LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\
Data File : VU028590.D
Acq On : 11 Dec 2018 07:41
Operator : MD/SY
Sample : J6305-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : P001-SW002-01

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\82U120618W.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	1.276	25	32	45	rVB	99035	101848	18.40%	2.709%
2	1.389	61	67	73	rBV2	6211	6288	1.14%	0.167%
3	1.472	83	93	102	rBV	25501	29419	5.31%	0.783%
4	1.627	134	141	149	rBV	6450	8052	1.45%	0.214%
5	2.080	268	282	292	rBV	50985	78106	14.11%	2.078%
6	2.244	325	333	344	rVB	10708	16883	3.05%	0.449%
7	2.321	345	357	372	rBV	58566	91168	16.47%	2.425%
8	2.791	490	503	509	rBV3	5972	11934	2.16%	0.317%
9	2.826	510	514	535	rVB2	6883	12660	2.29%	0.337%
10	3.189	614	627	640	rVB4	2872	6227	1.12%	0.166%
11	3.993	864	877	899	rBV2	9028	22883	4.13%	0.609%
12	4.270	950	963	987	rVB	14726	36128	6.53%	0.961%
13	4.881	1138	1153	1170	rBV	75911	170042	30.72%	4.523%
14	4.984	1170	1185	1207	rVV	114354	253699	45.83%	6.749%
15	5.308	1271	1286	1305	rBV	93207	197467	35.68%	5.253%
16	5.794	1423	1437	1452	rBV2	3357	7745	1.40%	0.206%
17	5.884	1452	1465	1484	rBV	197320	383936	69.36%	10.213%
18	6.295	1584	1593	1604	rBV4	5094	9395	1.70%	0.250%
19	6.424	1622	1633	1648	rBV2	6360	12558	2.27%	0.334%
20	6.614	1686	1692	1707	rVB2	3899	7280	1.32%	0.194%
21	6.819	1736	1756	1775	rVB2	10574	22542	4.07%	0.600%
22	7.463	1946	1956	1967	rBV2	10744	18465	3.34%	0.491%
23	7.565	1967	1988	2003	rVV	309494	553516	100.00%	14.724%
24	7.636	2003	2010	2022	rVV	19817	37010	6.69%	0.984%
25	7.909	2086	2095	2110	rBV	8002	15135	2.73%	0.403%
26	8.163	2161	2174	2189	rBV	14753	25870	4.67%	0.688%
27	8.398	2230	2247	2259	rBV2	7846	16508	2.98%	0.439%
28	8.472	2261	2270	2286	rVB6	4249	8869	1.60%	0.236%
29	8.575	2293	2302	2314	rBV	12529	20387	3.68%	0.542%
30	8.784	2358	2367	2379	rVB6	4232	7551	1.36%	0.201%
31	8.948	2407	2418	2432	rVB	7617	13120	2.37%	0.349%
32	9.089	2450	2462	2488	rVB	267494	457930	82.73%	12.181%
33	9.253	2501	2513	2528	rBV3	10714	21601	3.90%	0.575%
34	9.327	2528	2536	2542	rVV4	4000	7124	1.29%	0.190%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : P001-SW002-01

