LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
Data File : VU043178.D
Acq On : 16 Apr 2021 18:56
Operator : SY/MD
Sample : M1982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 109-GW-1

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\82U041221W.M
Title : SW846 8260

Signal : TIC: VU043178.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.707	723	736	752	rVB2	10799	24347	1.75%	0.129%
2	4.539	978	995	1014	rVB3	22859	55404	3.98%	0.294%
3	5.298	1216	1231	1244	rBV2	107819	229792	16.50%	1.220%
4	5.382	1244	1257	1274	rVV2	200893	455376	32.70%	2.417%
5	5.472	1276	1285	1300	rVB6	8892	22194	1.59%	0.118%
6	5.600	1311	1325	1335	rBV2	22490	50303	3.61%	0.267%
7	5.710	1347	1359	1375	rVB	122722	243143	17.46%	1.291%
8	5.854	1392	1404	1414	rBV3	24550	54360	3.90%	0.289%
9	5.925	1416	1426	1437	rVV6	22756	56810	4.08%	0.302%
10	5.996	1437	1448	1462	rVB3	36181	78292	5.62%	0.416%
11	6.141	1479	1493	1509	rBV3	25830	49288	3.54%	0.262%
12	6.256	1513	1529	1552	rBV	252282	493792	35.46%	2.621%
13	6.771	1667	1689	1709	rBV2	178217	395547	28.41%	2.100%
14	6.986	1745	1756	1771	rVB2	27519	51320	3.69%	0.272%
15	7.079	1771	1785	1800	rBV5	16293	32427	2.33%	0.172%
16	7.243	1827	1836	1851	rVB5	20417	41795	3.00%	0.222%
17	7.404	1874	1886	1904	rBV3	27675	61305	4.40%	0.325%
18	7.504	1904	1917	1925	rVV2	17173	32113	2.31%	0.170%
19	7.767	1986	1999	2015	rVB5	35712	68249	4.90%	0.362%
20	7.864	2015	2029	2032	rBV2	71671	115574	8.30%	0.614%
21	7.906	2033	2042	2057	rVV	419989	747060	53.65%	3.966%
22	8.044	2071	2085	2097	rVV7	26123	82769	5.94%	0.439%
23	8.102	2099	2103	2116	rVV4	24185	47011	3.38%	0.250%
24	8.166	2117	2123	2136	rVV5	11625	24242	1.74%	0.129%
25	8.250	2136	2149	2163	rVB2	57028	110511	7.94%	0.587%
26	8.375	2176	2188	2195	rBV2	31023	56959	4.09%	0.302%
27	8.417	2195	2201	2212	rVB2	21850	37289	2.68%	0.198%
28	8.812	2313	2324	2333	rVV6	28073	59308	4.26%	0.315%
29	8.870	2333	2342	2353	rVV2	75039	136112	9.77%	0.723%
30	8.931	2354	2361	2370	rVB	40298	63224	4.54%	0.336%
31	9.076	2393	2406	2417	rBV7	14633	30684	2.20%	0.163%
32	9.173	2428	2436	2446	rBV5	14363	30906	2.22%	0.164%
33	9.337	2478	2487	2498	rVB6	19518	37049	2.66%	0.197%
34	9.423	2501	2514	2528	rBV	363808	604404	43.40%	3.208%
35	9.517	2536	2543	2553	rVB2	26570	44993	3.23%	0.239%
36	9.578	2554	2562	2576	rVB3	18688	32224	2.31%	0.171%

LSC Area Percent Report

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Operator : SY/MD
Sample : M1982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 109-GW-1

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\82U041221W.M
Title : SW846 8260

37	9.716	2595	2605	2615	rVB7	25231	65319	4.69%	0.347%
38	9.896	2652	2661	2676	rBV4	15125	31067	2.23%	0.165%
39	10.037	2688	2705	2713	rBV6	25450	64211	4.61%	0.341%
40	10.243	2759	2769	2772	rBV5	17169	25874	1.86%	0.137%
41	10.279	2774	2780	2793	rVV2	46118	78438	5.63%	0.416%
42	10.365	2795	2807	2827	rVB10	40749	109838	7.89%	0.583%
43	10.491	2836	2846	2855	rBV	149007	226335	16.25%	1.201%
44	10.639	2879	2892	2904	rBV	310950	495876	35.61%	2.632%
45	10.703	2905	2912	2920	rVB3	21945	33011	2.37%	0.175%
46	10.819	2940	2948	2957	rVB4	20077	31577	2.27%	0.168%
47	10.912	2966	2977	2988	rBV	151266	235317	16.90%	1.249%
48	11.021	3003	3011	3019	rBV7	10934	20266	1.46%	0.108%
49	11.311	3088	3101	3116	rVV7	21079	54385	3.91%	0.289%
50	11.423	3129	3136	3143	rBV3	18542	25173	1.81%	0.134%
51	11.616	3186	3196	3200	rBV	39876	60517	4.35%	0.321%
52	11.648	3201	3206	3218	rVB	66127	101405	7.28%	0.538%
53	11.719	3224	3228	3246	rVB7	14209	27523	1.98%	0.146%
54	11.819	3246	3259	3272	rBV	389037	618188	44.39%	3.282%
55	11.902	3272	3285	3297	rBV	458863	720030	51.71%	3.822%
56	12.015	3312	3320	3329	rVB	43325	63552	4.56%	0.337%
57	12.102	3329	3347	3358	rBV2	561347	895082	64.28%	4.751%
58	12.192	3366	3375	3380	rBV2	78539	132969	9.55%	0.706%
59	12.311	3401	3412	3425	rBV2	55409	98227	7.05%	0.521%
60	12.578	3476	3495	3503	rBV	333883	530750	38.11%	2.817%
61	12.619	3503	3508	3520	rVV2	94404	153362	11.01%	0.814%
62	12.690	3520	3530	3549	rVB3	357319	783946	56.30%	4.162%
63	12.880	3571	3589	3601	rVB4	173778	373434	26.82%	1.982%
64	12.979	3602	3620	3632	rBV	258979	444913	31.95%	2.362%
65	13.050	3633	3642	3652	rVB6	21010	38568	2.77%	0.205%
66	13.118	3652	3663	3676	rVB3	71715	130815	9.39%	0.694%
67	13.208	3680	3691	3700	rBV2	61332	113441	8.15%	0.602%
68	13.262	3701	3708	3713	rBV4	40296	53752	3.86%	0.285%
69	13.301	3713	3720	3727	rVB	85834	111145	7.98%	0.590%
70	13.459	3745	3769	3786	rBV2	758442	1392518	100.00%	7.392%
71	13.568	3797	3803	3809	rVV	37999	45123	3.24%	0.240%
72	13.632	3814	3823	3848	rVB3	185809	334764	24.04%	1.777%
73	13.745	3848	3858	3864	rBV	43110	75532	5.42%	0.401%
74	13.793	3865	3873	3880	rVV	82426	145214	10.43%	0.771%
75	13.844	3880	3889	3898	rVV4	151379	286186	20.55%	1.519%
76	13.918	3900	3912	3916	rVV4	79003	175735	12.62%	0.933%

LSC Area Percent Report

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Operator : SY/MD
Sample : M1982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 109-GW-1

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

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Title : SW846 8260

77	13.951	3917	3922	3942	rVB2	120955	292065	20.97%	1.550%
78	14.092	3944	3966	3986	rBV	703486	1331245	95.60%	7.067%
79	14.198	3992	3999	4012	rVB7	23276	39228	2.82%	0.208%
80	14.301	4023	4031	4040	rVV3	58491	112999	8.11%	0.600%
81	14.356	4041	4048	4058	rVV5	35673	67098	4.82%	0.356%
82	14.491	4079	4090	4095	rBV5	29894	50544	3.63%	0.268%
83	14.529	4096	4102	4111	rVB5	27691	41610	2.99%	0.221%
84	14.613	4115	4128	4136	rBV5	9702	21771	1.56%	0.116%
85	14.677	4137	4148	4163	rBV5	75397	190869	13.71%	1.013%
86	14.819	4184	4192	4202	rVV	34270	61789	4.44%	0.328%
87	14.883	4204	4212	4224	rVV3	40471	70077	5.03%	0.372%
88	14.947	4224	4232	4245	rVB4	23134	38987	2.80%	0.207%
89	15.028	4245	4257	4280	rBV5	59865	131759	9.46%	0.699%
90	15.230	4306	4320	4330	rVV	526716	832249	59.77%	4.418%
91	15.278	4331	4335	4349	rVB5	34278	53292	3.83%	0.283%
92	15.352	4350	4358	4365	rBV3	16317	22608	1.62%	0.120%
93	15.417	4366	4378	4391	rBV	511804	823886	59.17%	4.374%
94	15.934	4527	4539	4553	rVB7	12830	28512	2.05%	0.151%
95	16.156	4593	4608	4614	rBV	30816	51728	3.71%	0.275%
96	16.192	4615	4619	4627	rVB3	18260	24066	1.73%	0.128%
97	16.272	4629	4644	4660	rBV	64637	121115	8.70%	0.643%
98	16.417	4679	4689	4696	rBV	89068	144825	10.40%	0.769%
99	16.455	4696	4701	4716	rVB2	63008	95774	6.88%	0.508%
100	16.645	4756	4760	4772	rVB4	18318	30343	2.18%	0.161%

