LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
Data File : VU043046.D
Acq On : 13 Apr 2021 13:09
Operator : SY/MD
Sample : M1952-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41738

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: VU043046.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.379	290	323	374	rBV2	126293	892222	57.32%	6.115%
2	2.642	391	405	432	rBV	100949	227201	14.60%	1.557%
3	3.369	619	631	647	rVB2	7107	16138	1.04%	0.111%
4	4.002	813	828	846	rVB5	7518	19899	1.28%	0.136%
5	4.723	1039	1052	1076	rBV	17397	44558	2.86%	0.305%
6	5.298	1216	1231	1244	rBV2	123030	259614	16.68%	1.779%
7	5.382	1244	1257	1276	rVB	191421	389779	25.04%	2.671%
8	5.710	1344	1359	1371	rBV	140282	285880	18.36%	1.959%
9	5.784	1371	1382	1400	rVB	117146	236827	15.21%	1.623%
10	6.256	1515	1529	1546	rBV	284354	536904	34.49%	3.680%
11	6.780	1680	1692	1714	rBV	14504	30098	1.93%	0.206%
12	7.906	2027	2042	2053	rBV	448500	770168	49.48%	5.278%
13	7.976	2053	2064	2081	rVB	919195	1556671	100.00%	10.669%
14	9.423	2501	2514	2534	rBV	414049	677830	43.54%	4.646%
15	9.578	2550	2562	2577	rBV	151365	240553	15.45%	1.649%
16	9.700	2585	2600	2616	rBV	663055	1079347	69.34%	7.398%
17	9.925	2658	2670	2680	rBV3	19863	30630	1.97%	0.210%
18	10.108	2713	2727	2744	rBV	501698	800261	51.41%	5.485%
19	10.639	2879	2892	2919	rBV	355900	564872	36.29%	3.871%
20	10.912	2966	2977	2987	rBV	27963	42171	2.71%	0.289%
21	11.005	2991	3006	3024	rVV	186141	398311	25.59%	2.730%
22	11.095	3024	3034	3049	rVB	120539	187431	12.04%	1.285%
23	11.298	3086	3097	3111	rBV	115913	181690	11.67%	1.245%
24	11.475	3139	3152	3167	rBV	401523	618994	39.76%	4.242%
25	11.751	3229	3238	3246	rBV3	12717	17974	1.15%	0.123%
26	11.819	3246	3259	3273	rVB	454426	707830	45.47%	4.851%
27	11.902	3273	3285	3302	rBV	248424	406399	26.11%	2.785%
28	12.102	3328	3347	3354	rBV2	129466	237887	15.28%	1.630%
29	12.198	3365	3377	3397	rVB3	78794	138273	8.88%	0.948%
30	12.314	3403	3413	3424	rBV3	14355	24120	1.55%	0.165%
31	12.385	3424	3435	3446	rVB	27345	41937	2.69%	0.287%
32	12.471	3452	3462	3467	rBV	47082	73534	4.72%	0.504%
33	12.504	3467	3472	3483	rVB2	43698	62199	4.00%	0.426%
34	12.577	3483	3495	3503	rBV	100193	150419	9.66%	1.031%
35	12.619	3503	3508	3519	rVB3	16348	22776	1.46%	0.156%
36	12.690	3519	3530	3551	rBV3	45426	103156	6.63%	0.707%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
Data File : VU043046.D
Acq On : 13 Apr 2021 13:09
Operator : SY/MD
Sample : M1952-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41738

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	12.883	3578	3590	3604	rVB	41861	66487	4.27%	0.456%
38	12.979	3604	3620	3628	rBV	76942	121020	7.77%	0.829%
39	13.034	3628	3637	3651	rVB	131702	198750	12.77%	1.362%
40	13.114	3653	3662	3667	rBV4	10968	18203	1.17%	0.125%
41	13.301	3712	3720	3731	rVB	57289	87242	5.60%	0.598%
42	13.413	3746	3755	3759	rBV2	14806	23354	1.50%	0.160%
43	13.462	3759	3770	3783	rVB3	223227	377842	24.27%	2.590%
44	13.632	3811	3823	3837	rVB2	66411	113154	7.27%	0.776%
45	13.741	3846	3857	3865	rBV8	19097	34041	2.19%	0.233%
46	13.793	3865	3873	3880	rVV2	29053	49351	3.17%	0.338%
47	13.844	3880	3889	3905	rVV6	53236	130607	8.39%	0.895%
48	13.918	3906	3912	3915	rVV3	19503	28681	1.84%	0.197%
49	13.950	3915	3922	3939	rVB4	36658	86718	5.57%	0.594%
50	14.092	3952	3966	3986	rVB	62487	117373	7.54%	0.804%
51	14.198	3987	3999	4013	rVB3	35303	61905	3.98%	0.424%
52	14.294	4013	4029	4039	rBV3	47608	88664	5.70%	0.608%
53	14.352	4039	4047	4057	rVB2	21071	33721	2.17%	0.231%
54	14.494	4081	4091	4105	rVB	44043	66805	4.29%	0.458%
55	14.693	4136	4153	4171	rBV3	97801	226663	14.56%	1.553%
56	14.815	4183	4191	4200	rBV2	25771	38162	2.45%	0.262%
57	14.886	4203	4213	4223	rVB4	44118	74577	4.79%	0.511%
58	15.024	4243	4256	4268	rBV2	69726	120362	7.73%	0.825%
59	15.208	4303	4313	4317	rBV3	38312	60204	3.87%	0.413%
60	15.278	4327	4335	4350	rVB4	28018	51919	3.34%	0.356%
61	15.356	4350	4359	4368	rBV8	9724	16311	1.05%	0.112%
62	15.417	4368	4378	4388	rVV3	20865	37585	2.41%	0.258%
63	15.474	4388	4396	4402	rVV5	19070	34414	2.21%	0.236%
64	15.510	4402	4407	4418	rVB8	14754	22768	1.46%	0.156%
65	15.587	4421	4431	4444	rBV3	16742	37929	2.44%	0.260%
66	15.770	4472	4488	4498	rBV5	7998	16258	1.04%	0.111%
67	15.934	4526	4539	4555	rBV2	36431	75057	4.82%	0.514%