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Title : SW846 8260

35	9.372	2542	2550	2566	rVB	25978	44034	7.96%	1.171%
36	9.607	2614	2623	2631	rBV2	3907	5860	1.06%	0.156%
37	9.781	2666	2677	2696	rVB3	21266	40802	7.37%	1.085%
38	10.077	2762	2769	2779	rVB7	3627	6227	1.12%	0.166%
39	10.305	2827	2840	2856	rBV	205144	325938	58.89%	8.670%
40	10.437	2873	2881	2889	rVB4	3693	5791	1.05%	0.154%
41	10.491	2889	2898	2910	rVB2	5321	10274	1.86%	0.273%
42	10.575	2913	2924	2939	rVB7	4043	7844	1.42%	0.209%
43	10.771	2978	2985	2993	rVV2	8240	10679	1.93%	0.284%
44	10.970	3036	3047	3051	rBV4	4649	6680	1.21%	0.178%
45	11.147	3088	3102	3117	rVB3	15975	28600	5.17%	0.761%
46	11.482	3195	3206	3227	rVV	250435	386613	69.85%	10.284%
47	11.568	3227	3233	3239	rVV2	5399	7054	1.27%	0.188%
48	11.613	3239	3247	3256	rVV8	4286	7657	1.38%	0.204%
49	11.745	3279	3288	3302	rBV4	13602	25522	4.61%	0.679%
50	12.478	3502	3516	3532	rBV3	8075	17342	3.13%	0.461%
51	13.186	3725	3736	3750	rVB	59268	91126	16.46%	2.424%
52	13.456	3810	3820	3832	rBV2	9091	14044	2.54%	0.374%
53	13.742	3895	3909	3925	rVB	8259	17517	3.16%	0.466%
54	14.388	4099	4110	4121	rVB3	6792	10375	1.87%	0.276%

Sum of corrected areas: 3759325

LSC Report - Integrated Chromatogram

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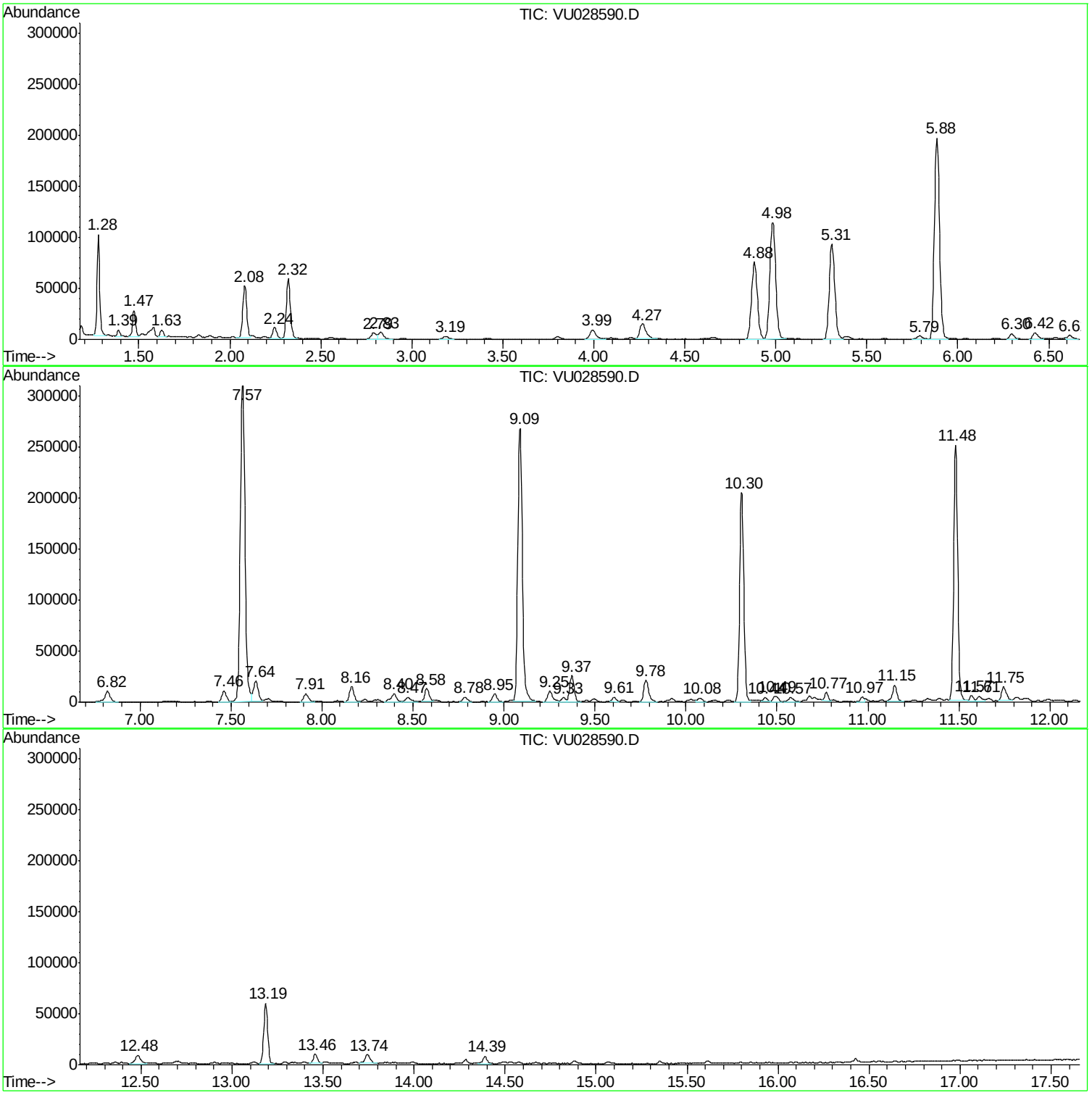
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : P001-SW002-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.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\VU121118\
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Operator : MD/SY
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Quant Title : SW846 8260

