LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111318\
Data File : VU028086.D
Acq On : 13 Nov 2018 12:53
Operator : MD/SY
Sample : J5921-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SP-TANK2-N48963

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\82U110218W.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	1.286	28	35	53	rVB	780319	738309	37.28%	3.099%
2	1.386	61	66	76	rVB	19152	20951	1.06%	0.088%
3	1.473	87	93	102	rBV	22315	23561	1.19%	0.099%
4	2.321	344	357	382	rVV	567527	898112	45.35%	3.769%
5	2.450	386	397	420	rVB	77182	146519	7.40%	0.615%
6	2.833	507	516	535	rVB4	17459	40316	2.04%	0.169%
7	3.000	553	568	589	rVB	149912	327995	16.56%	1.377%
8	4.263	948	961	994	rVB	185256	454381	22.95%	1.907%
9	4.636	1050	1077	1118	rBV	832550	1980267	100.00%	8.311%
10	4.884	1136	1154	1171	rBV	197546	442768	22.36%	1.858%
11	4.984	1171	1185	1207	rVB	326592	738163	37.28%	3.098%
12	5.308	1272	1286	1300	rBV	238994	501770	25.34%	2.106%
13	5.392	1300	1312	1330	rVB	201439	434963	21.96%	1.826%
14	5.787	1421	1435	1452	rBV	91151	193458	9.77%	0.812%
15	5.887	1452	1466	1485	rVV	518036	1001412	50.57%	4.203%
16	6.032	1499	1511	1533	rBV3	40312	88509	4.47%	0.371%
17	6.421	1616	1632	1660	rBV3	51665	114376	5.78%	0.480%
18	6.820	1736	1756	1771	rBV5	12734	35687	1.80%	0.150%
19	7.373	1920	1928	1941	rVB3	11361	20068	1.01%	0.084%
20	7.463	1945	1956	1973	rVV2	48307	92103	4.65%	0.387%
21	7.566	1975	1988	2000	rVV	843554	1463960	73.93%	6.144%
22	7.636	2000	2010	2023	rVV	798158	1384126	69.90%	5.809%
23	7.704	2023	2031	2042	rVV	44410	87686	4.43%	0.368%
24	7.765	2045	2050	2062	rVB5	14558	25691	1.30%	0.108%
25	7.868	2071	2082	2092	rBV4	16159	33040	1.67%	0.139%
26	7.955	2101	2109	2121	rVB5	22445	42437	2.14%	0.178%
27	8.167	2163	2175	2186	rBV2	29539	54321	2.74%	0.228%
28	8.231	2186	2195	2213	rVB2	38279	64627	3.26%	0.271%
29	8.366	2226	2237	2251	rBV2	71546	127159	6.42%	0.534%
30	8.485	2264	2274	2287	rVB6	22255	50894	2.57%	0.214%
31	8.980	2409	2428	2436	rBV6	35805	95387	4.82%	0.400%
32	9.035	2436	2445	2450	rVV4	18749	36761	1.86%	0.154%
33	9.090	2452	2462	2483	rVB	729883	1231122	62.17%	5.167%
34	9.221	2495	2503	2504	rBV3	19550	23176	1.17%	0.097%

LSC Area Percent Report

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Data File : VU028086.D
Acq On : 13 Nov 2018 12:53
Operator : MD/SY
Sample : J5921-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SP-TANK2-N48963

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\82U110218W.M
Title : SW846 8260

35	9.254	2505	2513	2521	rVV2	128471	208911	10.55%	0.877%
36	9.373	2539	2550	2563	rVB	1178885	1911275	96.52%	8.022%
37	9.459	2563	2577	2583	rBV4	59983	135808	6.86%	0.570%
38	9.601	2608	2621	2634	rBV2	44707	89061	4.50%	0.374%
39	9.726	2648	2660	2665	rBV7	10766	21534	1.09%	0.090%
40	9.778	2665	2676	2687	rBV	767929	1225827	61.90%	5.145%
41	9.922	2711	2721	2733	rBV	108294	177968	8.99%	0.747%
42	10.067	2754	2766	2778	rVB9	48972	115964	5.86%	0.487%
43	10.147	2781	2791	2806	rVB8	42175	95761	4.84%	0.402%
44	10.225	2806	2815	2824	rBV4	14564	25074	1.27%	0.105%
45	10.308	2825	2841	2856	rBV	574664	969527	48.96%	4.069%
46	10.385	2856	2865	2869	rBV7	28418	48826	2.47%	0.205%
47	10.488	2890	2897	2908	rBV4	44178	94268	4.76%	0.396%
48	10.575	2918	2924	2935	rVB5	53829	95845	4.84%	0.402%
49	10.681	2942	2957	2972	rBV	235384	504636	25.48%	2.118%
50	10.771	2978	2985	3003	rVB2	165705	300378	15.17%	1.261%
51	10.897	3019	3024	3033	rVB6	34408	49753	2.51%	0.209%
52	10.974	3033	3048	3057	rBV3	163194	326220	16.47%	1.369%
53	11.080	3072	3081	3089	rBV5	29067	54708	2.76%	0.230%
54	11.147	3092	3102	3114	rVV	550907	858973	43.38%	3.605%
55	11.260	3127	3137	3146	rBV4	79139	135770	6.86%	0.570%
56	11.424	3174	3188	3197	rBV	149123	284850	14.38%	1.195%
57	11.482	3197	3206	3217	rBV	623574	978331	49.40%	4.106%
58	11.572	3225	3234	3242	rBV	202857	291363	14.71%	1.223%
59	11.768	3280	3295	3303	rBV3	113073	255928	12.92%	1.074%
60	11.877	3323	3329	3337	rBV5	46234	71489	3.61%	0.300%
61	12.028	3369	3376	3380	rBV5	28635	44618	2.25%	0.187%
62	12.061	3382	3386	3397	rVB2	79112	115025	5.81%	0.483%
63	12.144	3400	3412	3417	rBV6	43475	92525	4.67%	0.388%
64	12.183	3418	3424	3438	rVB5	52873	90602	4.58%	0.380%
65	12.250	3440	3445	3452	rVB	31554	37682	1.90%	0.158%
66	12.298	3453	3460	3471	rVB5	22079	41266	2.08%	0.173%
67	12.356	3471	3478	3485	rBV5	30427	45580	2.30%	0.191%
68	12.459	3502	3510	3523	rBV7	27249	62937	3.18%	0.264%
69	12.649	3563	3569	3576	rVB2	27533	35671	1.80%	0.150%
70	12.704	3578	3586	3596	rVV	49269	81005	4.09%	0.340%
71	12.964	3662	3667	3675	rVB2	24573	35050	1.77%	0.147%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111318\
Data File : VU028086.D
Acq On : 13 Nov 2018 12:53
Operator : MD/SY
Sample : J5921-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SP-TANK2-N48963

