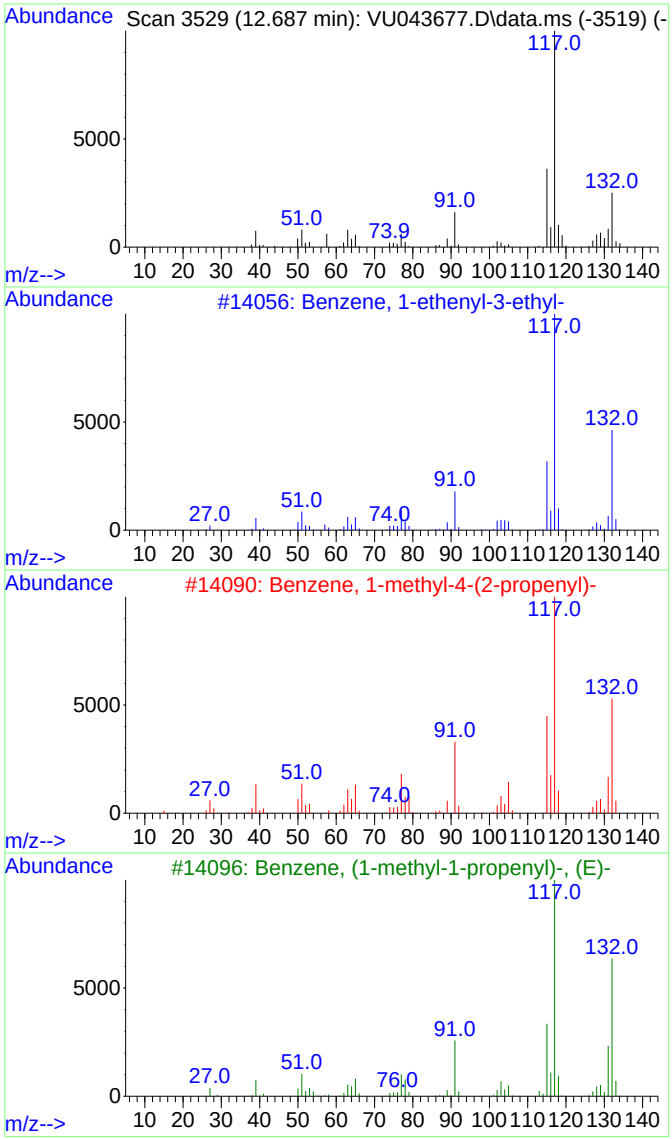
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260

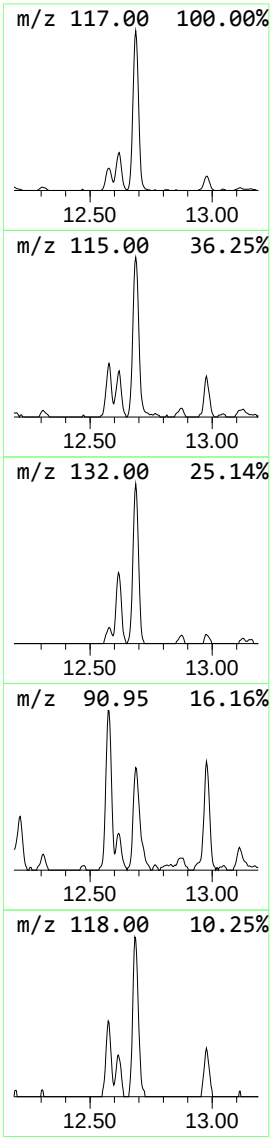
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.687	13.25 ug/l	175063	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	86
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
Data File : VU043677.D
Acq On : 12 May 2021 15:08
Operator : SY/MD
Sample : M2324-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : W-6