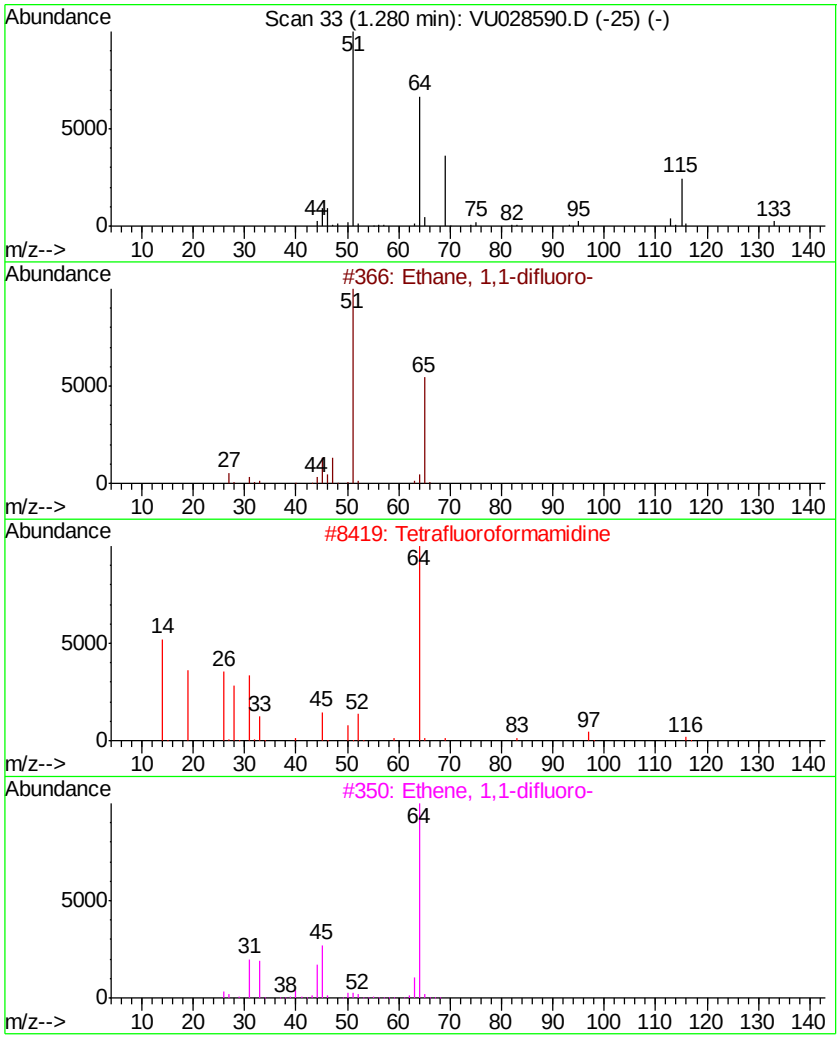
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