Sum of corrected areas: 18837993

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
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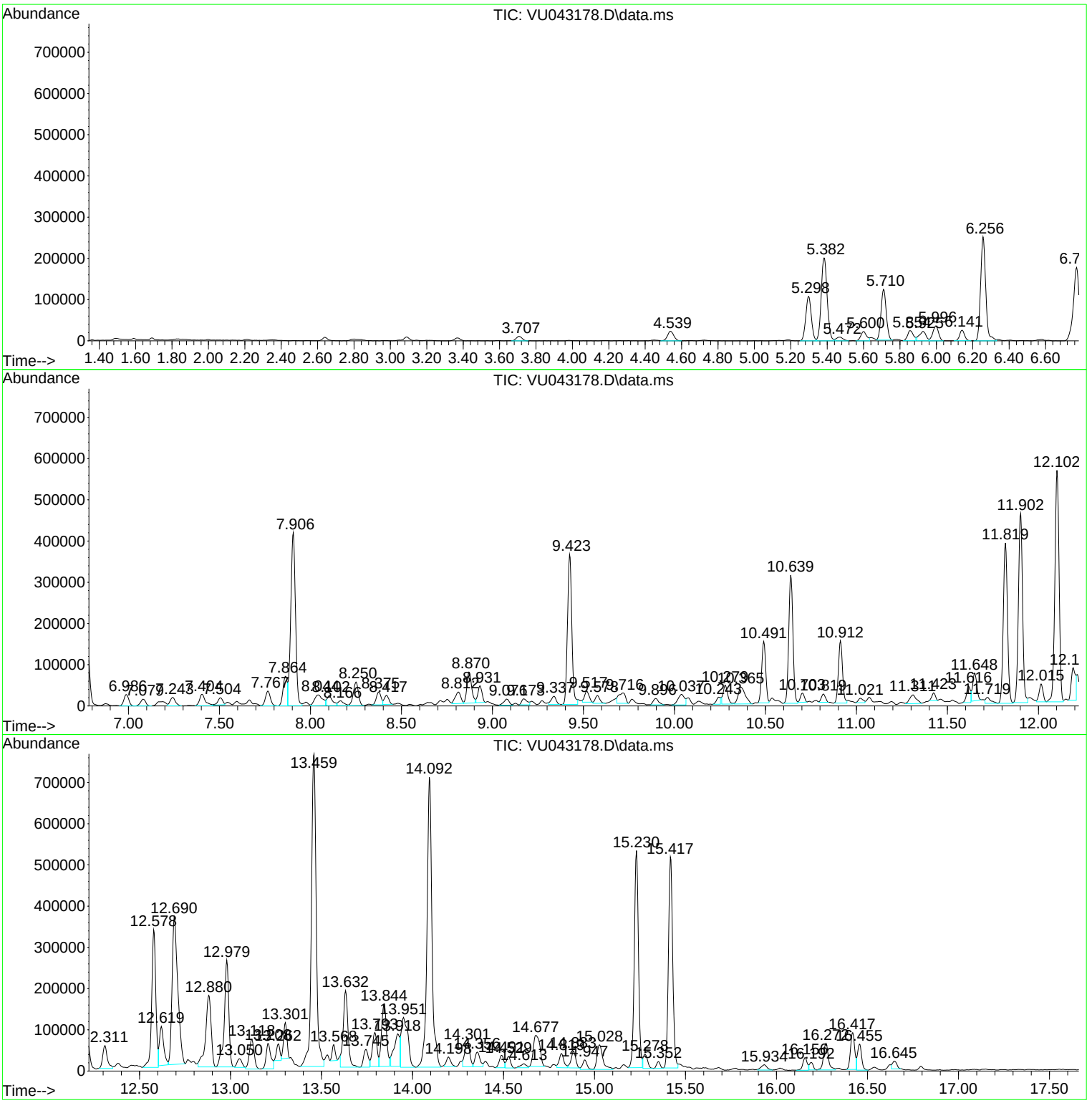
Operator : SY/MD
Sample : M1982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
109-GW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
Data File : VU043178.D
Acq On : 16 Apr 2021 18:56
Operator : SY/MD
Sample : M1982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
109-GW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

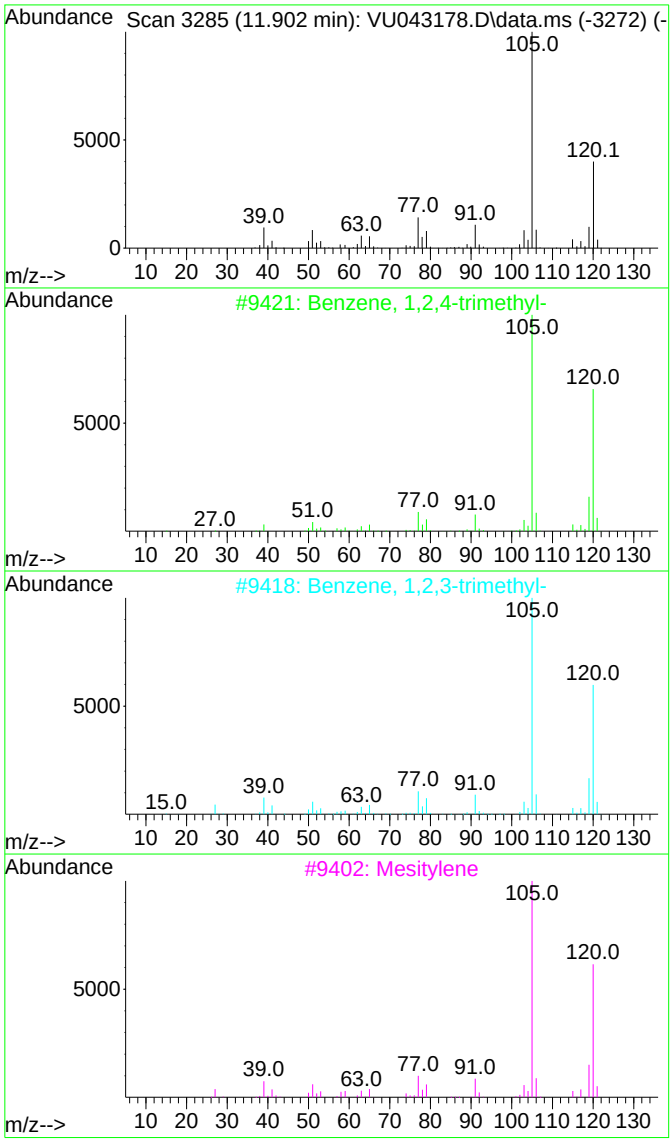
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

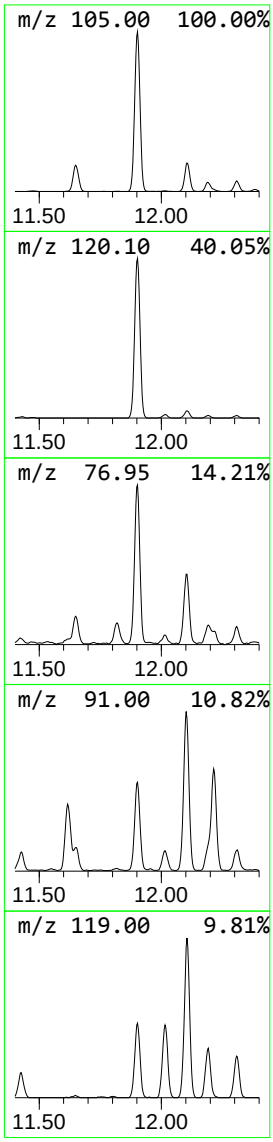
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.902	58.24 ug/l	720030	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
Data File : VU043178.D
Acq On : 16 Apr 2021 18:56
Operator : SY/MD
Sample : M1982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
109-GW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