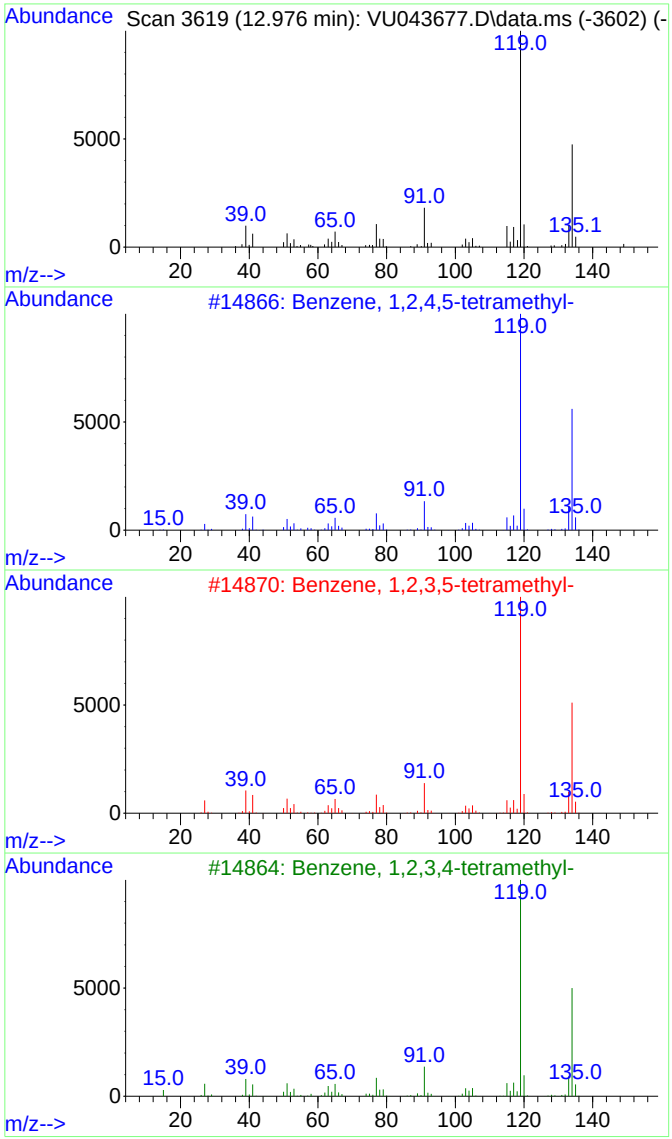
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260

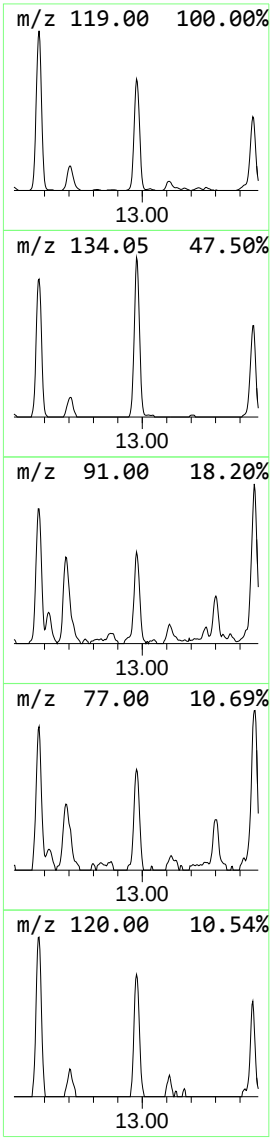
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.976	10.28 ug/l	135825	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
Data File : VU043677.D
Acq On : 12 May 2021 15:08
Operator : SY/MD
Sample : M2324-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : W-6

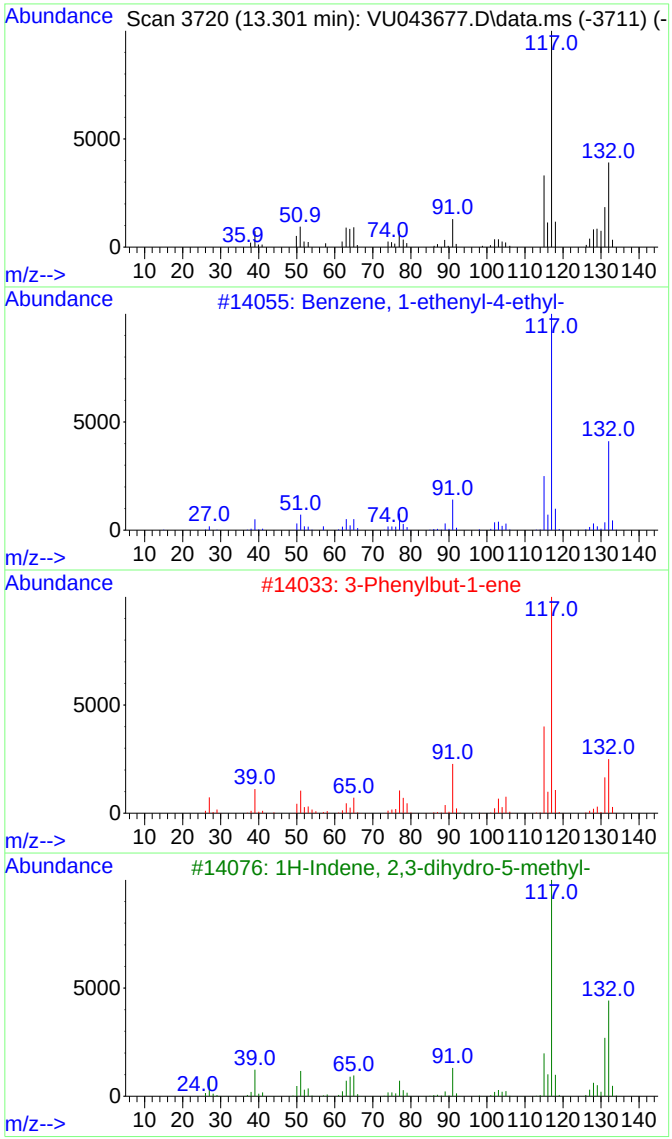
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260