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\82U110218W.M
Title : SW846 8260

72	13.122	3708	3716	3729	rVB2	75399	125174	6.32%	0.525%
73	13.192	3732	3738	3748	rVB2	31461	49360	2.49%	0.207%
74	13.295	3761	3770	3784	rVB7	27801	63682	3.22%	0.267%
75	13.517	3832	3839	3846	rBV5	25936	41687	2.11%	0.175%
76	13.668	3878	3886	3898	rVB3	45004	69329	3.50%	0.291%
77	13.742	3900	3909	3921	rVB	164432	251200	12.69%	1.054%
78	14.292	4073	4080	4092	rBV3	15951	26613	1.34%	0.112%
79	14.411	4108	4117	4132	rBV4	24209	44948	2.27%	0.189%
80	14.729	4209	4216	4225	rVB3	18220	25029	1.26%	0.105%
81	14.880	4254	4263	4276	rVB2	31608	55767	2.82%	0.234%
82	15.064	4310	4320	4332	rVB4	26854	49993	2.52%	0.210%

Sum of corrected areas: 23826866

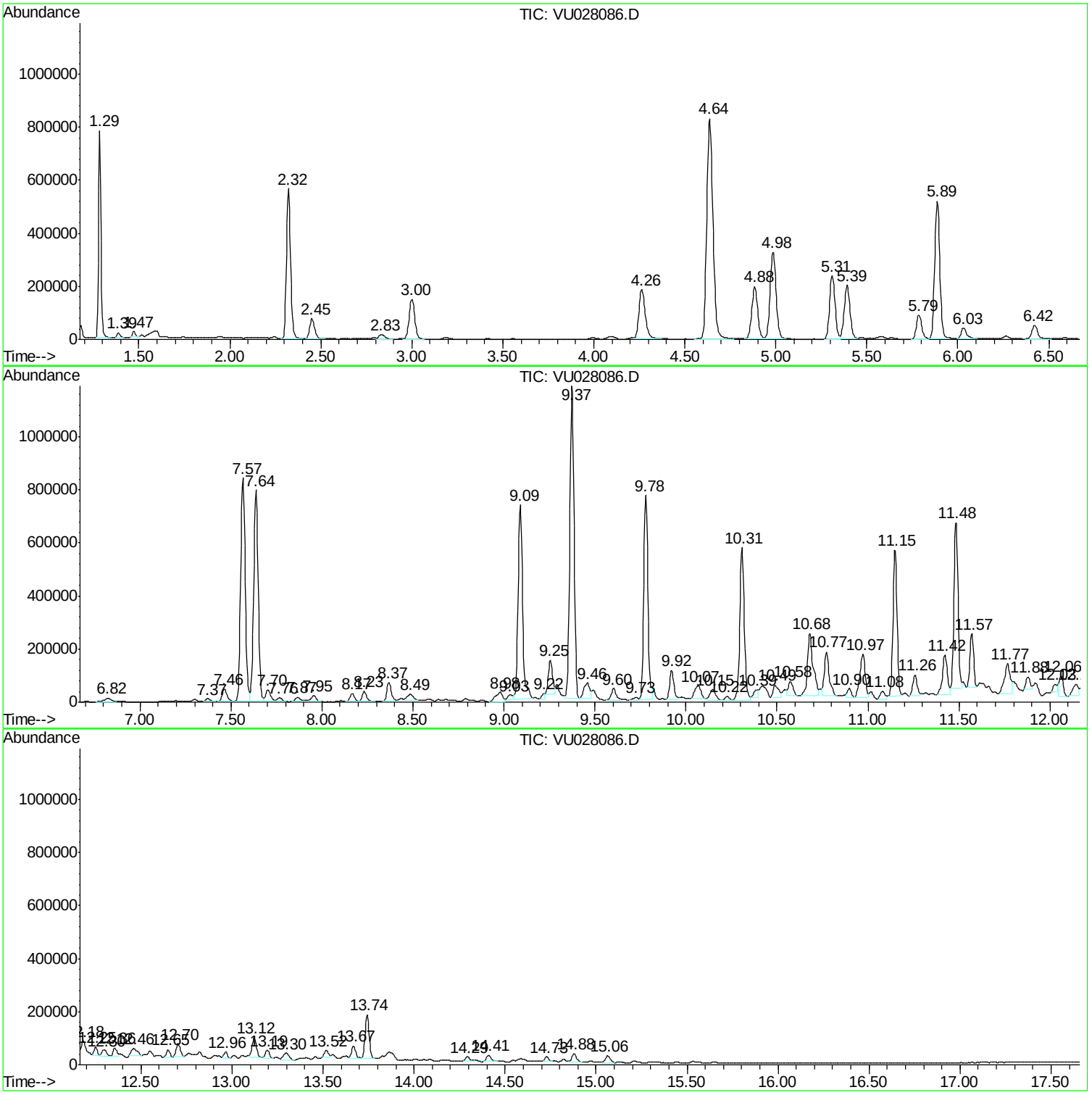
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111318\
Data File : VU028086.D
Acq On : 13 Nov 2018 12:53
Operator : MD/SY
Sample : J5921-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SP-TANK2-N48963

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.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\VU111318\
Data File : VU028086.D
Acq On : 13 Nov 2018 12:53
Operator : MD/SY
Sample : J5921-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SP-TANK2-N48963