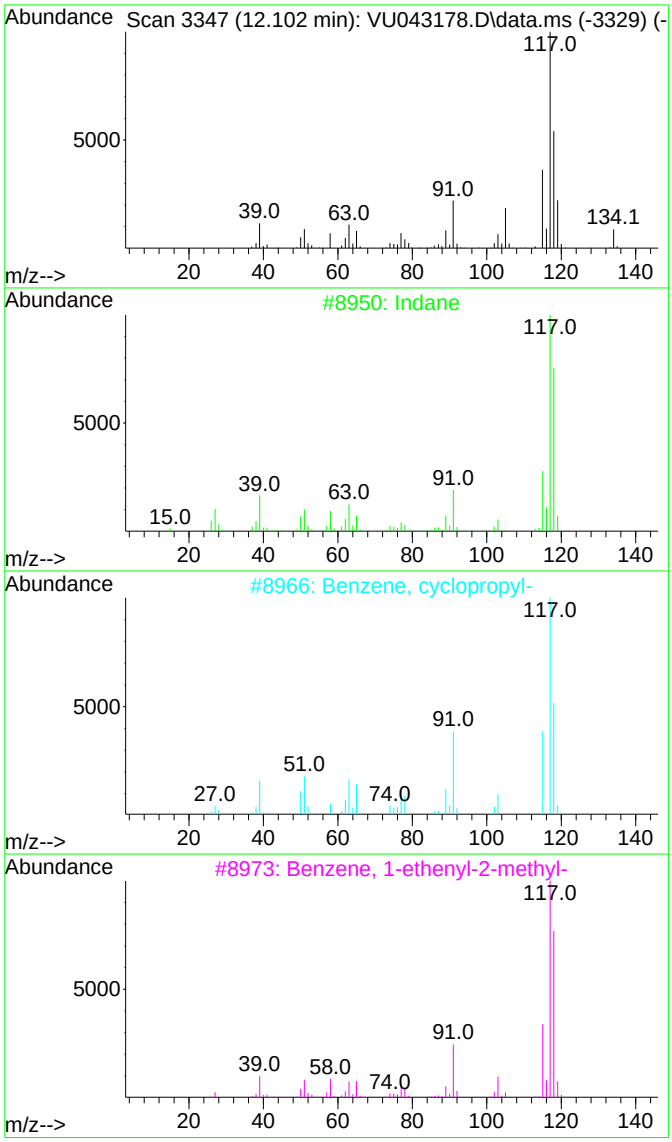
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

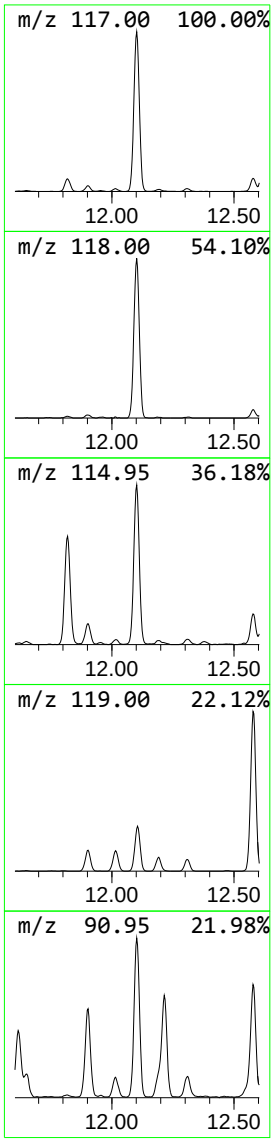
****

Peak Number 2 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.102	72.40 ug/l	895082	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	70
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	70
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68





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Operator : SY/MD
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
109-GW-1

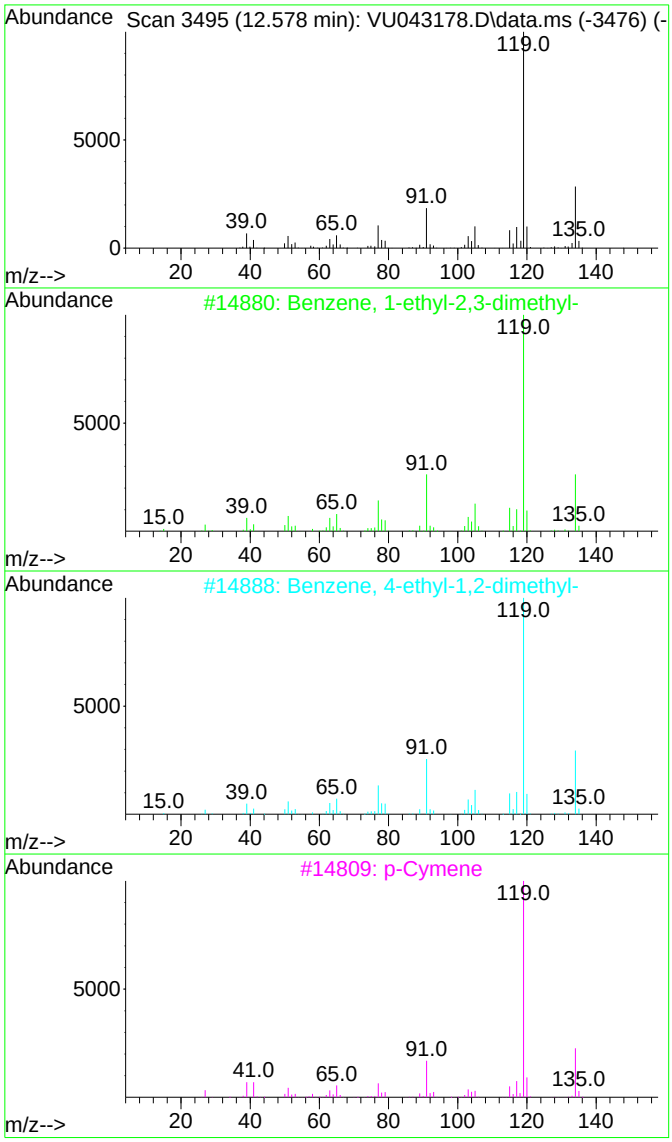
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

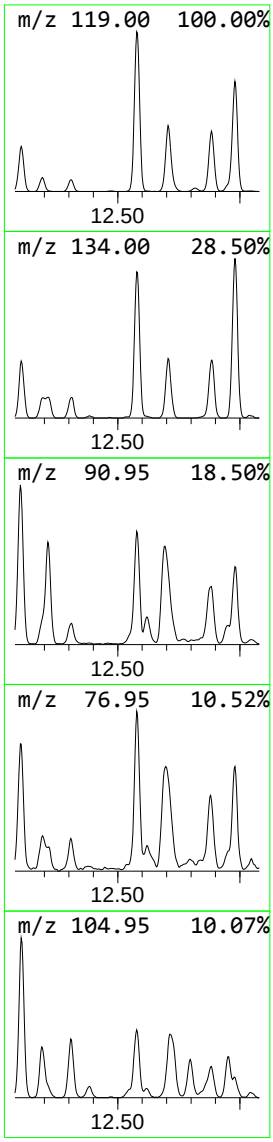
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.578	42.93 ug/l	530750	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	p-Cymene	134	C10H14	000099-87-6	95
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\VU041621\
Data File : VU043178.D
Acq On : 16 Apr 2021 18:56
Operator : SY/MD
Sample : M1982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
109-GW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

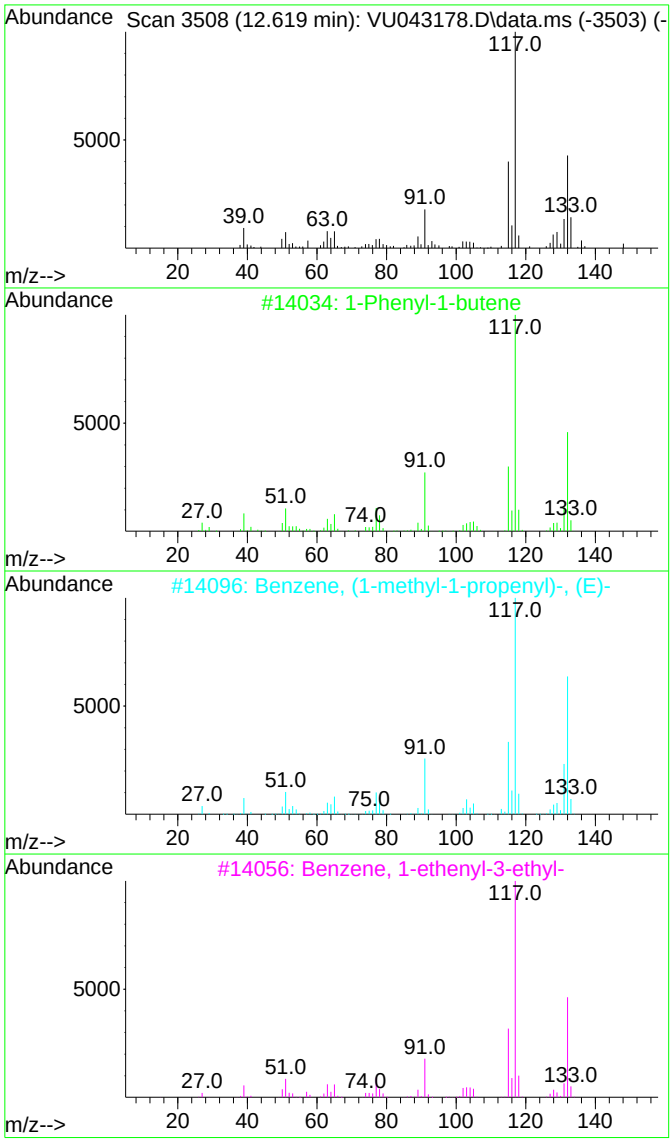
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