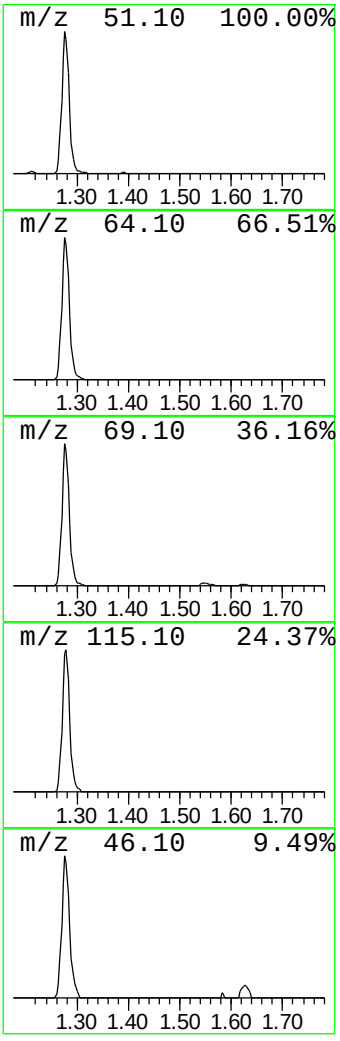
****

Peak Number 1 unknown1.28 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.28	20.07 ug/l	101848	Pentafluorobenzene	4.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	9
2	Tetrafluoroformamidine	116	CF4N2	014362-70-0	7
3	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
5	Sulfur dioxide	64	O2S	007446-09-5	4





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ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : P001-SW002-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260