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

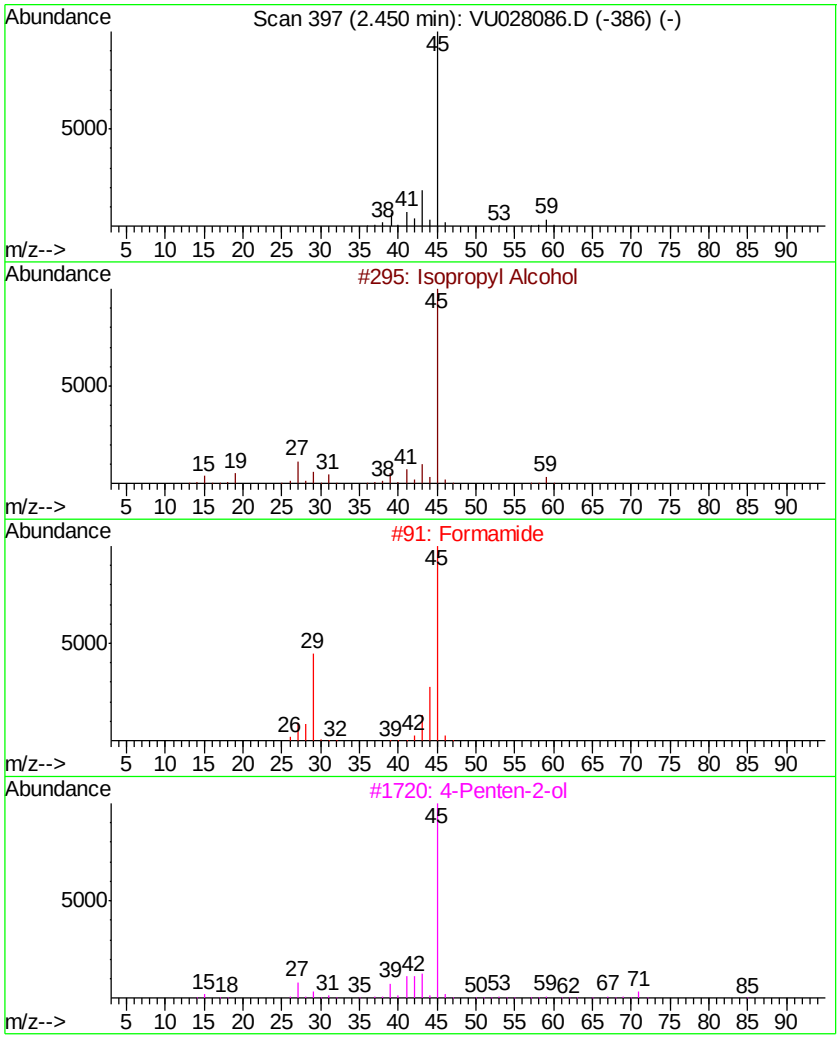
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

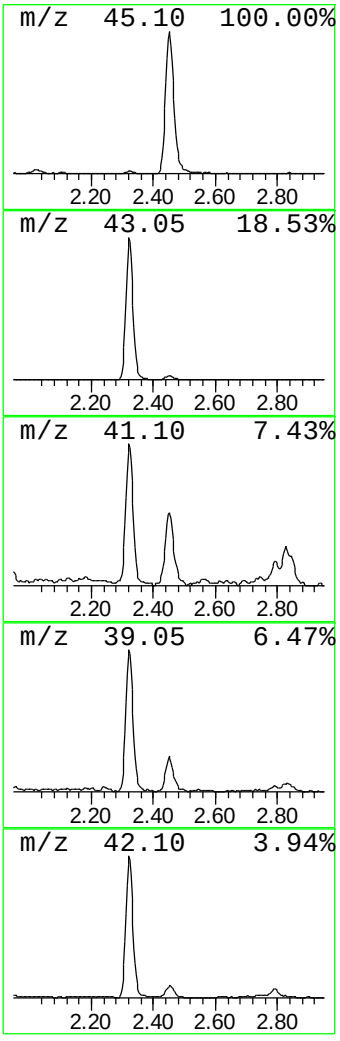
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	9.92 ug/l	146519	Pentafluorobenzene	4.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Formamide	45	CH3NO	000075-12-7	5
3	4-Penten-2-ol	86	C5H10O	000625-31-0	4
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	4
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	4





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111318\
Data File : VU028086.D
Acq On : 13 Nov 2018 12:53
Operator : MD/SY
Sample : J5921-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SP-TANK2-N48963

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

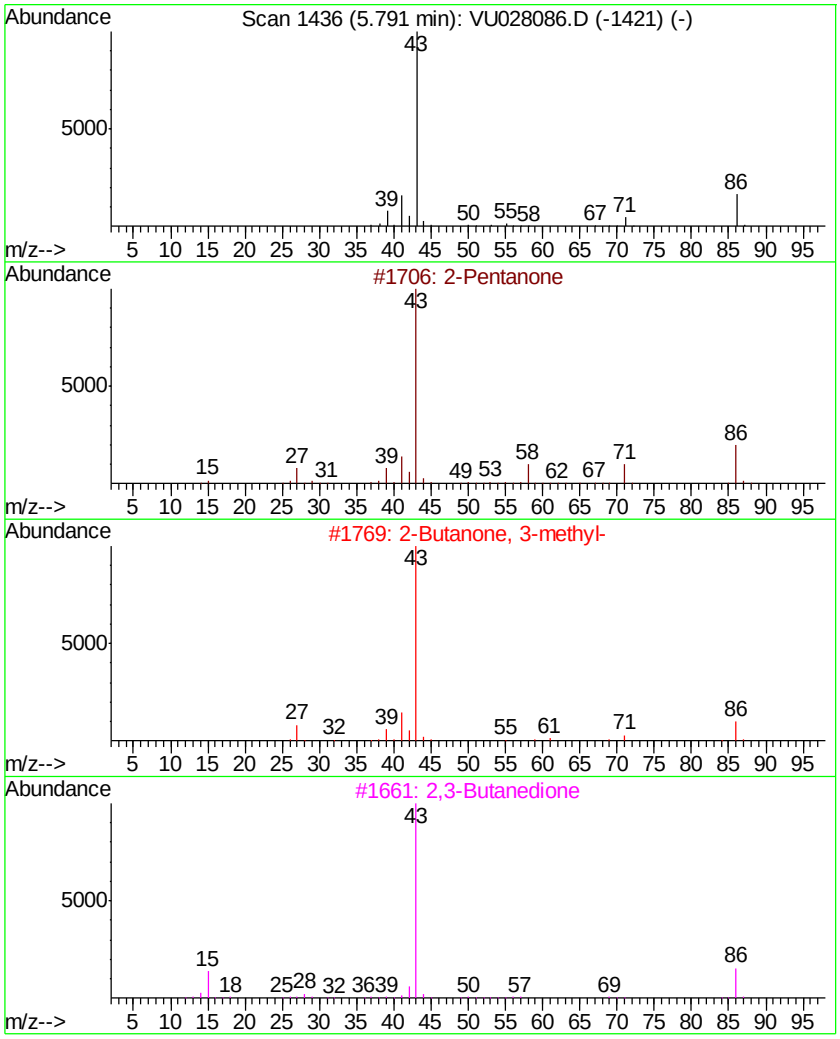
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