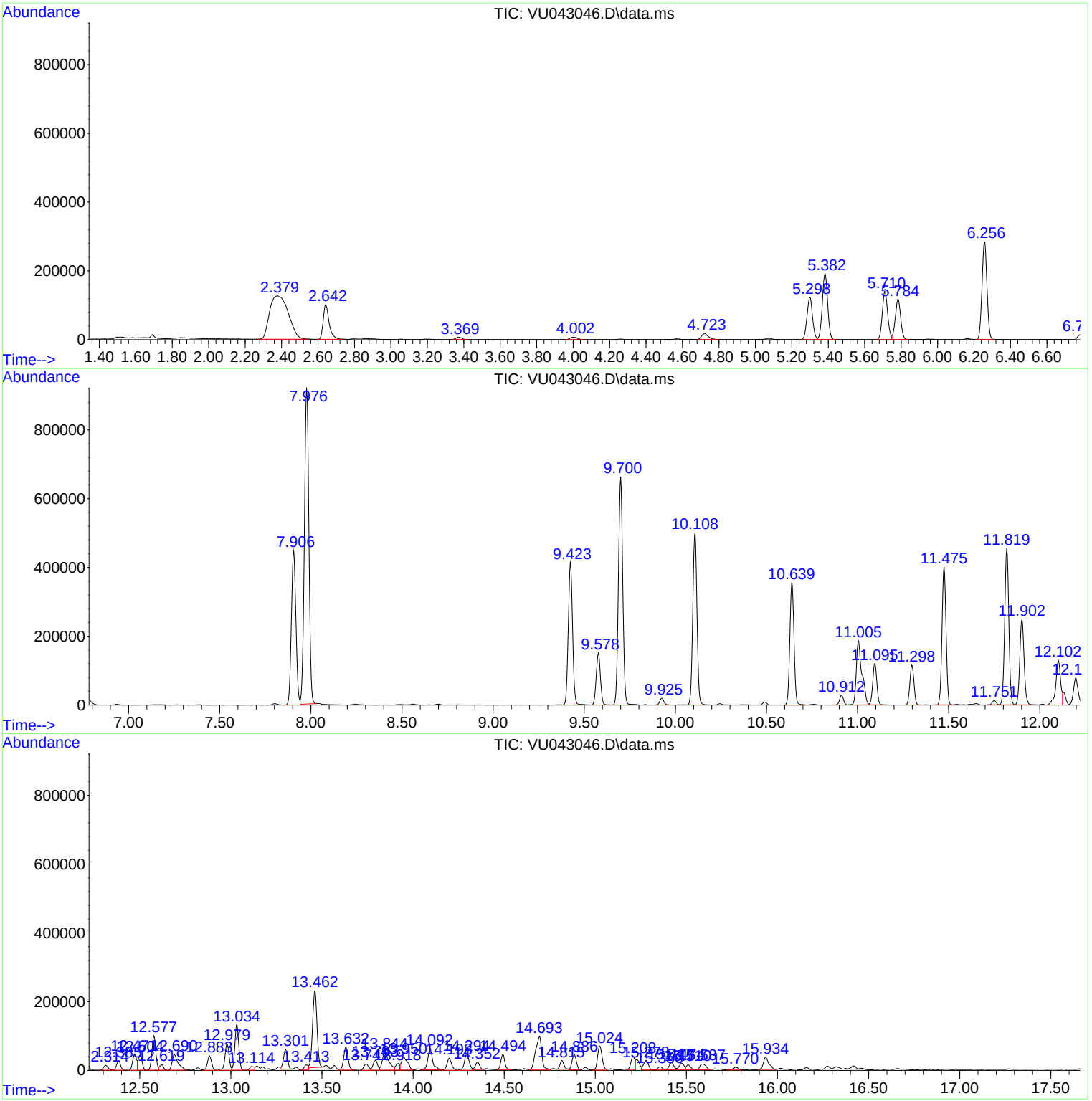
Sum of corrected areas: 14590680

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
Data File : VU043046.D
Acq On : 13 Apr 2021 13:09
Operator : SY/MD
Sample : M1952-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
41738

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\VU041321\
Data File : VU043046.D
Acq On : 13 Apr 2021 13:09
Operator : SY/MD
Sample : M1952-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41738