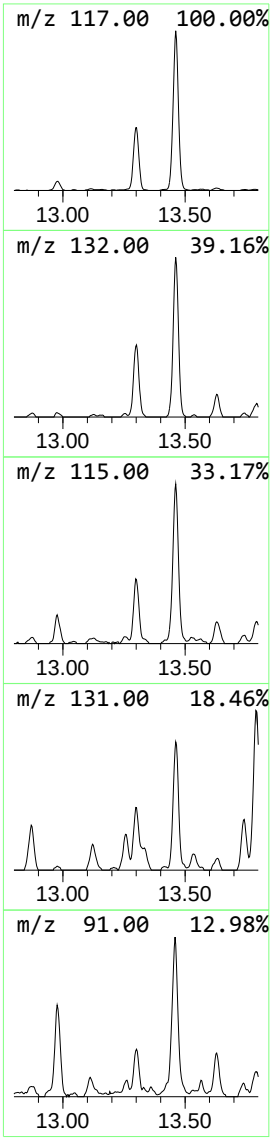
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.301	7.83 ug/l	103535	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
Data File : VU043677.D
Acq On : 12 May 2021 15:08
Operator : SY/MD
Sample : M2324-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : W-6

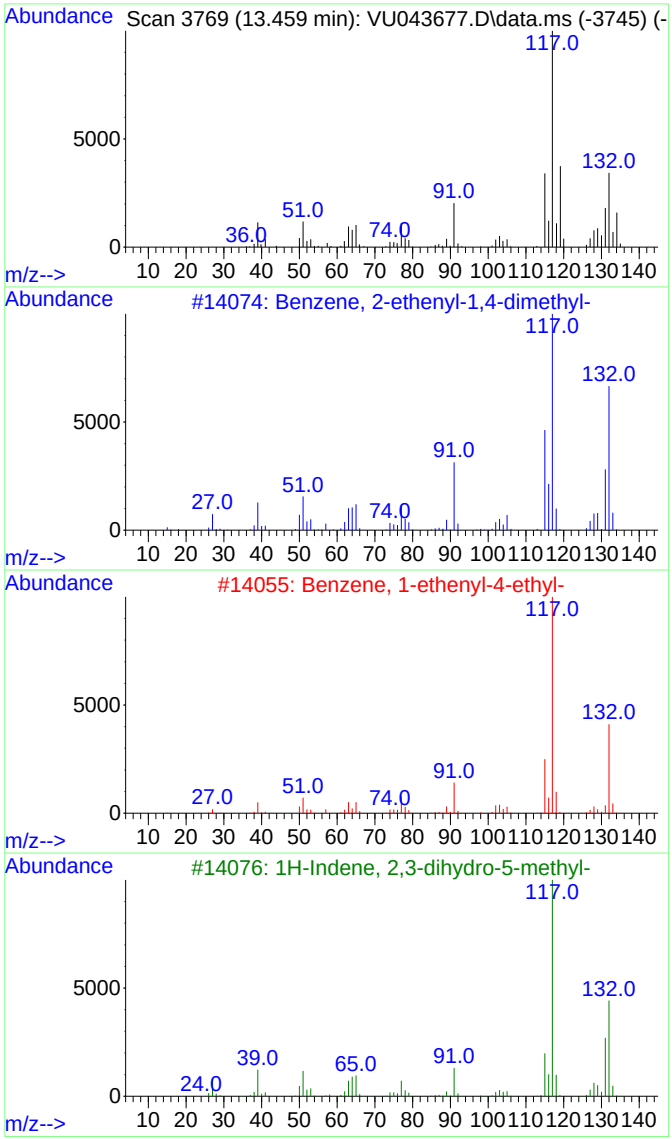
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260