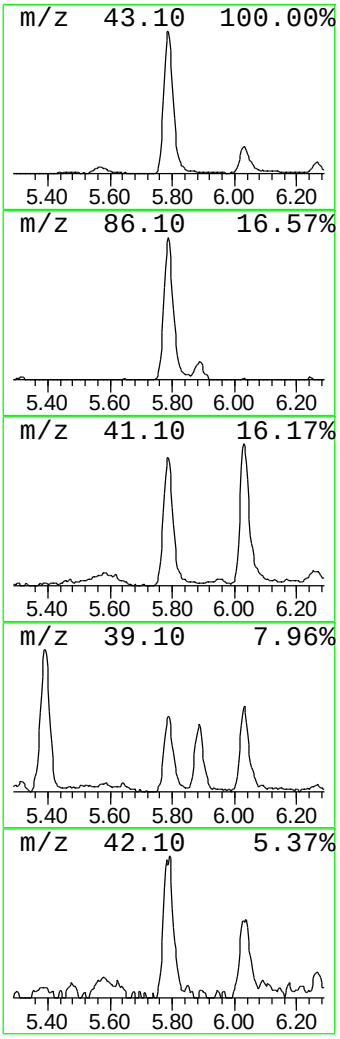
****

Peak Number 3 2-Pentanone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	9.66 ug/l	193458	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	72
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	64
3	2,3-Butanedione	86	C4H6O2	000431-03-8	53
4	2,3-Hexanedione	114	C6H10O2	003848-24-6	9
5	2-Pentanone, 3-ethyl-	114	C7H14O	006137-03-7	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111318\
Data File : VU028086.D
Acq On : 13 Nov 2018 12:53
Operator : MD/SY
Sample : J5921-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SP-TANK2-N48963

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

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

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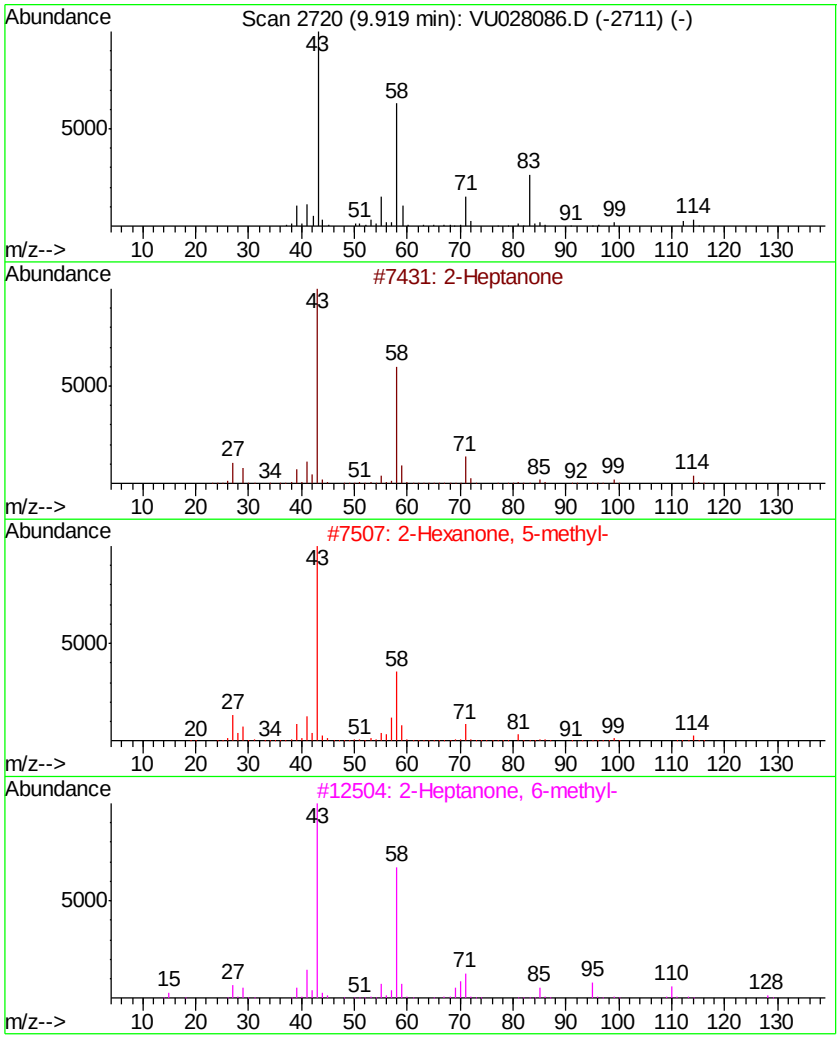
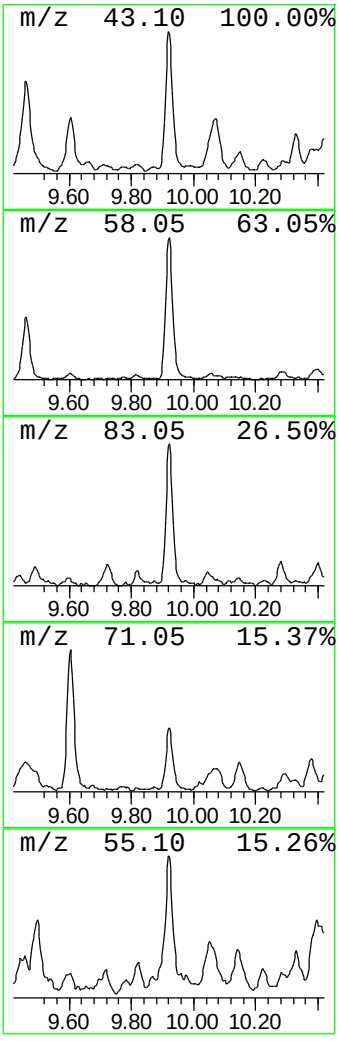
Peak Number 4 2-Heptanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	7.23 ug/l	177968	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	76
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	64
3	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	40
4	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	38
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	28