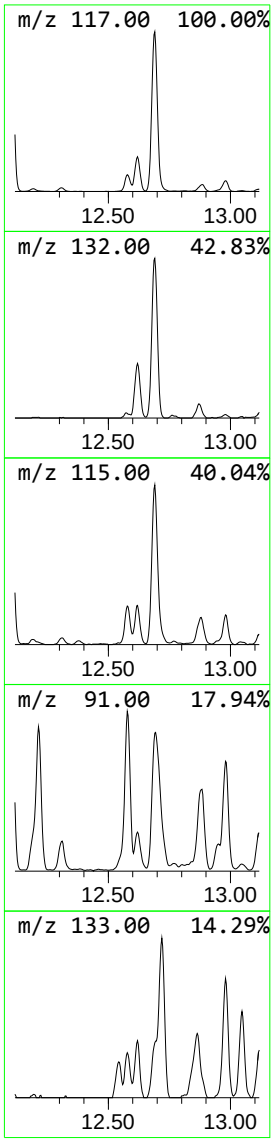
****

Peak Number 4 1-Phenyl-1-butene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.619	12.40 ug/l	153362	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	72
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	70
5	Indan, 1-methyl-	132	C10H12	000767-58-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
Data File : VU043178.D
Acq On : 16 Apr 2021 18:56
Operator : SY/MD
Sample : M1982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
109-GW-1

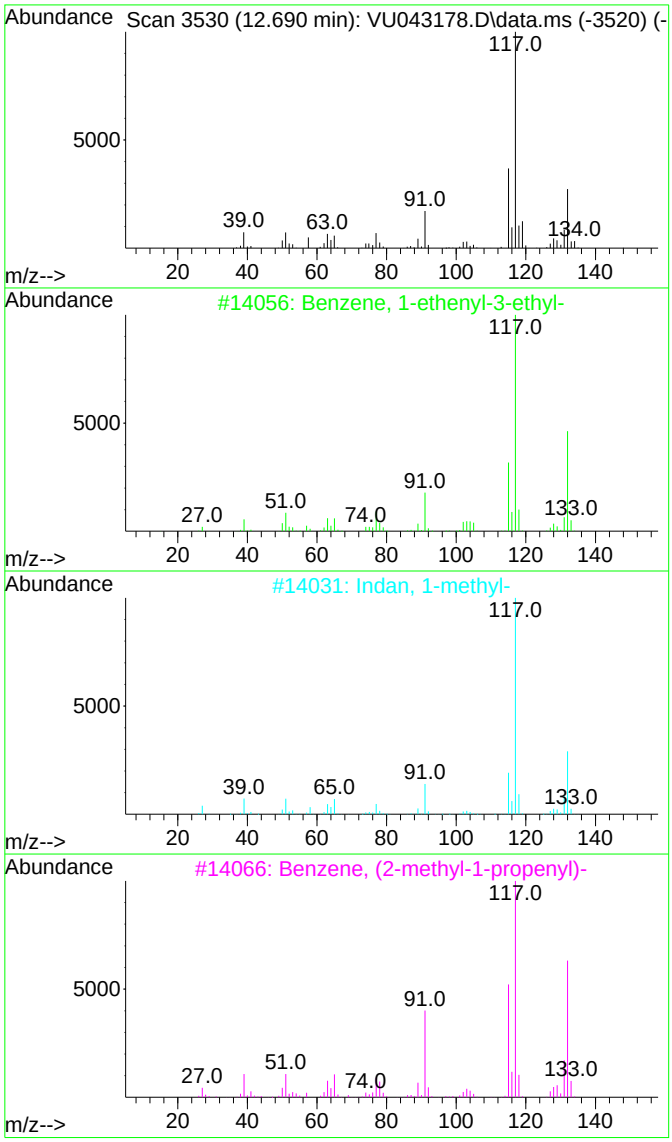
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

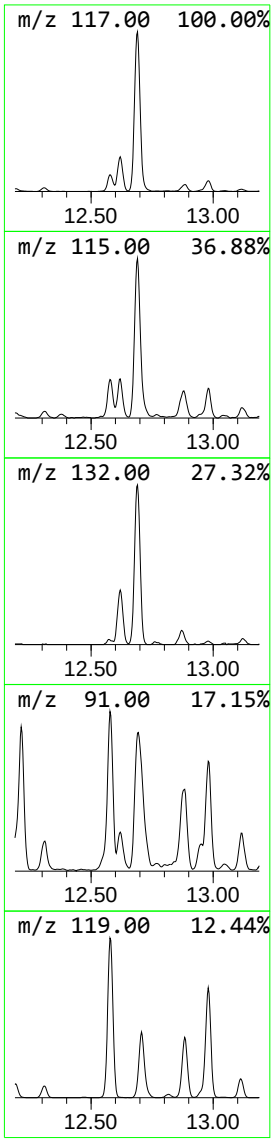
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.690	63.41 ug/l	783946	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





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Data File : VU043178.D
Acq On : 16 Apr 2021 18:56
Operator : SY/MD
Sample : M1982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
109-GW-1

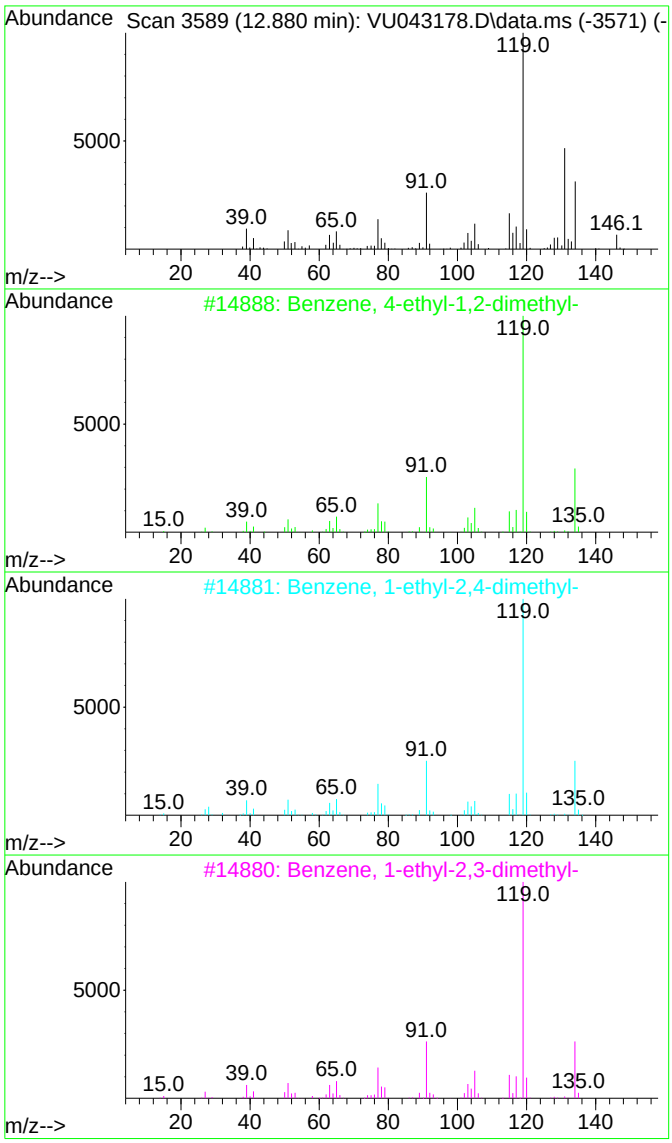
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

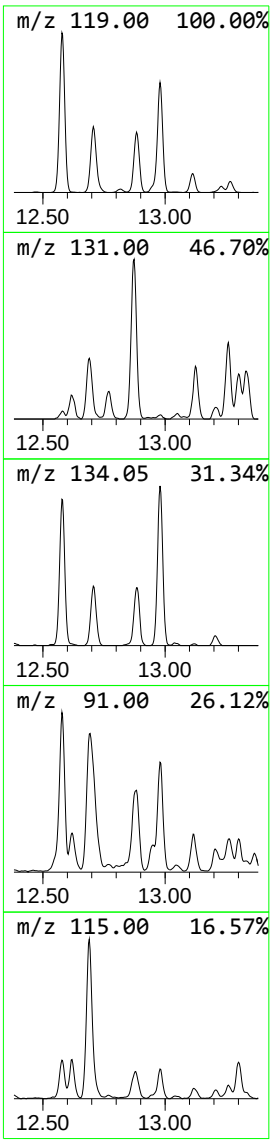
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.880	30.20 ug/l	373434	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64