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

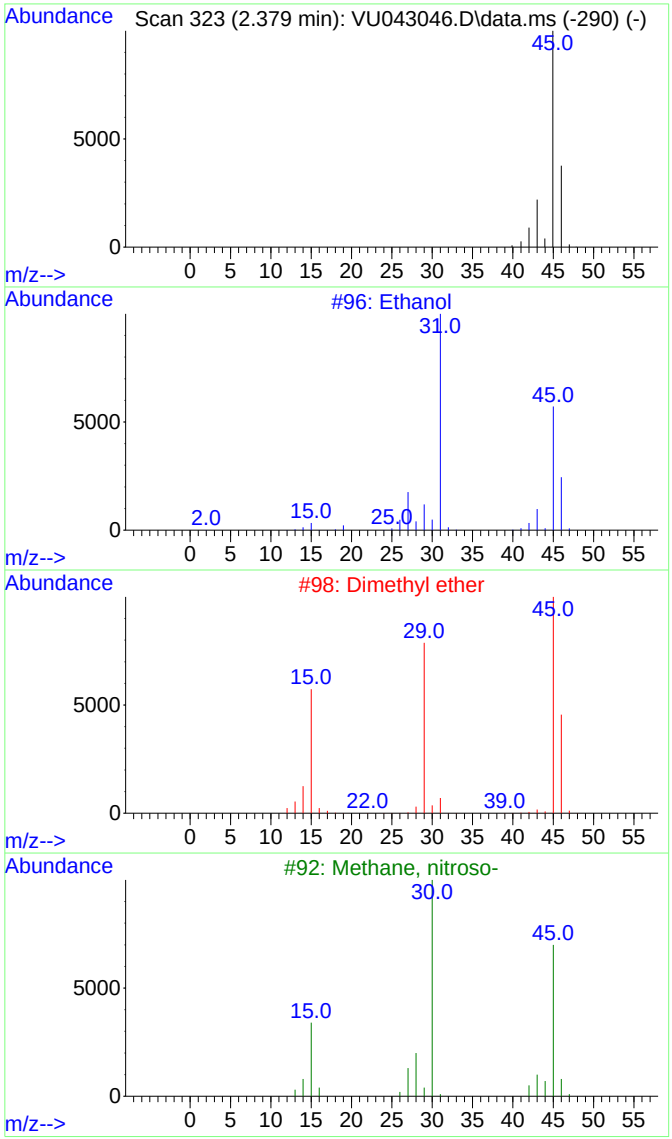
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

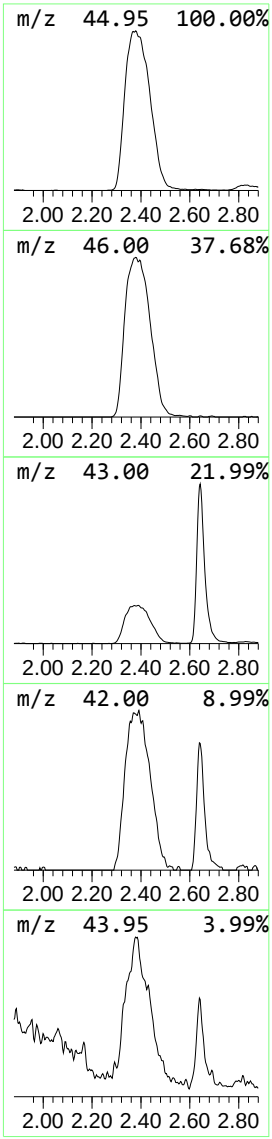
****

Peak Number 1 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.379	114.45 ug/l	892222	Pentafluorobenzene	5.382

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	74
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	Formamide	45	CH3NO	000075-12-7	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
Data File : VU043046.D
Acq On : 13 Apr 2021 13:09
Operator : SY/MD
Sample : M1952-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41738

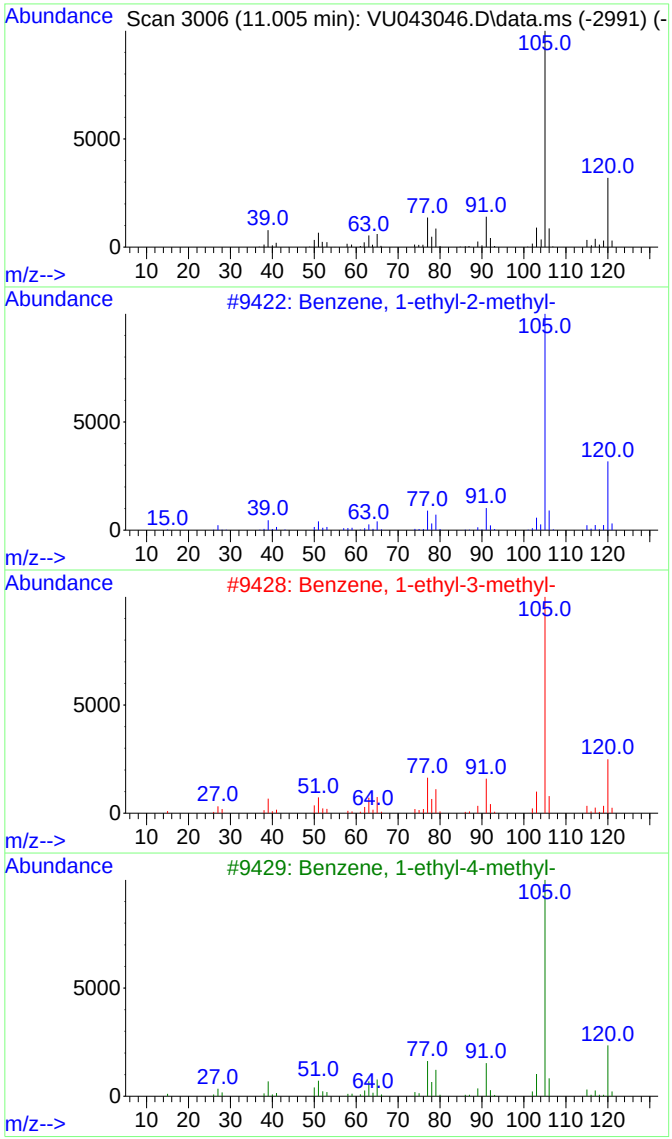
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