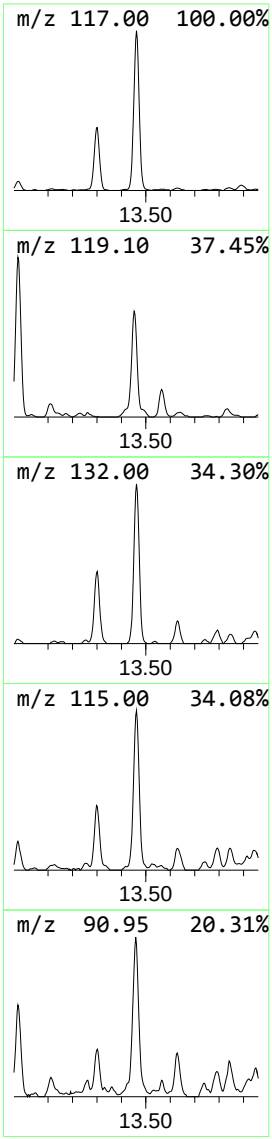
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.459	26.06 ug/l	344326	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
Data File : VU043677.D
Acq On : 12 May 2021 15:08
Operator : SY/MD
Sample : M2324-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : W-6

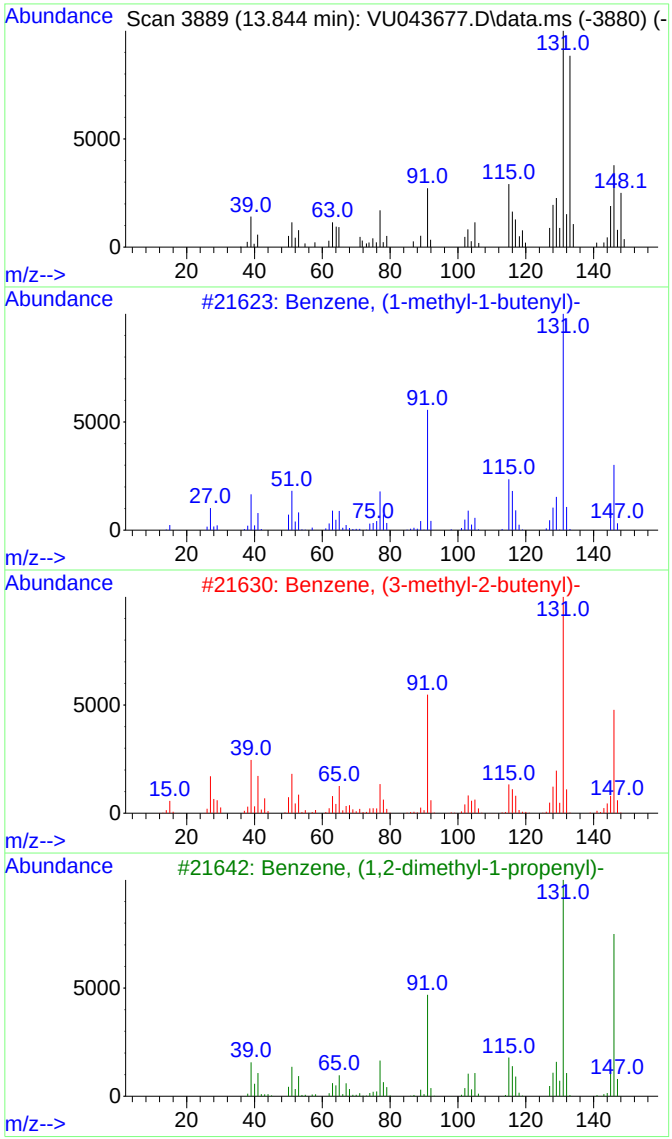
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260

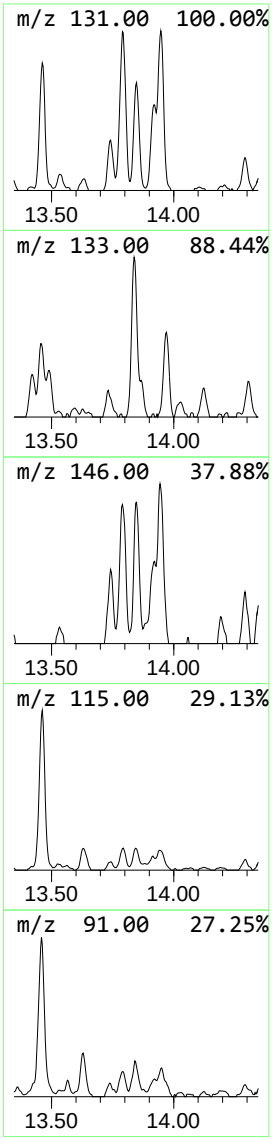
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (1-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	6.03 ug/l	79652	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	46
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
Data File : VU043677.D
Acq On : 12 May 2021 15:08
Operator : SY/MD
Sample : M2324-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : W-6