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Acq On : 16 Apr 2021 18:56
Operator : SY/MD
Sample : M1982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
109-GW-1

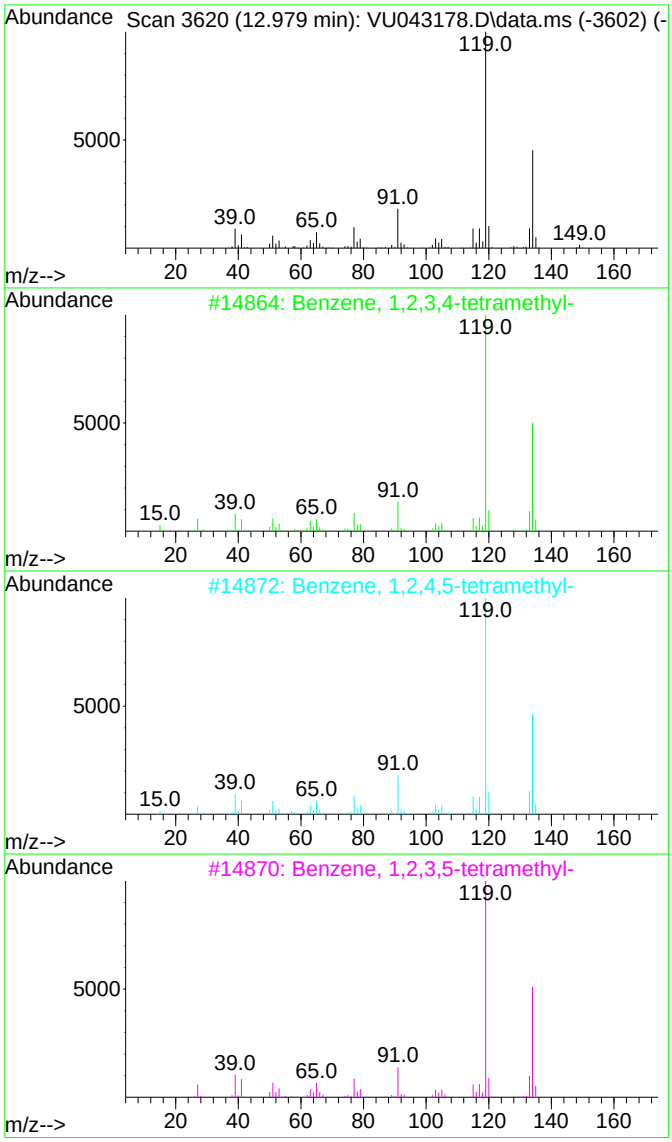
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

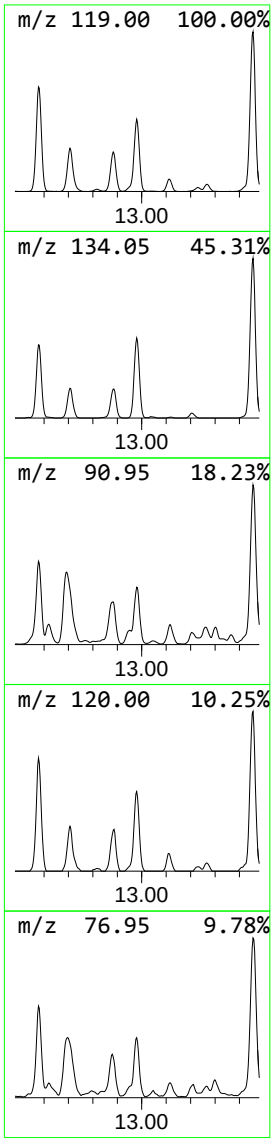
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	35.99 ug/l	444913	1,4-Dichlorobenzene-d4	11.819

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	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	o-Cymene	134	C10H14	000527-84-4	94





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Data File : VU043178.D
Acq On : 16 Apr 2021 18:56
Operator : SY/MD
Sample : M1982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
109-GW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

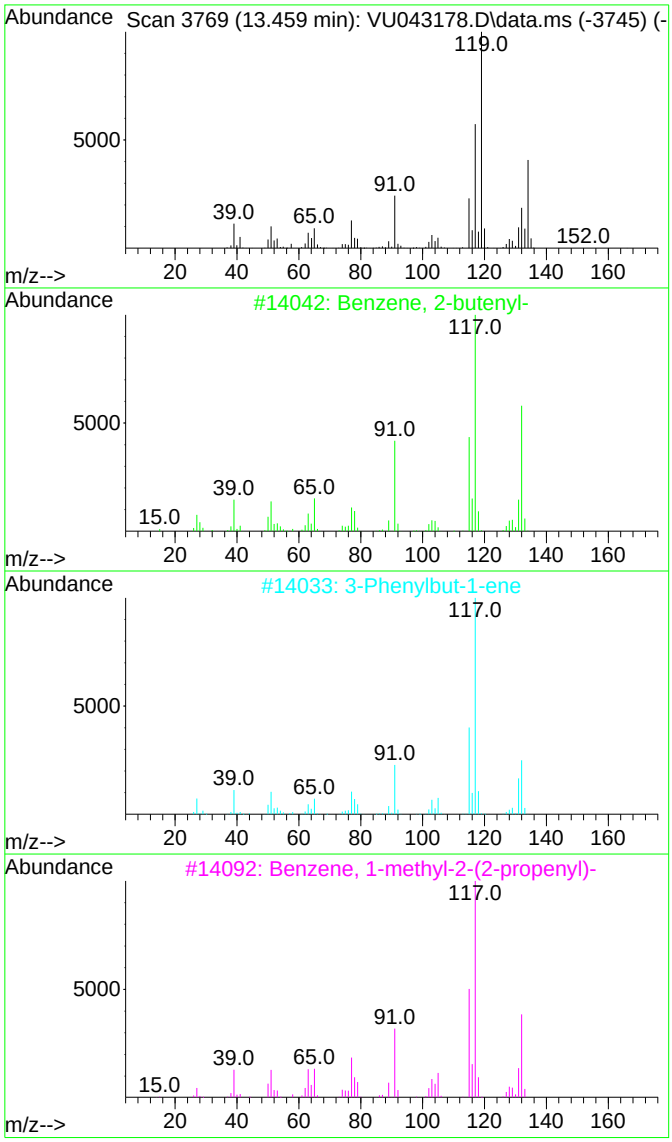
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

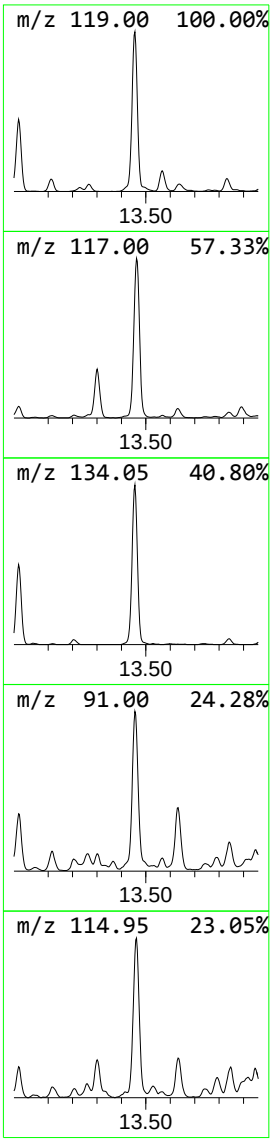
****

Peak Number 8 Benzene, 2-butenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.459	112.63 ug/l	1392520	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	74
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
4	p-Cymene	134	C10H14	000099-87-6	64
5	o-Cymene	134	C10H14	000527-84-4	64





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Data File : VU043178.D
Acq On : 16 Apr 2021 18:56
Operator : SY/MD
Sample : M1982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
109-GW-1