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

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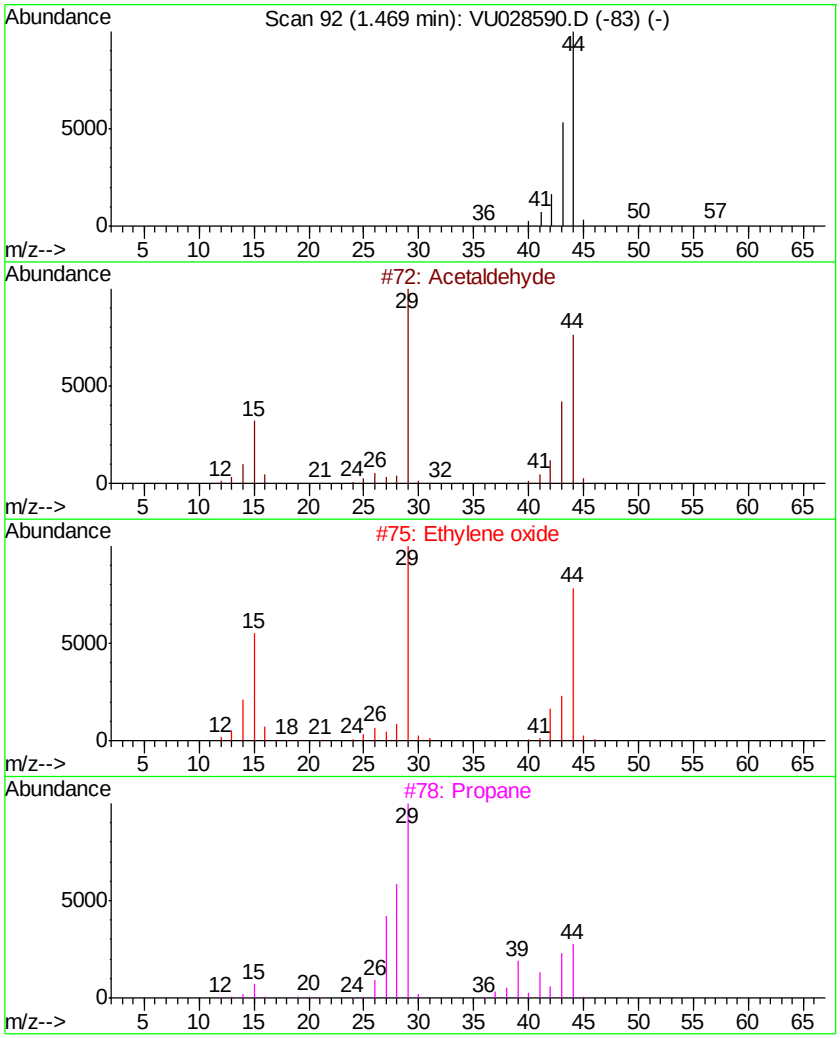
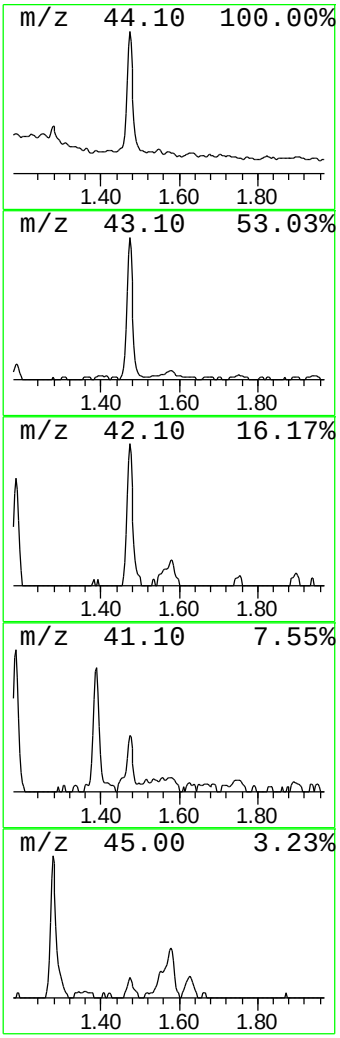
Peak Number 2 Acetaldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.47	5.80 ug/l	29419	Pentafluorobenzene	4.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	83
2	Ethylene oxide	44	C2H4O	000075-21-8	5
3	Propane	44	C3H8	000074-98-6	4
4	1,2-Propanediamine	74	C3H10N2	000078-90-0	4
5	(R)-(-)-2-Amino-1-propanol	75	C3H9NO	035320-23-1	4





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Instrument : MSVOA_U
ClientSampleId : P001-SW002-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260