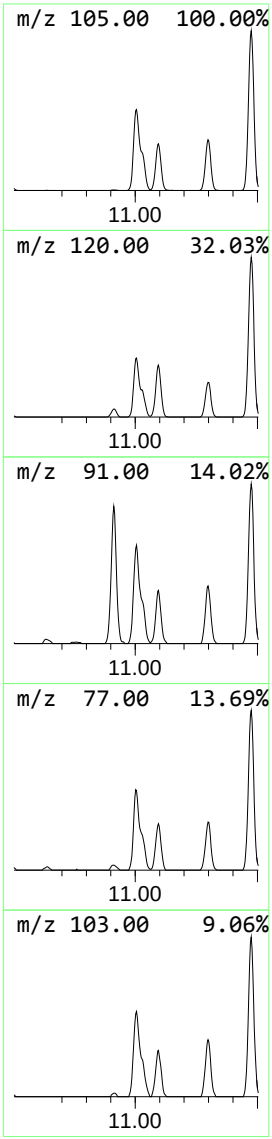
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.005	28.14 ug/l	398311	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
Data File : VU043046.D
Acq On : 13 Apr 2021 13:09
Operator : SY/MD
Sample : M1952-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41738

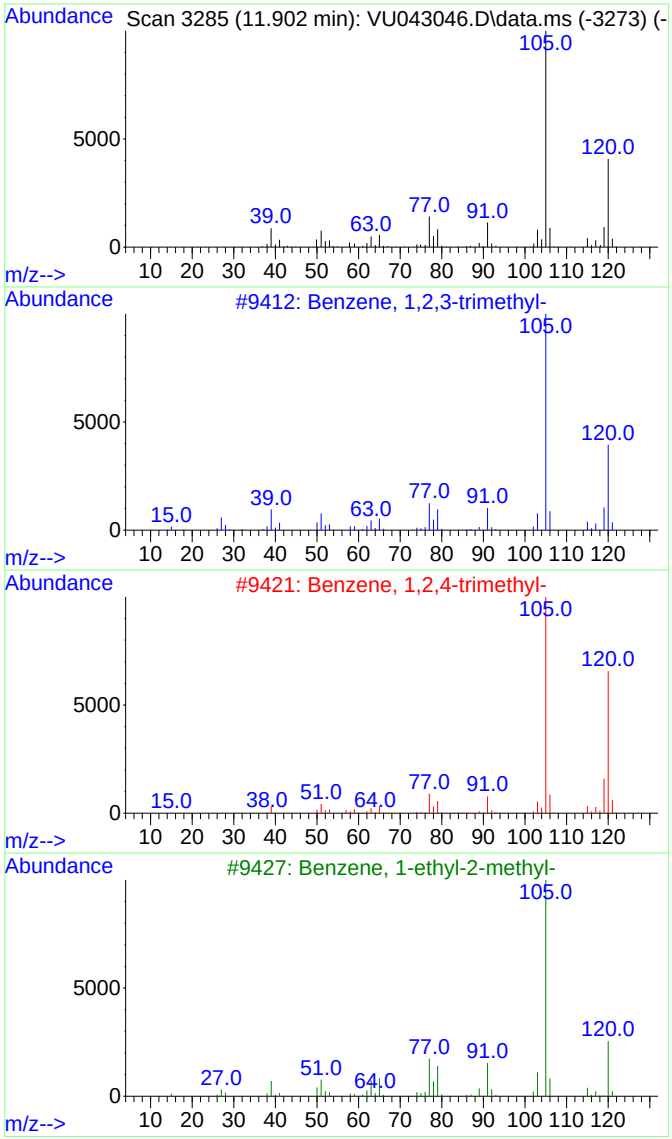
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

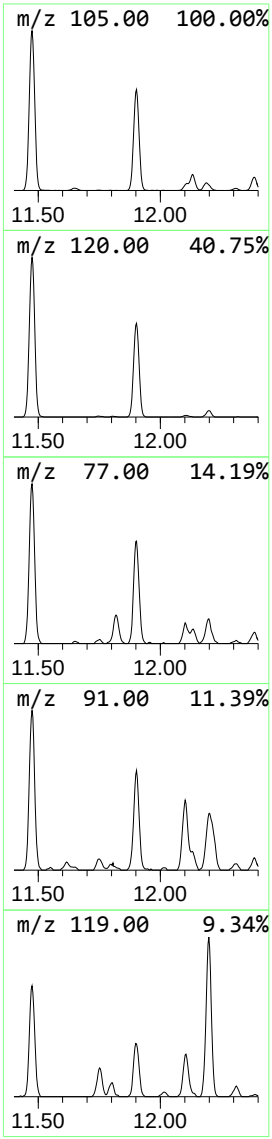
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.902	28.71 ug/l	406399	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
Data File : VU043046.D
Acq On : 13 Apr 2021 13:09
Operator : SY/MD
Sample : M1952-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41738