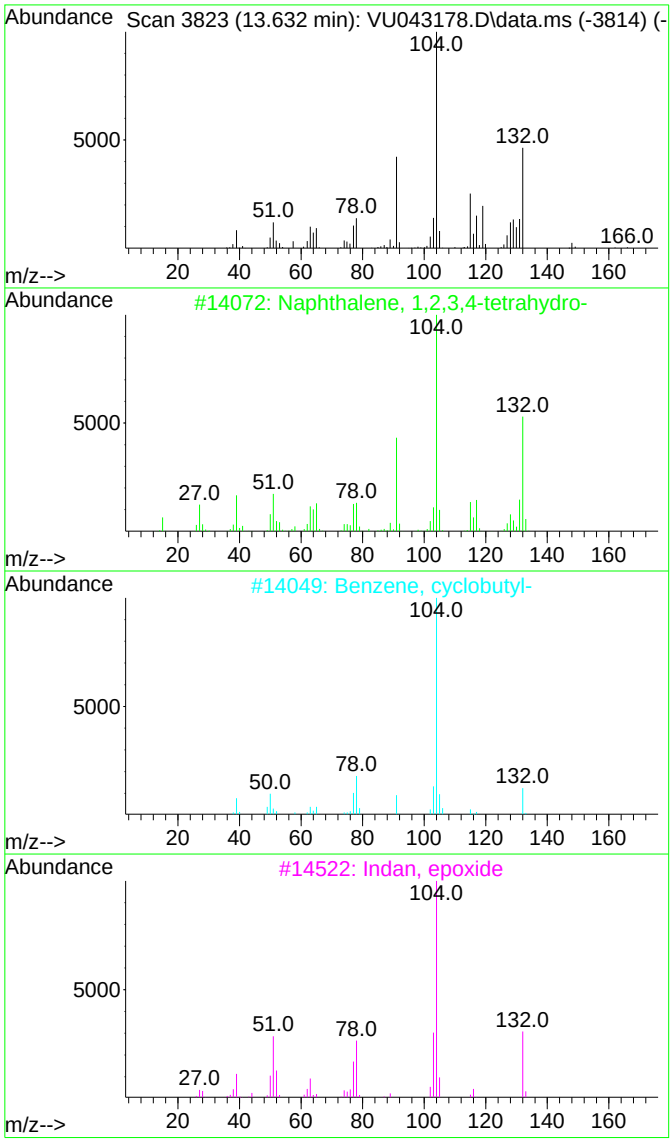
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

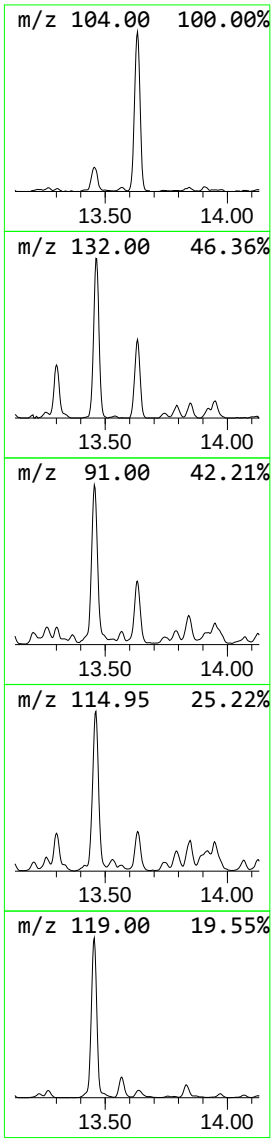
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.632	27.08 ug/l	334764	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
2	Benzene, cyclobutyl-	132	C10H12	004392-30-7	47
3	Indan, epoxide	132	C9H8O	000768-22-9	46
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	43
5	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	38





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Data File : VU043178.D
Acq On : 16 Apr 2021 18:56
Operator : SY/MD
Sample : M1982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
109-GW-1

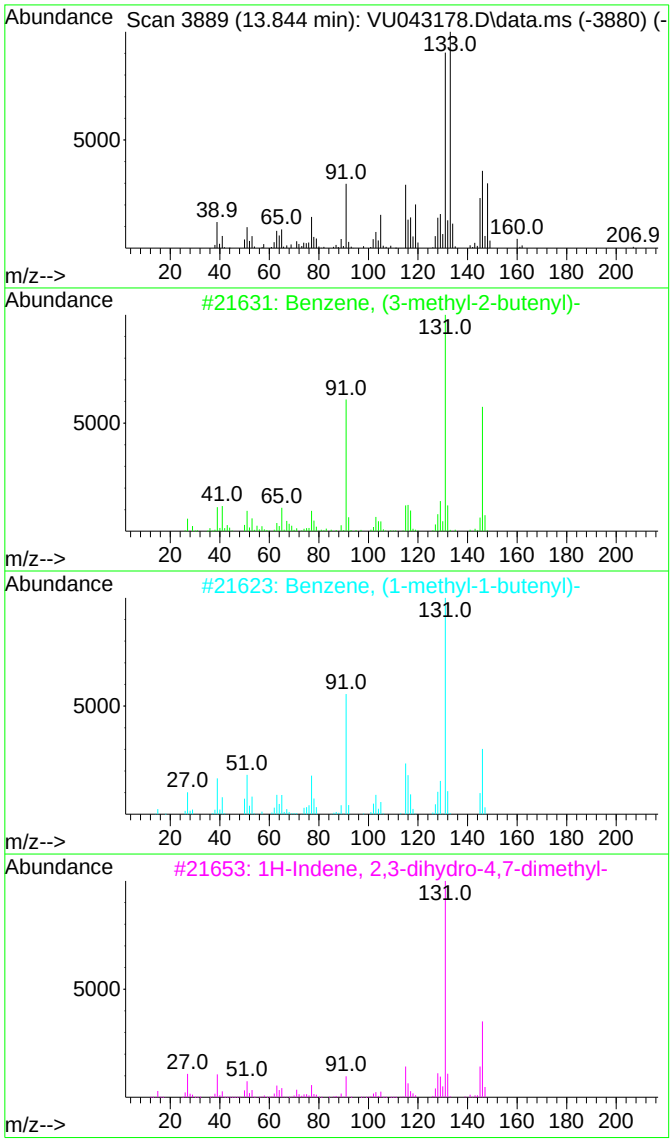
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

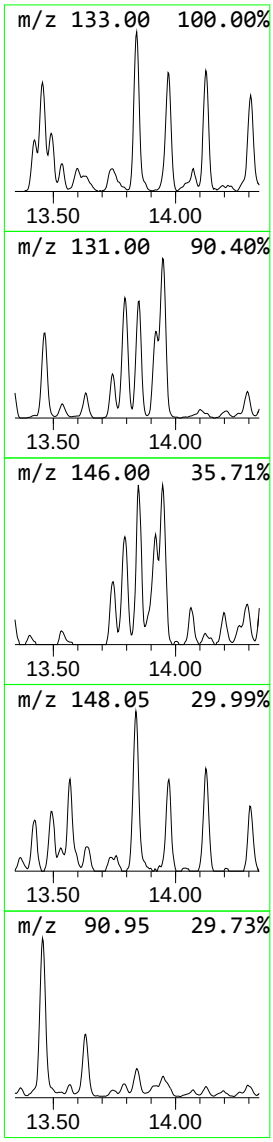
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, (3-methyl-2-butenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.844	23.15 ug/l	286186	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	46
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	46





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Acq On : 16 Apr 2021 18:56
Operator : SY/MD
Sample : M1982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
109-GW-1

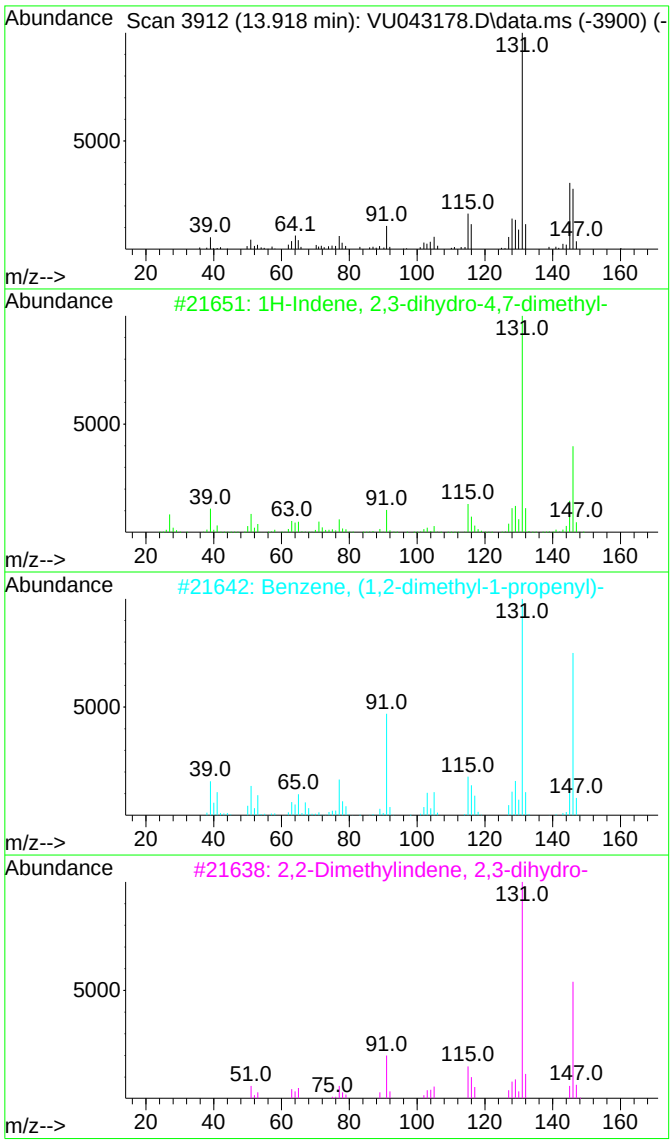
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