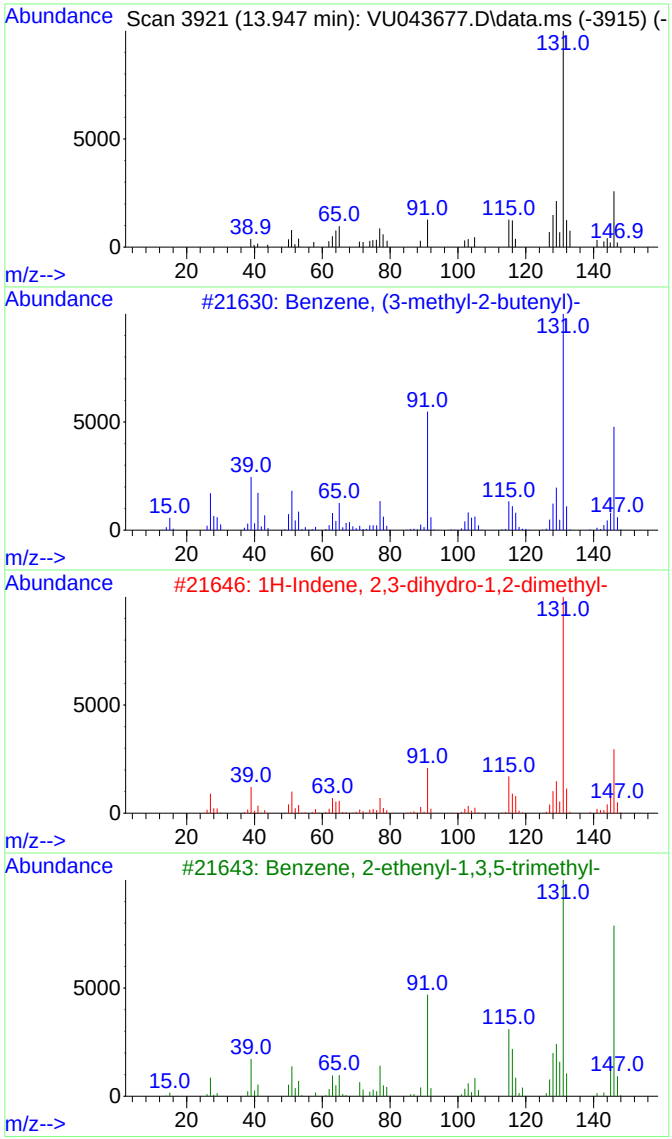
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260

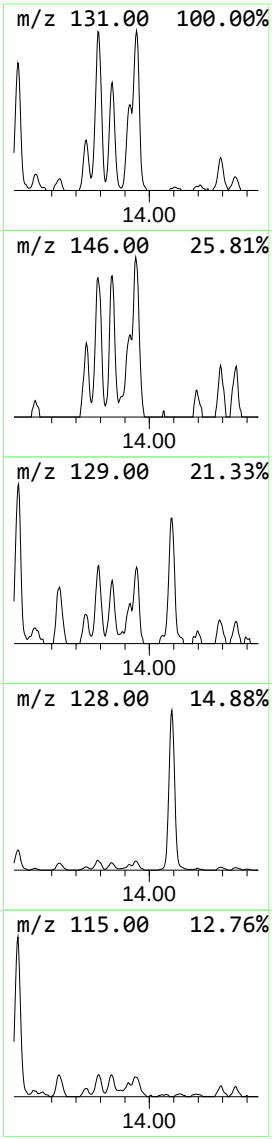
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (3-methyl-2-butenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.947	5.13 ug/l	67773	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	90
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
Data File : VU043677.D
Acq On : 12 May 2021 15:08
Operator : SY/MD
Sample : M2324-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : W-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.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-ethe...	12.102	13.1	ug/l	173271	4	11.816	660735	50.0
Benzene, 4-ethy...	12.578	13.4	ug/l	177424	4	11.816	660735	50.0
Benzene, 1-ethe...	12.687	13.3	ug/l	175063	4	11.816	660735	50.0
Benzene, 1,2,4,...	12.976	10.3	ug/l	135825	4	11.816	660735	50.0
Benzene, 1-ethe...	13.301	7.8	ug/l	103535	4	11.816	660735	50.0
Benzene, 2-ethe...	13.459	26.1	ug/l	344326	4	11.816	660735	50.0
Benzene, (1-met...	13.845	6.0	ug/l	79652	4	11.816	660735	50.0
Benzene, (3-met...	13.947	5.1	ug/l	67773	4	11.816	660735	50.0