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111318\
Data File : VU028086.D
Acq On : 13 Nov 2018 12:53
Operator : MD/SY
Sample : J5921-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SP-TANK2-N48963

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

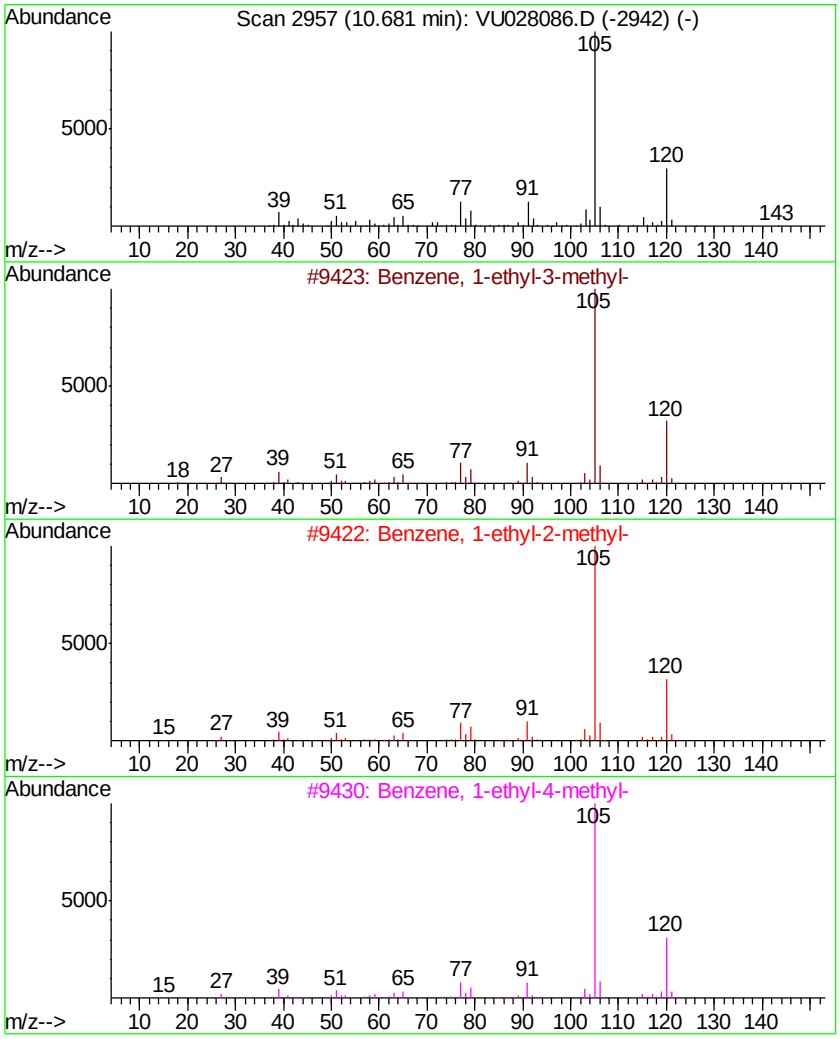
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

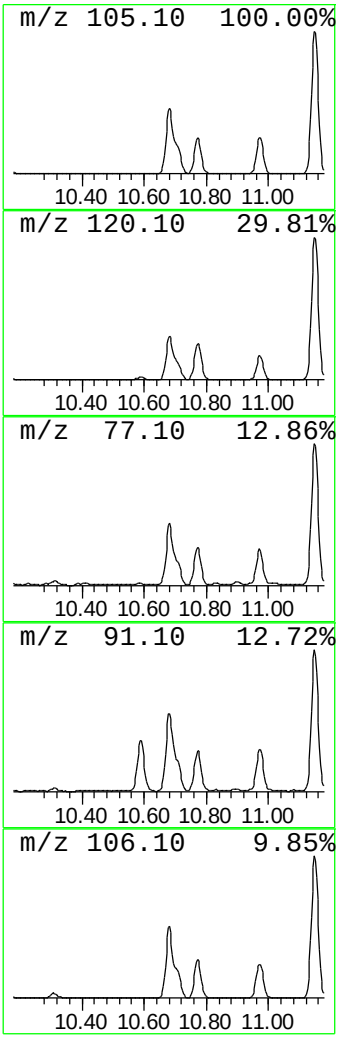
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	25.79 ug/l	504636	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111318\
Data File : VU028086.D
Acq On : 13 Nov 2018 12:53
Operator : MD/SY
Sample : J5921-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SP-TANK2-N48963