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

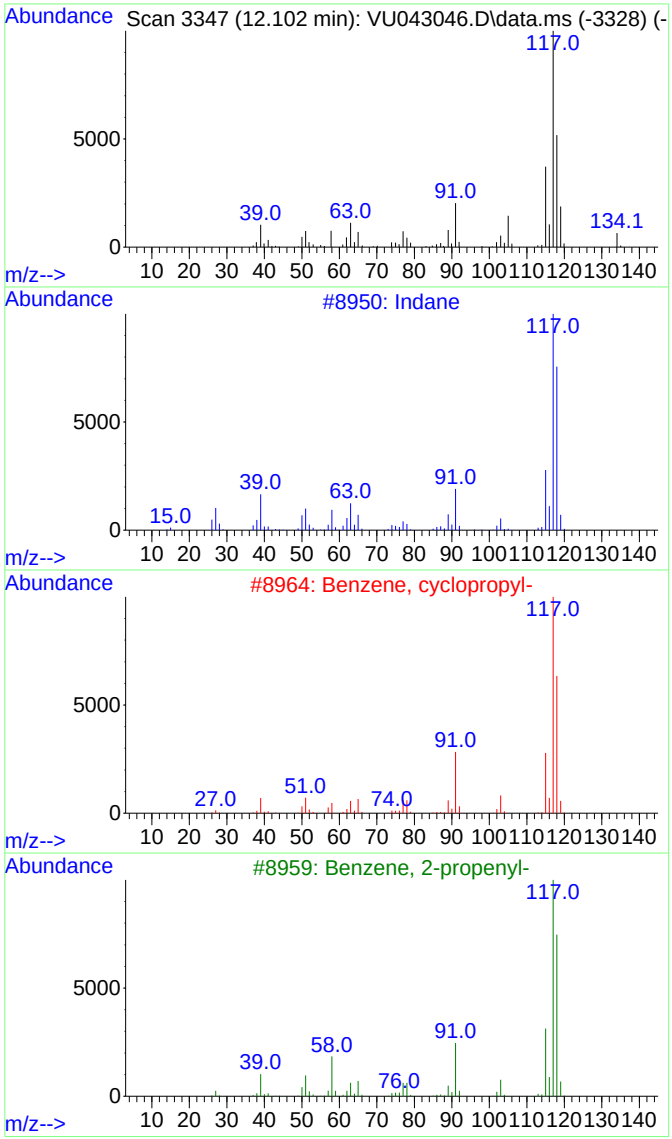
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

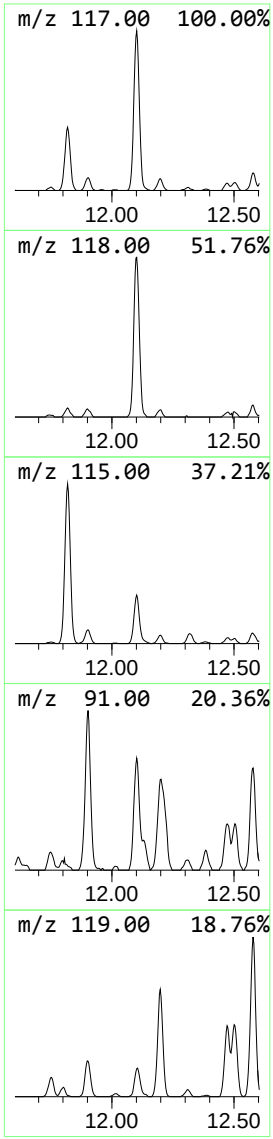
****

Peak Number 5 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.102	16.80 ug/l	237887	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	68
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
Data File : VU043046.D
Acq On : 13 Apr 2021 13:09
Operator : SY/MD
Sample : M1952-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41738

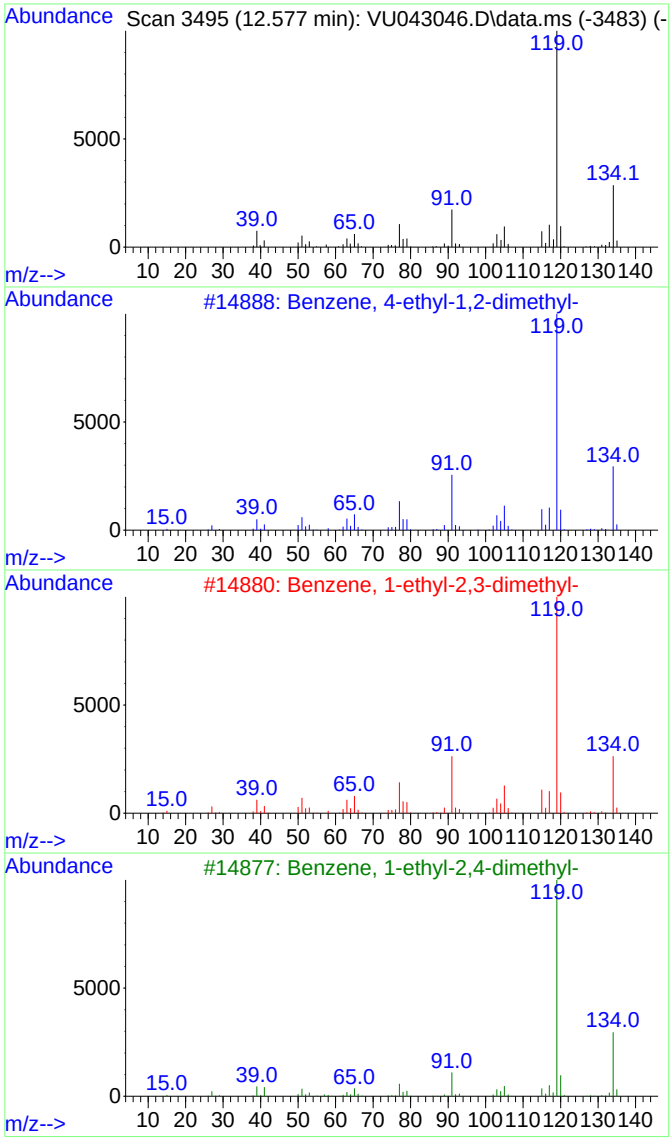
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