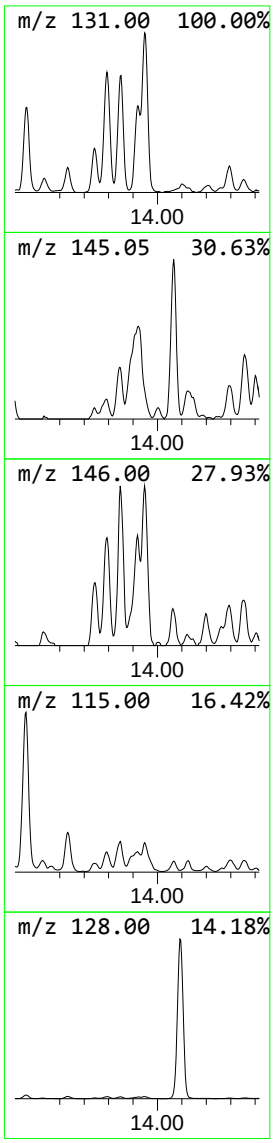
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.918	14.21 ug/l	175735	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87





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Data File : VU043178.D
Acq On : 16 Apr 2021 18:56
Operator : SY/MD
Sample : M1982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
109-GW-1

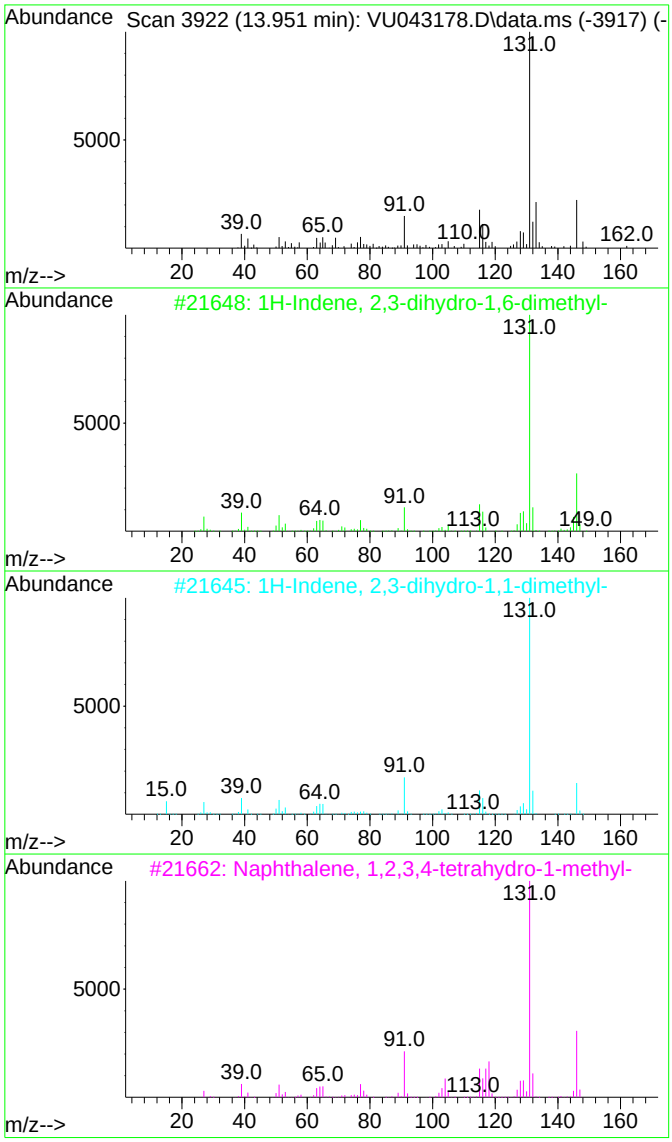
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

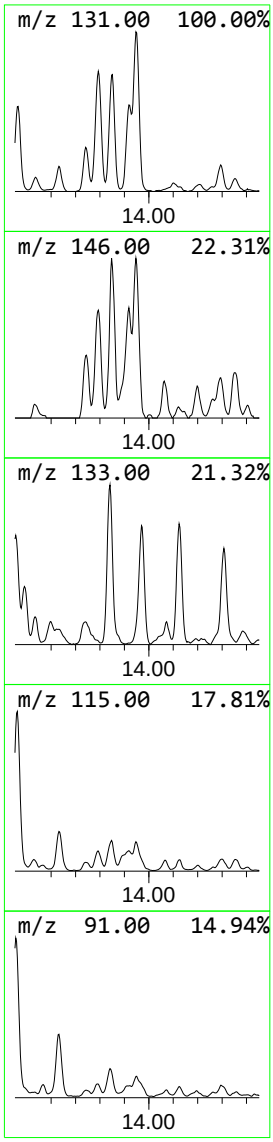
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.951	23.62 ug/l	292065	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	83
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	72
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	72
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	59





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Data File : VU043178.D
Acq On : 16 Apr 2021 18:56
Operator : SY/MD
Sample : M1982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
109-GW-1

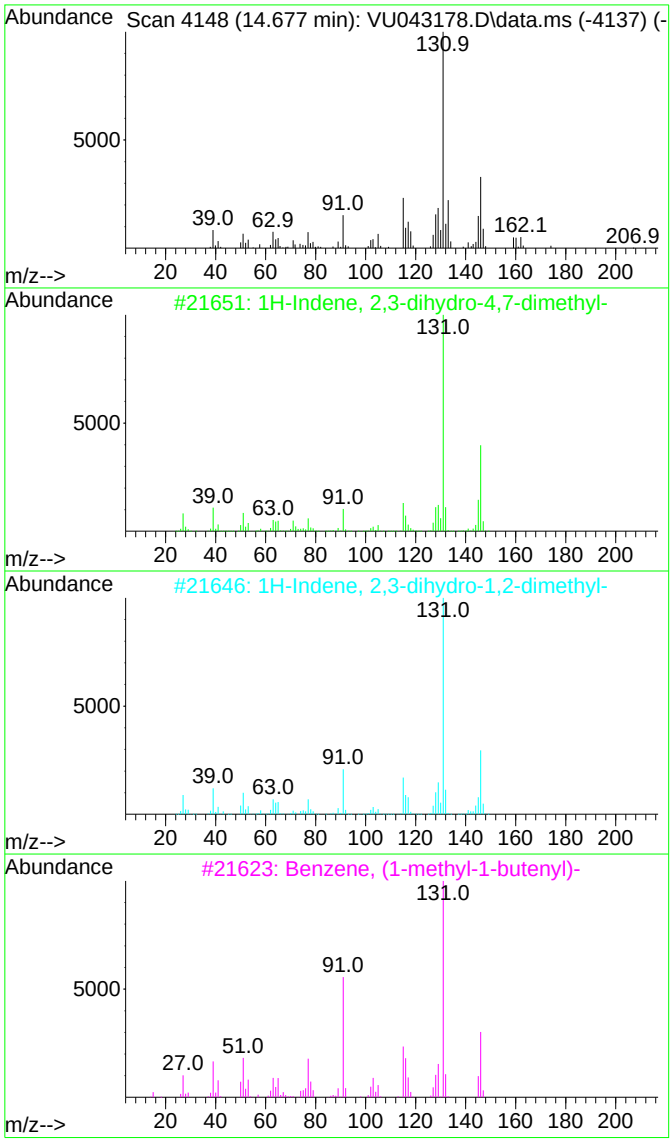
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

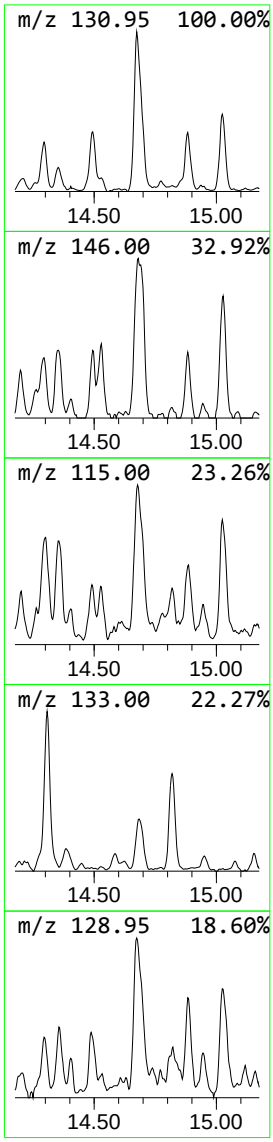
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.677	15.44 ug/l	190869	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	76





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Data File : VU043178.D
Acq On : 16 Apr 2021 18:56
Operator : SY/MD
Sample : M1982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
109-GW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