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

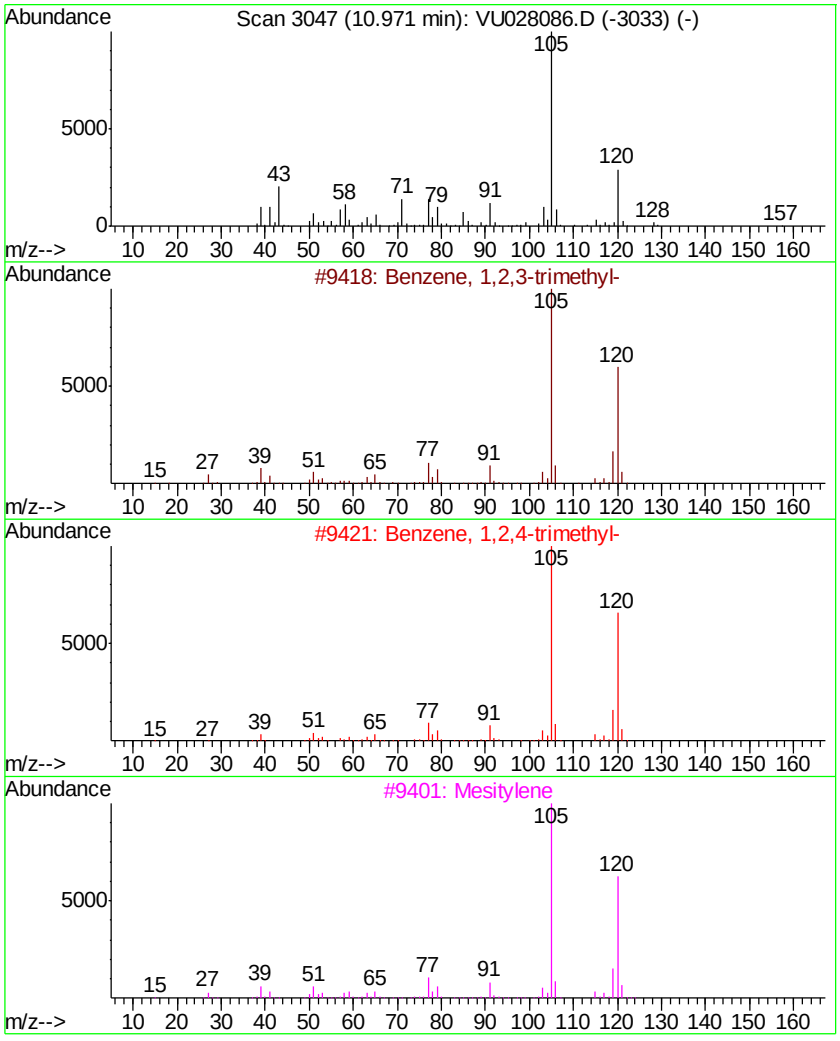
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

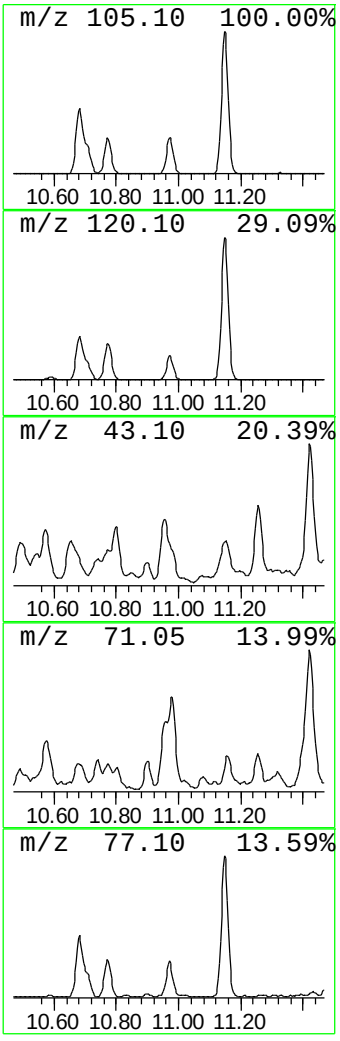
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	16.67 ug/l	326220	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	70
3	Mesitylene	120	C9H12	000108-67-8	70
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	70
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111318\
Data File : VU028086.D
Acq On : 13 Nov 2018 12:53
Operator : MD/SY
Sample : J5921-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SP-TANK2-N48963

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

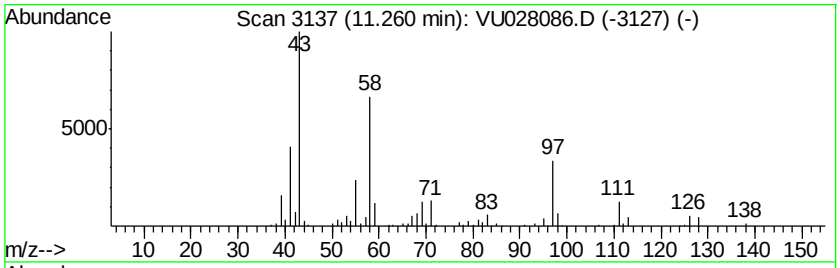
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

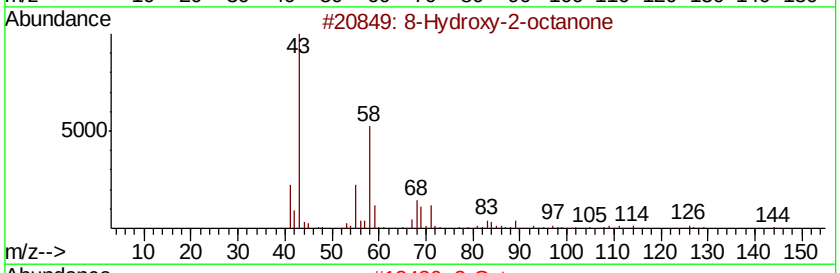
****

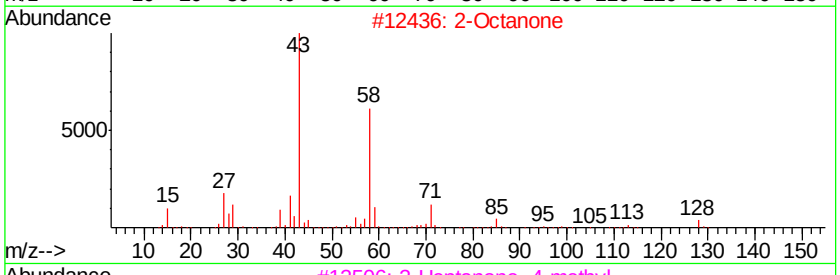
Peak Number 7 unknown11.26 Concentration Rank 10