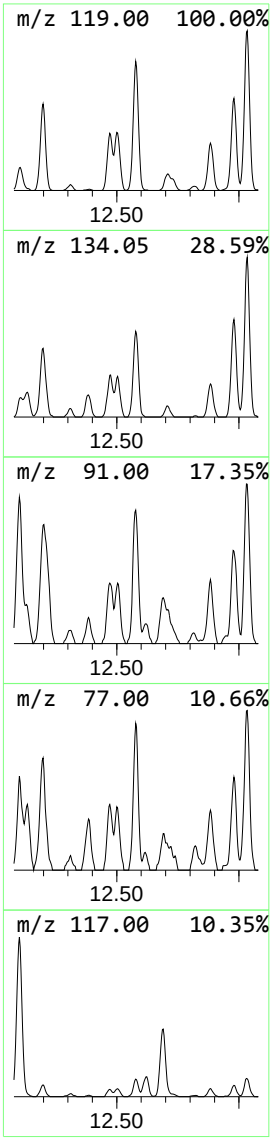
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.578	10.63 ug/l	150419	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	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
Data File : VU043046.D
Acq On : 13 Apr 2021 13:09
Operator : SY/MD
Sample : M1952-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41738

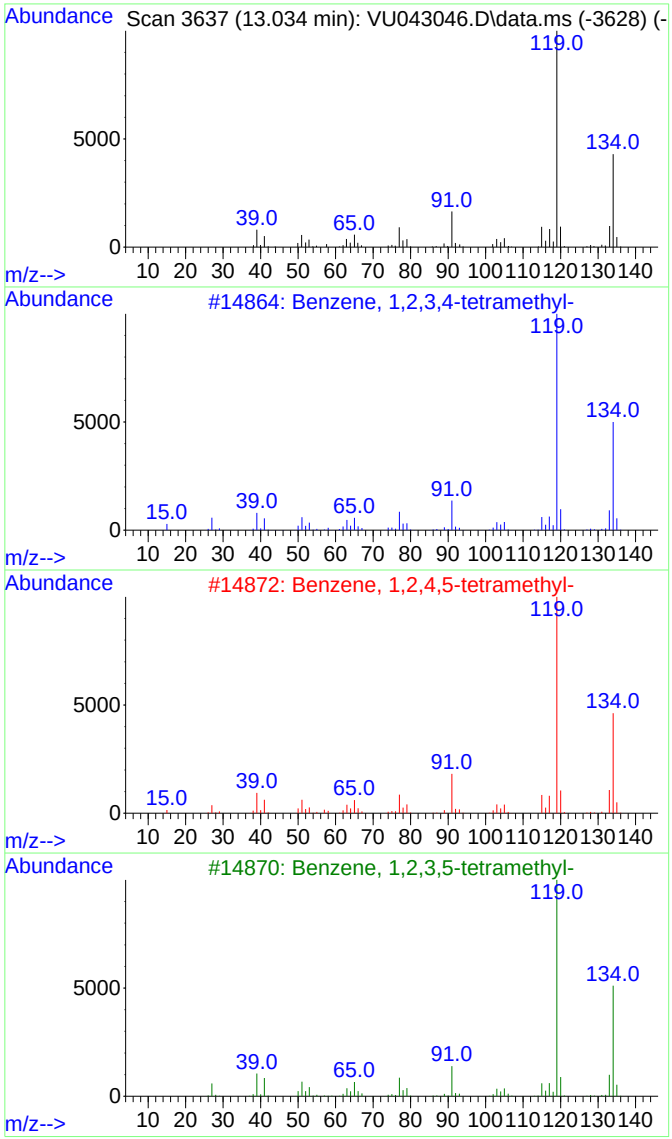
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

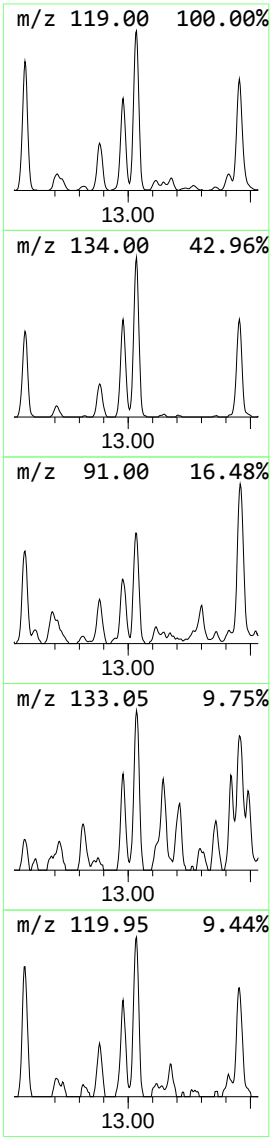
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.034	14.04 ug/l	198750	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	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
Data File : VU043046.D
Acq On : 13 Apr 2021 13:09
Operator : SY/MD
Sample : M1952-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41738