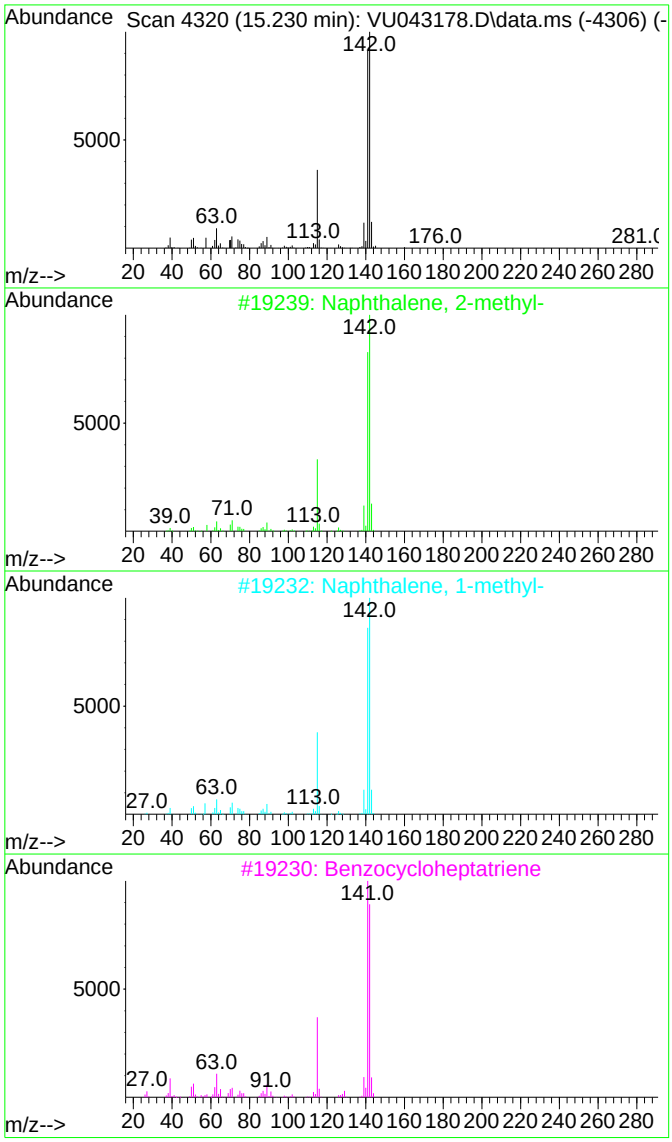
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

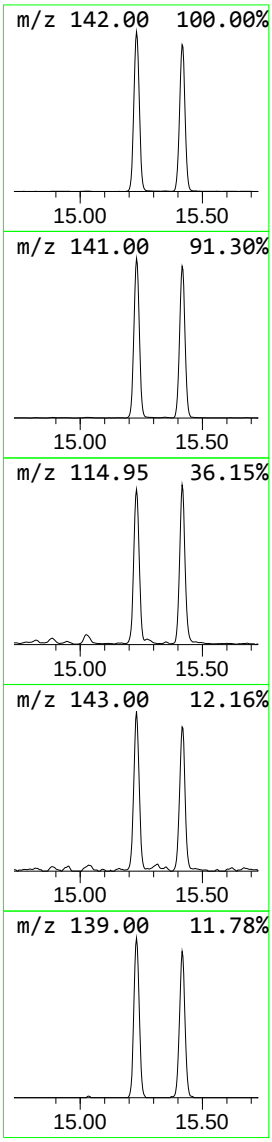
****

Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.230	67.31 ug/l	832249	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91





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Data File : VU043178.D
Acq On : 16 Apr 2021 18:56
Operator : SY/MD
Sample : M1982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
109-GW-1

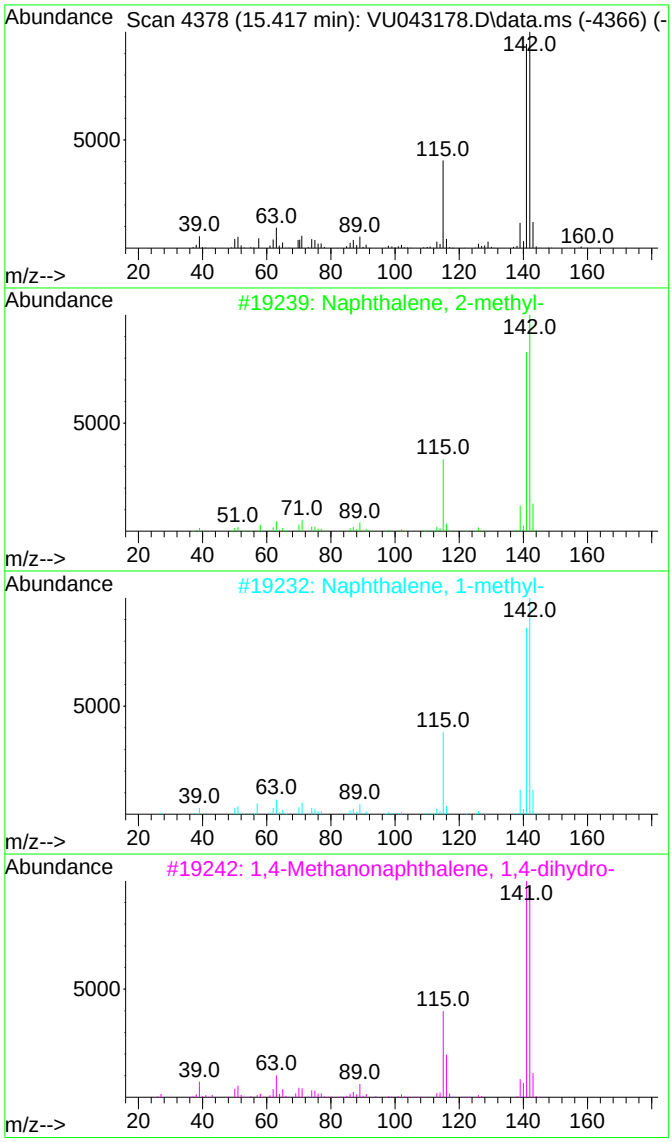
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

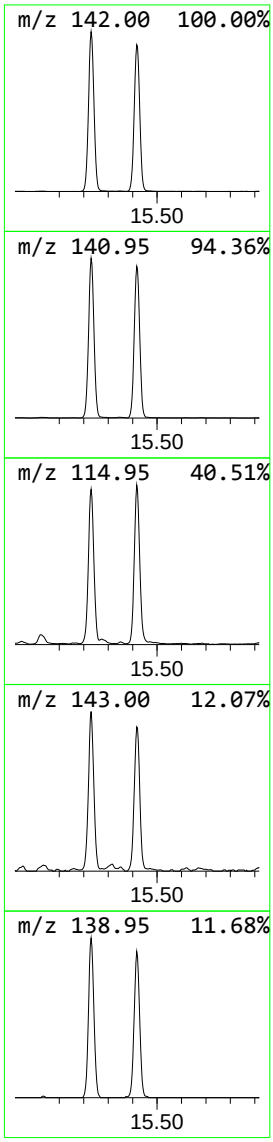
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,4-Methanonaphthalene, 1,4... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.417	66.64 ug/l	823886	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
Data File : VU043178.D
Acq On : 16 Apr 2021 18:56
Operator : SY/MD
Sample : M1982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 109-GW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.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-...	11.902	58.2	ug/l	720030	4	11.819	618188	50.0
Indane	12.102	72.4	ug/l	895082	4	11.819	618188	50.0
Benzene, 1-ethy...	12.578	42.9	ug/l	530750	4	11.819	618188	50.0
1-Phenyl-1-butene	12.619	12.4	ug/l	153362	4	11.819	618188	50.0
Benzene, 1-ethe...	12.690	63.4	ug/l	783946	4	11.819	618188	50.0
Benzene, 4-ethy...	12.880	30.2	ug/l	373434	4	11.819	618188	50.0
Benzene, 1,2,3,...	12.980	36.0	ug/l	444913	4	11.819	618188	50.0
Benzene, 2-bute...	13.459	112.6	ug/l	1392520	4	11.819	618188	50.0
Naphthalene, 1,...	13.632	27.1	ug/l	334764	4	11.819	618188	50.0
Benzene, (3-met...	13.844	23.1	ug/l	286186	4	11.819	618188	50.0
1H-Indene, 2,3-...	13.918	14.2	ug/l	175735	4	11.819	618188	50.0
1H-Indene, 2,3-...	13.951	23.6	ug/l	292065	4	11.819	618188	50.0
1H-Indene, 2,3-...	14.677	15.4	ug/l	190869	4	11.819	618188	50.0
Naphthalene, 1-...	15.230	67.3	ug/l	832249	4	11.819	618188	50.0
1,4-Methanonaph...	15.417	66.6	ug/l	823886	4	11.819	618188	50.0