LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
Data File : VY003421.D
Acq On : 03 Aug 2020 16:51
Operator : SY/MD
Sample : L3535-06
Misc : 8.12G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : JTY1-SB-01-48-49

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_Y\METHODS\82Y073120S.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	1.865	16	21	33	rVB	174246	252770	11.31%	1.891%
2	2.225	72	80	89	rBV2	135546	280995	12.57%	2.102%
3	2.463	112	119	126	rBV3	15786	40631	1.82%	0.304%
4	2.755	161	167	173	rVB2	11831	23837	1.07%	0.178%
5	2.908	187	192	200	rVB6	11295	25189	1.13%	0.188%
6	3.170	227	235	243	rBV	29276	65813	2.94%	0.492%
7	3.274	243	252	263	rVB5	26106	85709	3.83%	0.641%
8	3.609	299	307	316	rVB3	10689	30940	1.38%	0.231%
9	4.200	396	404	413	rBV	8842	25095	1.12%	0.188%
10	4.328	417	425	433	rVB2	13608	38561	1.73%	0.289%
11	4.725	479	490	506	rBV	83203	272460	12.19%	2.039%
12	5.584	616	631	643	rBV7	12266	49232	2.20%	0.368%
13	5.755	650	659	669	rBV6	6583	22628	1.01%	0.169%
14	7.267	897	907	915	rBV3	15306	42514	1.90%	0.318%
15	7.724	970	982	988	rBV	309988	755715	33.81%	5.654%
16	7.797	988	994	1006	rVB	535168	1209006	54.09%	9.046%
17	8.145	1043	1051	1063	rVB	291043	646180	28.91%	4.835%
18	8.693	1132	1141	1155	rBV	806709	1612301	72.13%	12.064%
19	10.181	1374	1385	1392	rBV	1271737	2235249	100.00%	16.725%
20	11.486	1592	1599	1611	rBV	1182987	1931722	86.42%	14.454%
21	12.479	1754	1762	1771	rBV2	1035443	1698835	76.00%	12.711%
22	13.424	1910	1917	1927	rVB	1262411	1897625	84.90%	14.198%
23	13.961	2000	2005	2012	rVB2	31779	54685	2.45%	0.409%
24	15.089	2186	2190	2195	rVB5	16112	24438	1.09%	0.183%
25	15.393	2235	2240	2247	rVB	23639	42923	1.92%	0.321%

Sum of corrected areas: 13365053

LSC Report - Integrated Chromatogram

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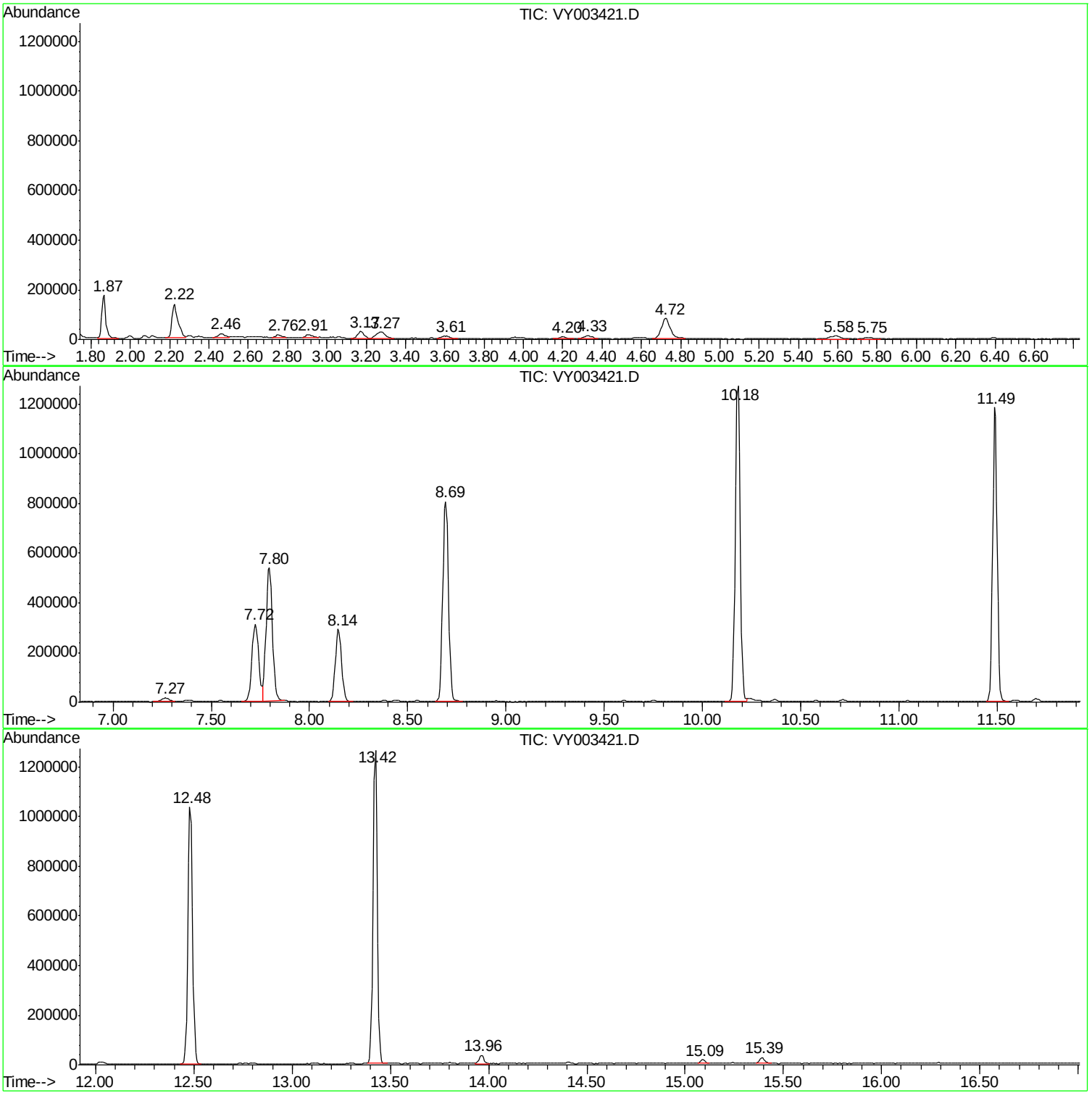
Instrument : MSVOA_Y
ClientSampleId : JTY1-SB-01-48-49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Acq On : 03 Aug 2020 16:51
Operator : SY/MD
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Misc : 8.12G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : JTY1-SB-01-48-49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260