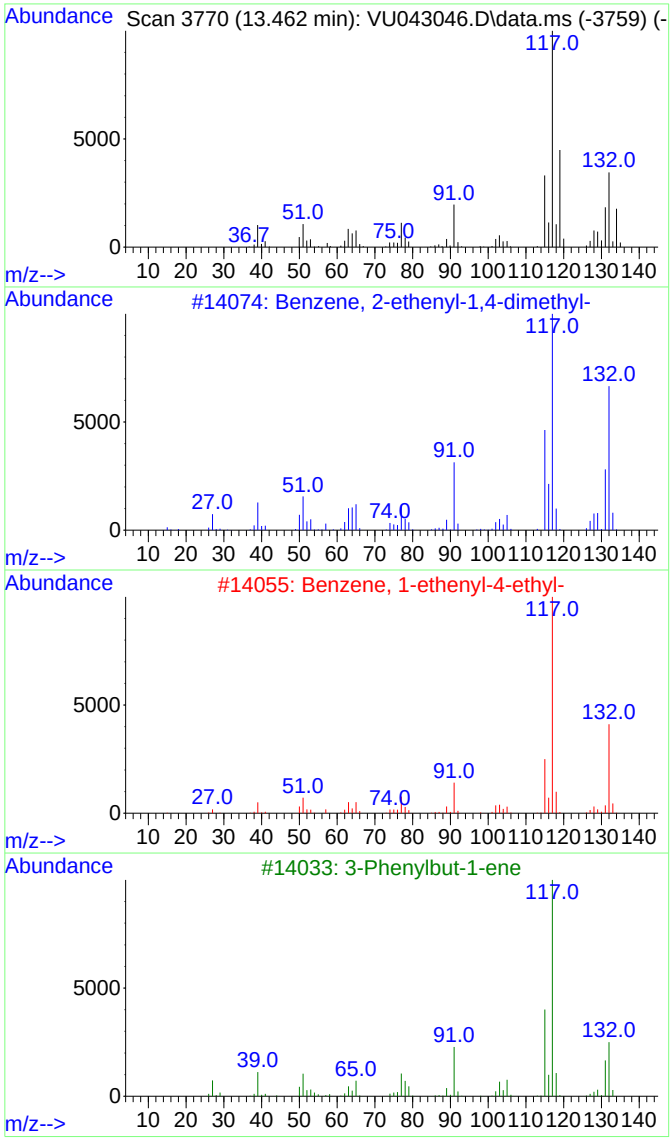
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

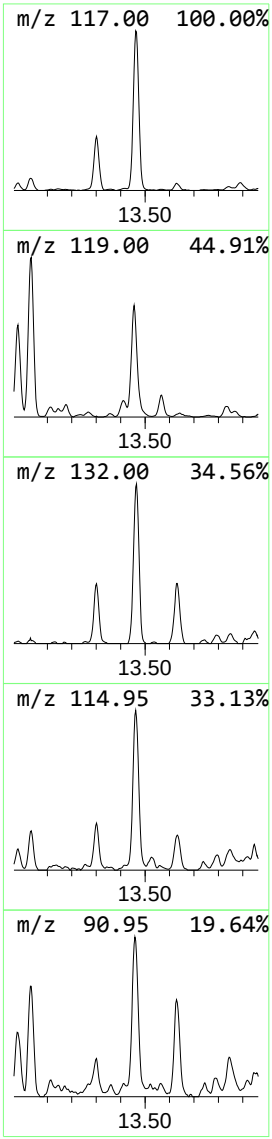
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.462	26.69 ug/l	377842	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	62
5	Indan, 1-methyl-	132	C10H12	000767-58-8	62





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Data File : VU043046.D
Acq On : 13 Apr 2021 13:09
Operator : SY/MD
Sample : M1952-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41738

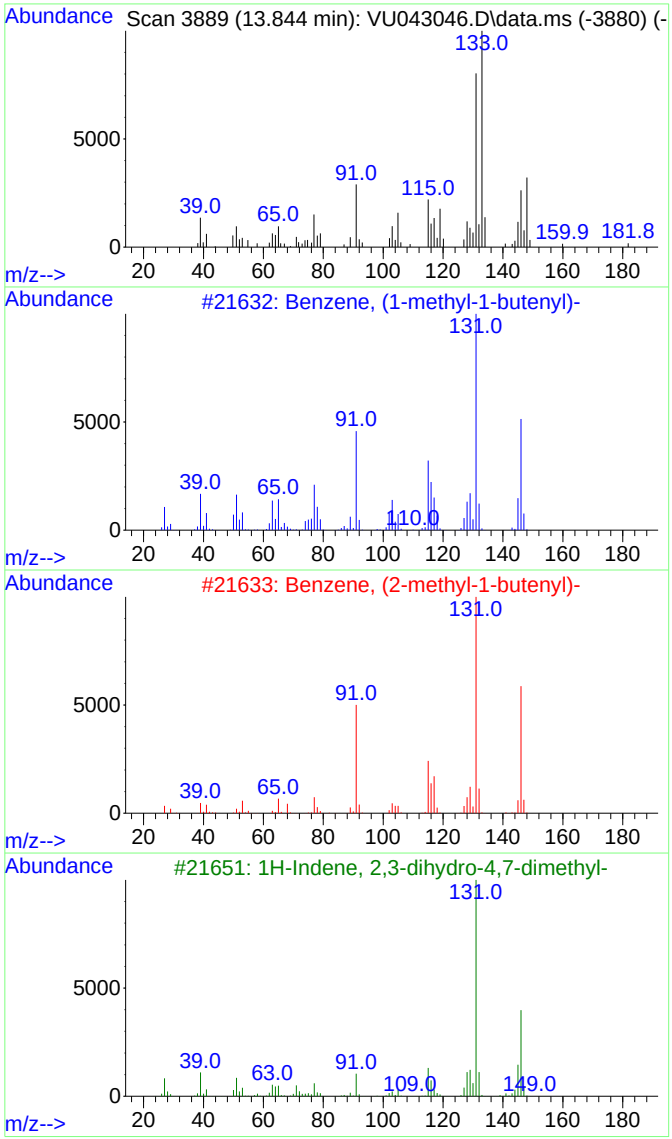
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