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

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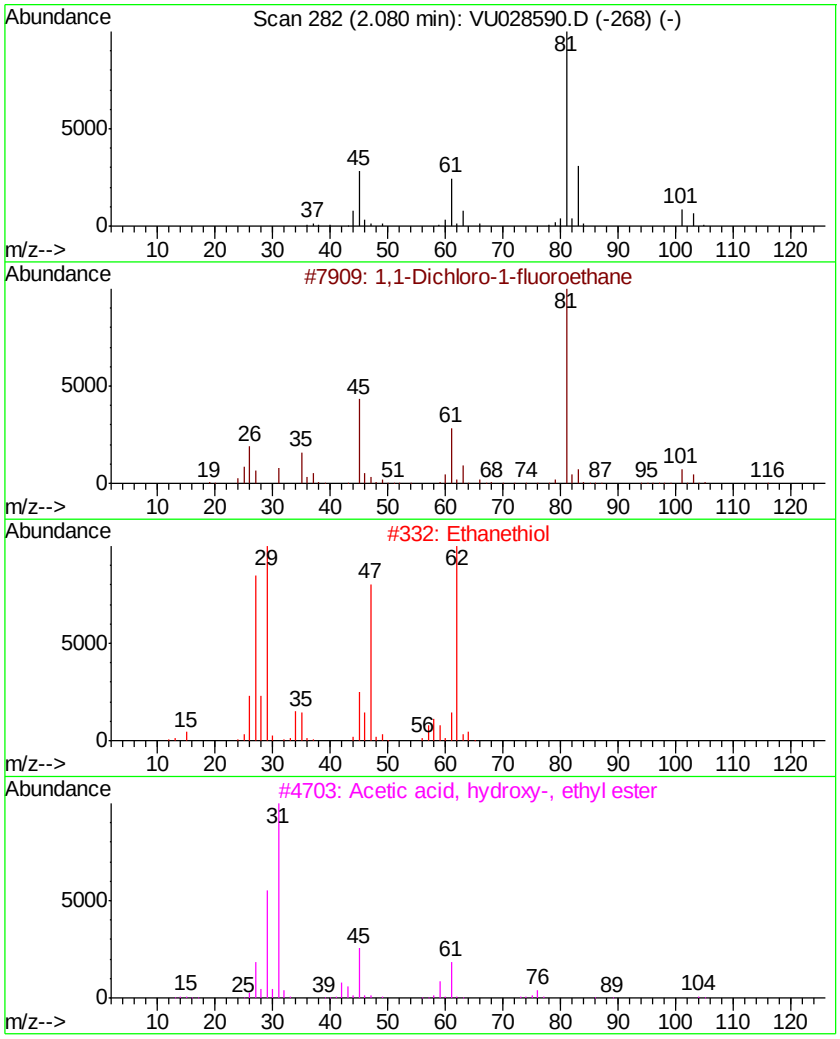
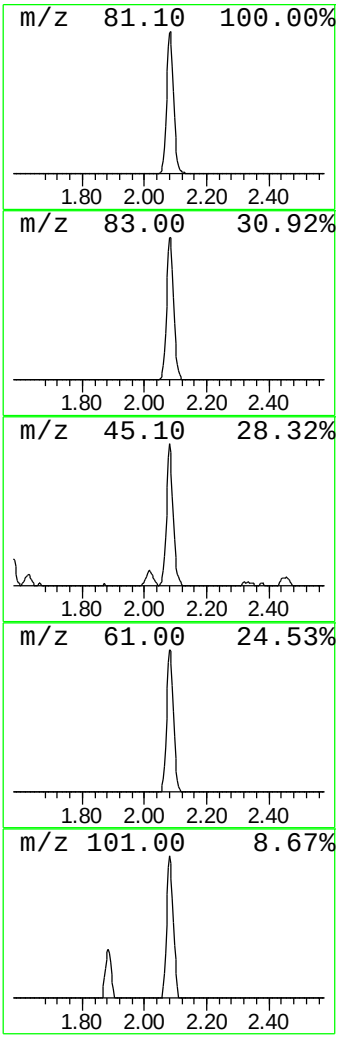
Peak Number 3 1,1-Dichloro-1-fluoroethane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.08	15.39 ug/l	78106	Pentafluorobenzene	4.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dichloro-1-fluoroethane	116	C2H3Cl2F	001717-00-6	64
2	Ethanethiol	62	C2H6S	000075-08-1	4
3	Acetic acid, hydroxy-, ethyl ester	104	C4H8O3	000623-50-7	2
4	Peroxide, dimethyl	62	C2H6O2	000690-02-8	2
5	Silane, difluorodimethyl-	96	C2H6F2Si	000353-66-2	2





Library Search Compound Report

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Instrument : MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260