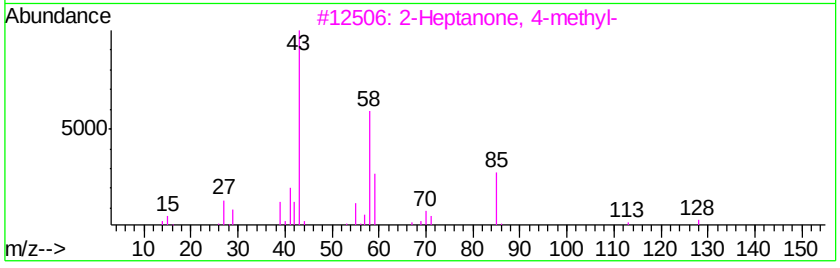
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	6.94 ug/l	135770	1,4-Dichlorobenzene-d4	11.48

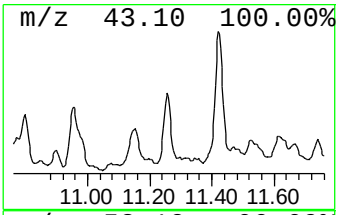
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Hydroxy-2-octanone	144	C8H16O2	025368-54-1	47
2	2-Octanone	128	C8H16O	000111-13-7	46
3	2-Heptanone, 4-methyl-	128	C8H16O	006137-06-0	38
4	(R,S)-2-Propyl-5-oxohexanal	156	C9H16O2	1000109-76-5	38
5	Meclofenoxate	257	C12H16ClNO3	000051-68-3	38

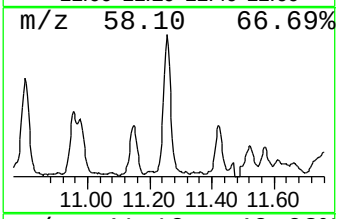


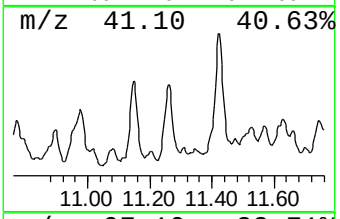


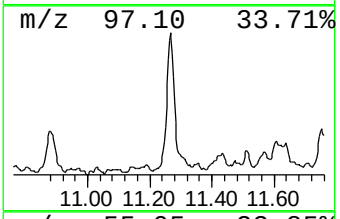


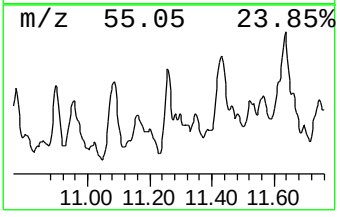












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111318\
Data File : VU028086.D
Acq On : 13 Nov 2018 12:53
Operator : MD/SY
Sample : J5921-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SP-TANK2-N48963

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

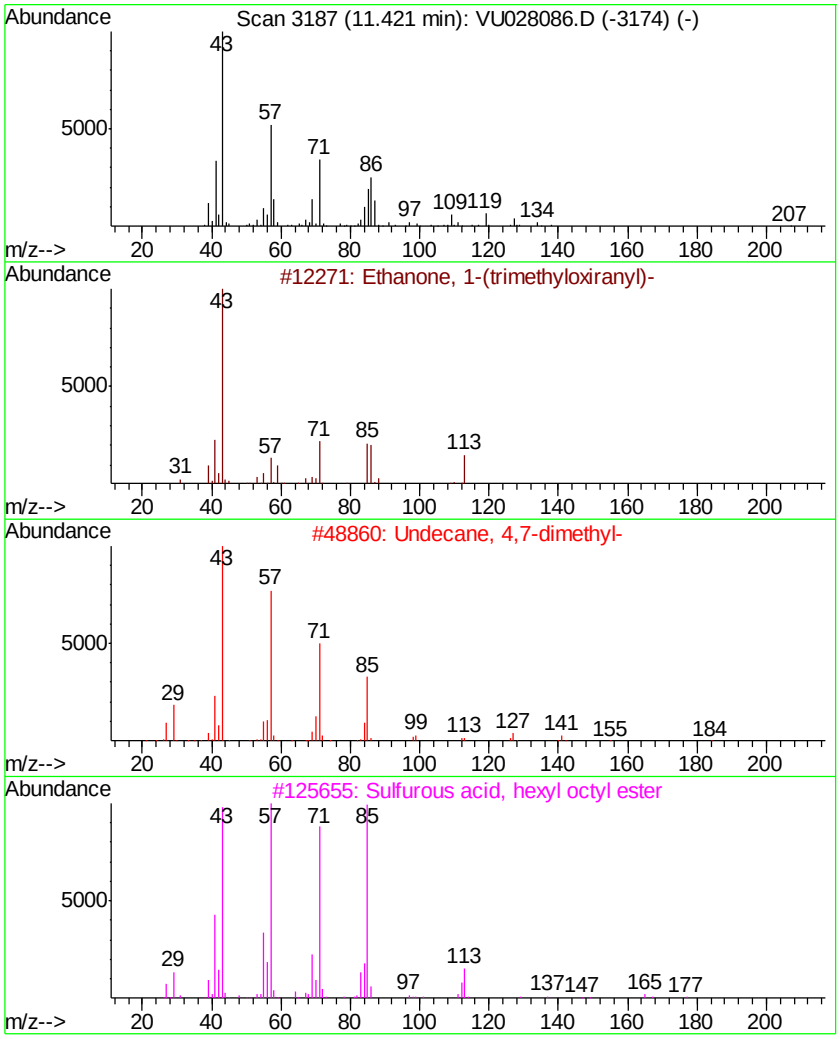
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