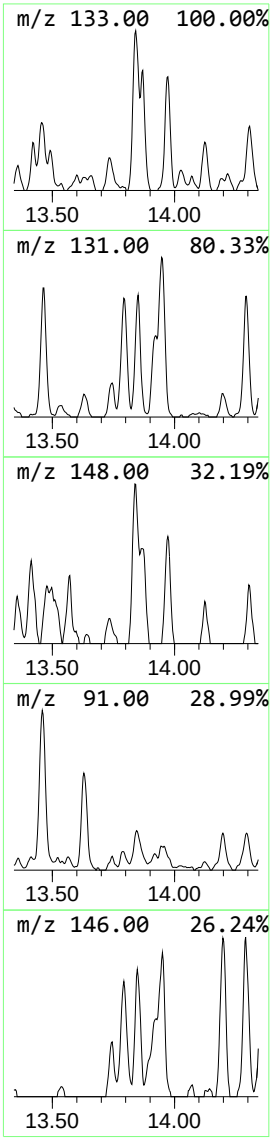
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, (1-methyl-1-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.844	9.23 ug/l	130607	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	50
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	50
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
Data File : VU043046.D
Acq On : 13 Apr 2021 13:09
Operator : SY/MD
Sample : M1952-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41738

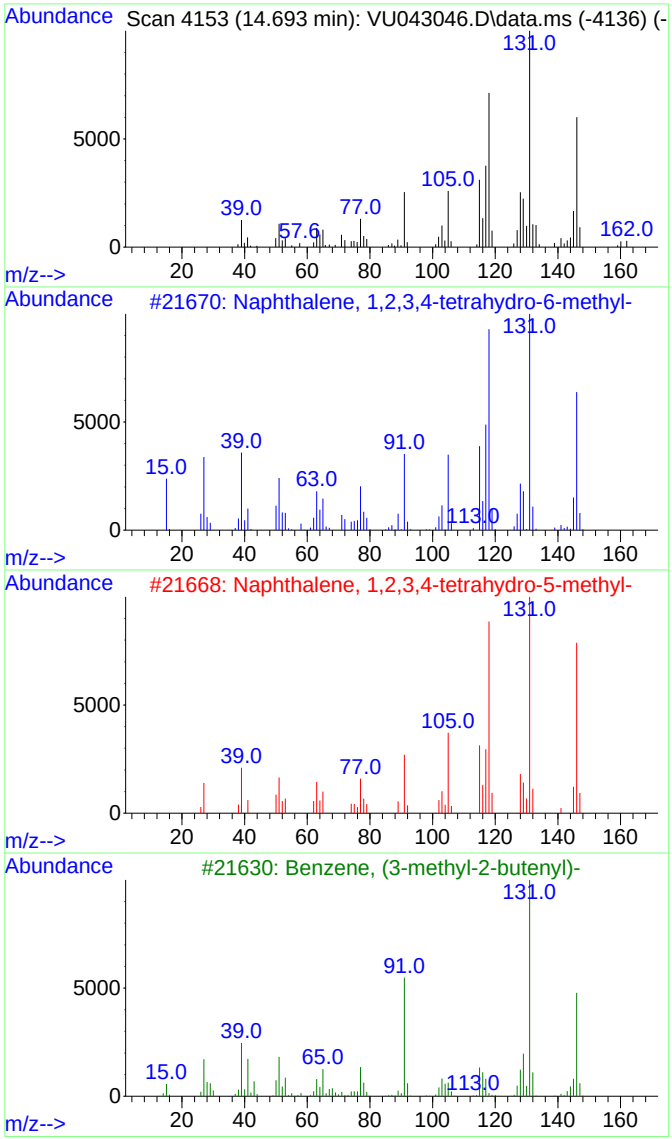
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260

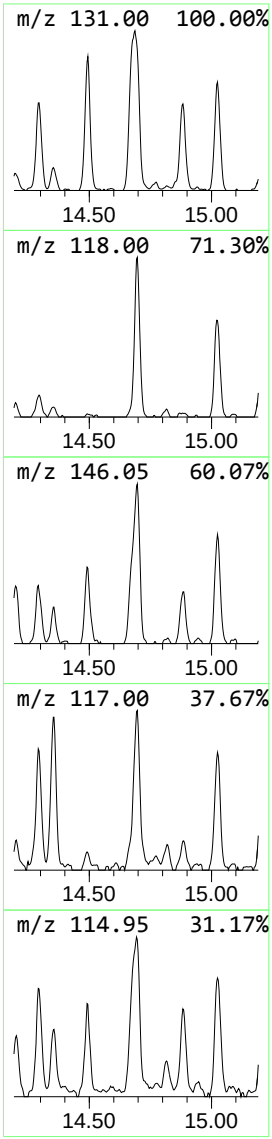
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.693	16.01 ug/l	226663	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	70
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
Data File : VU043046.D
Acq On : 13 Apr 2021 13:09
Operator : SY/MD
Sample : M1952-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41738

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
Ethanol	2.379	114.5	ug/l	892222	1	5.382	389779	50.0
Benzene, 1-ethy...	11.005	28.1	ug/l	398311	4	11.819	707830	50.0
Benzene, 1,2,3-...	11.902	28.7	ug/l	406399	4	11.819	707830	50.0
Indane	12.102	16.8	ug/l	237887	4	11.819	707830	50.0
Benzene, 4-ethy...	12.578	10.6	ug/l	150419	4	11.819	707830	50.0
Benzene, 1,2,3,...	13.034	14.0	ug/l	198750	4	11.819	707830	50.0
Benzene, 2-ethe...	13.462	26.7	ug/l	377842	4	11.819	707830	50.0
Benzene, (1-met...	13.844	9.2	ug/l	130607	4	11.819	707830	50.0
Naphthalene, 1,...	14.693	16.0	ug/l	226663	4	11.819	707830	50.0