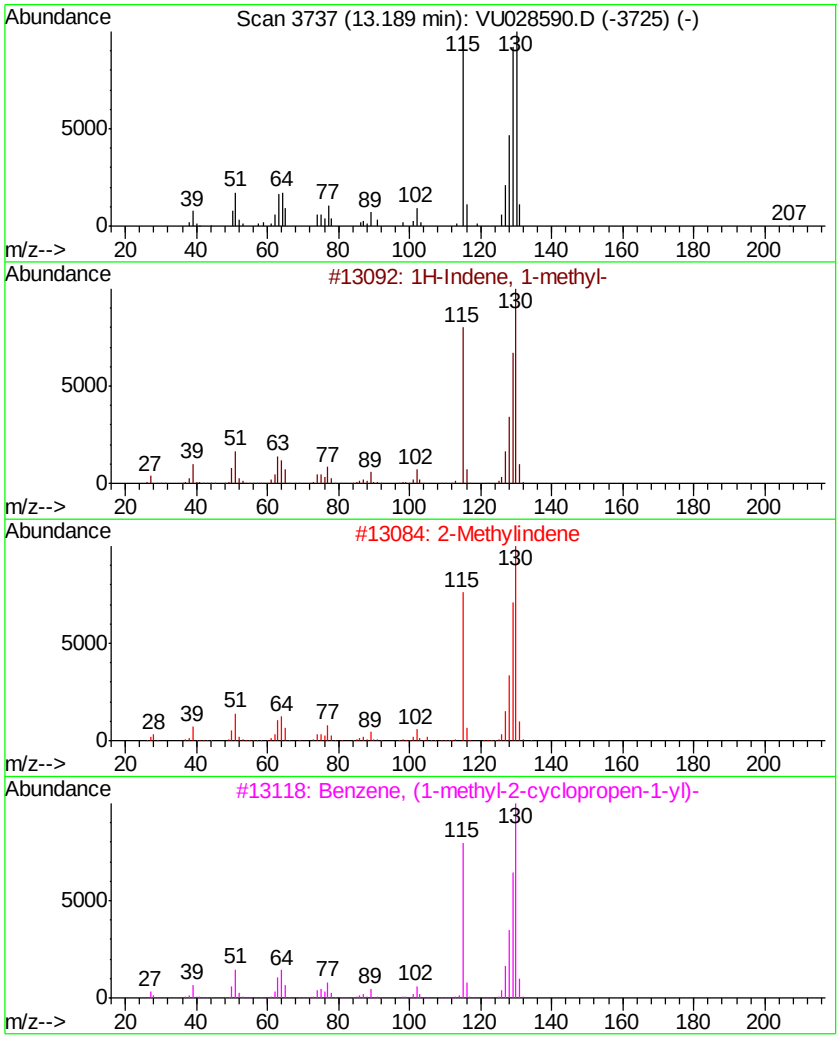
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

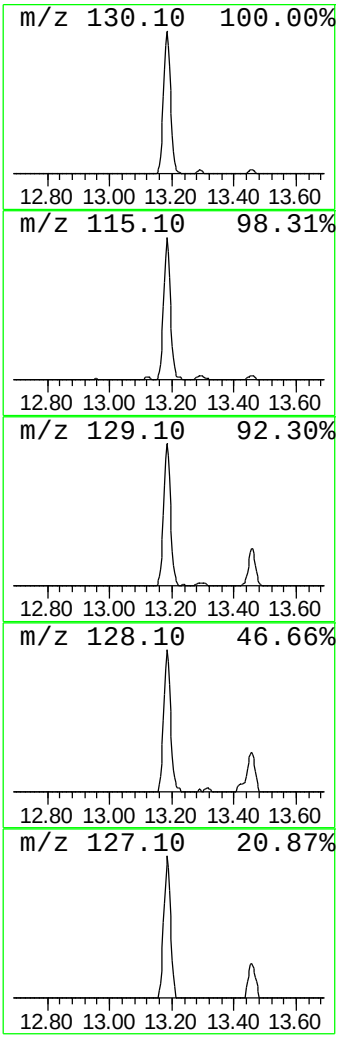
****

Peak Number 4 1H-Indene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	11.79 ug/l	91126	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	2-Methylindene	130	C10H10	002177-47-1	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
4	Cyclopropa[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown1.28	1.28	20.1	ug/l	101848	1	4.98	253699	50.0
Acetaldehyde	1.47	5.8	ug/l	29419	1	4.98	253699	50.0
1,1-Dichloro-1-fl...	2.08	15.4	ug/l	78106	1	4.98	253699	50.0
1H-Indene, 1-methyl-	13.19	11.8	ug/l	91126	4	11.48	386613	50.0