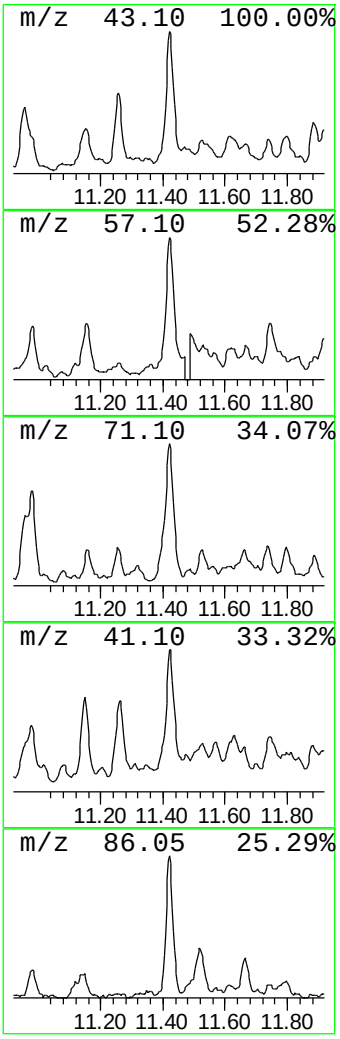
****

Peak Number 8 unknown11.42 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	14.56 ug/l	284850	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(trimethyloxiranyl)-	128	C7H12O2	015120-99-7	37
2	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	35
3	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	32
4	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	32
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111318\
Data File : VU028086.D
Acq On : 13 Nov 2018 12:53
Operator : MD/SY
Sample : J5921-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SP-TANK2-N48963

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

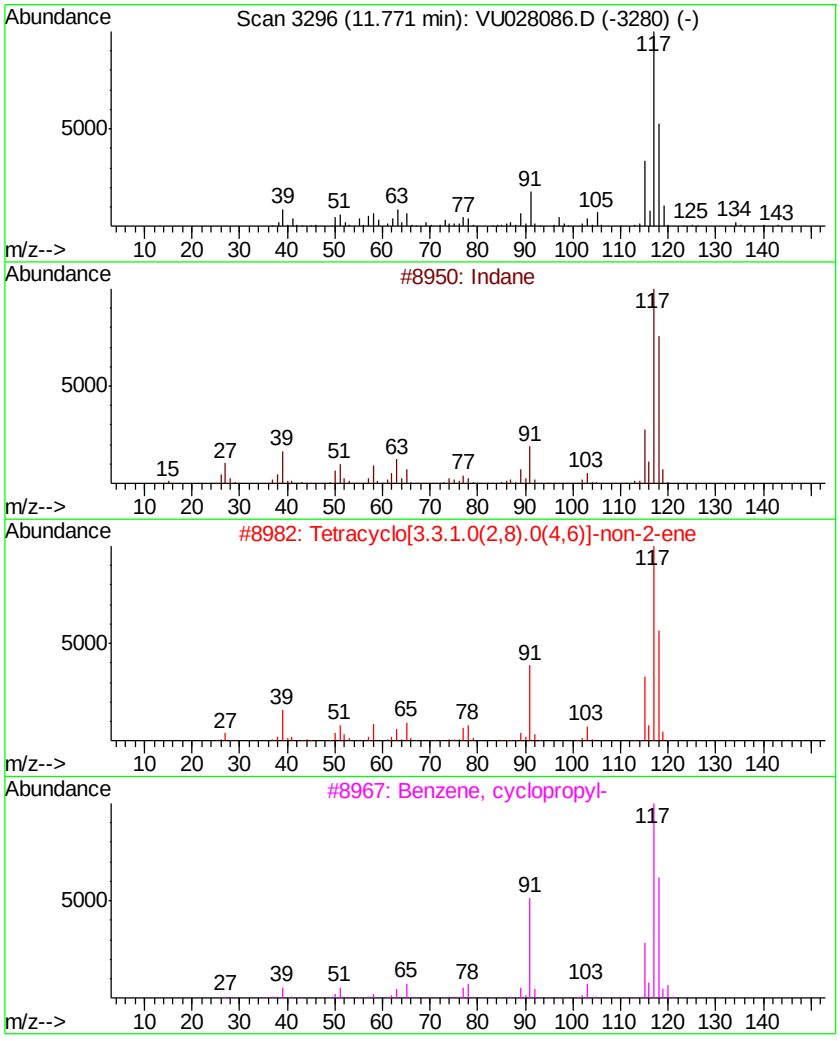
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

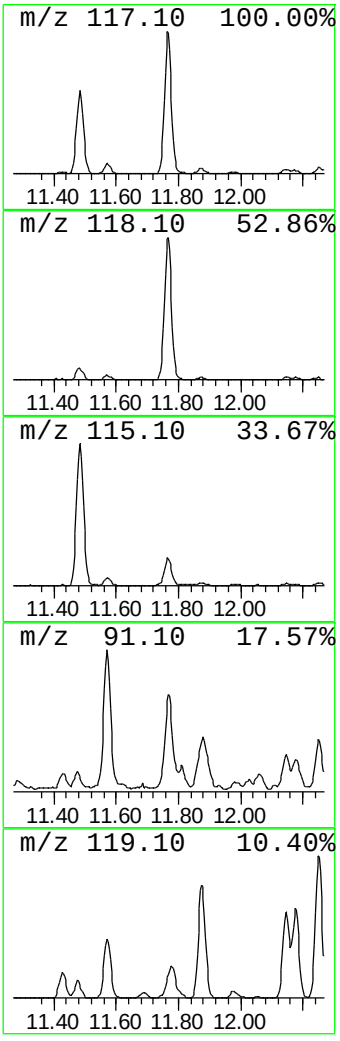
****

Peak Number 10 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	13.08 ug/l	255928	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111318\
Data File : VU028086.D
Acq On : 13 Nov 2018 12:53
Operator : MD/SY
Sample : J5921-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SP-TANK2-N48963

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.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
Isopropyl Alcohol	2.45	9.9	ug/l	146519	1	4.98	738163	50.0
2-Pentanone	5.79	9.7	ug/l	193458	2	5.89	1001410	50.0
2-Heptanone	9.92	7.2	ug/l	177968	3	9.09	1231120	50.0
Benzene, 1-ethyl-...	10.68	25.8	ug/l	504636	4	11.48	978331	50.0
Benzene, 1,2,3-tr...	10.97	16.7	ug/l	326220	4	11.48	978331	50.0
unknown11.26	11.26	6.9	ug/l	135770	4	11.48	978331	50.0
unknown11.42	11.42	14.6	ug/l	284850	4	11.48	978331	50.0
Indane	11.77	13.1	ug/l	255928	4	11.48	978331	50.0