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

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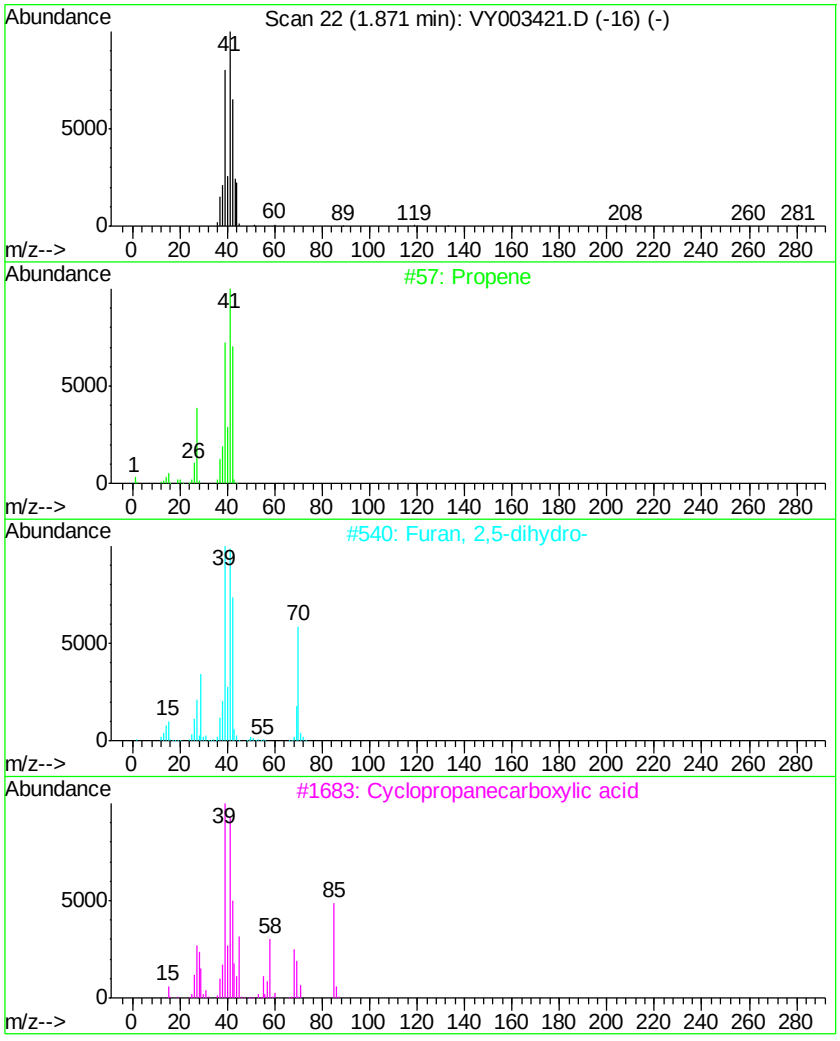
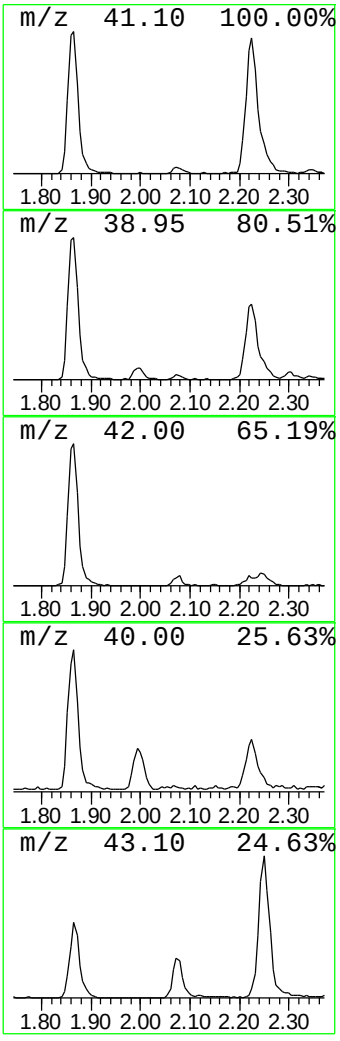
Peak Number 1 Propene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.87	10.45 ug/l	252770	Pentafluorobenzene	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	83
3	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	83
4	Pyrimidin-4(3H)-one, 3-amino-2,6...	139	C6H9N3O	093098-74-9	78
5	2-Butenal, (E)-	70	C4H6O	000123-73-9	78





Library Search Compound Report

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Instrument : MSVOA_Y
ClientSampleId : JTY1-SB-01-48-49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260

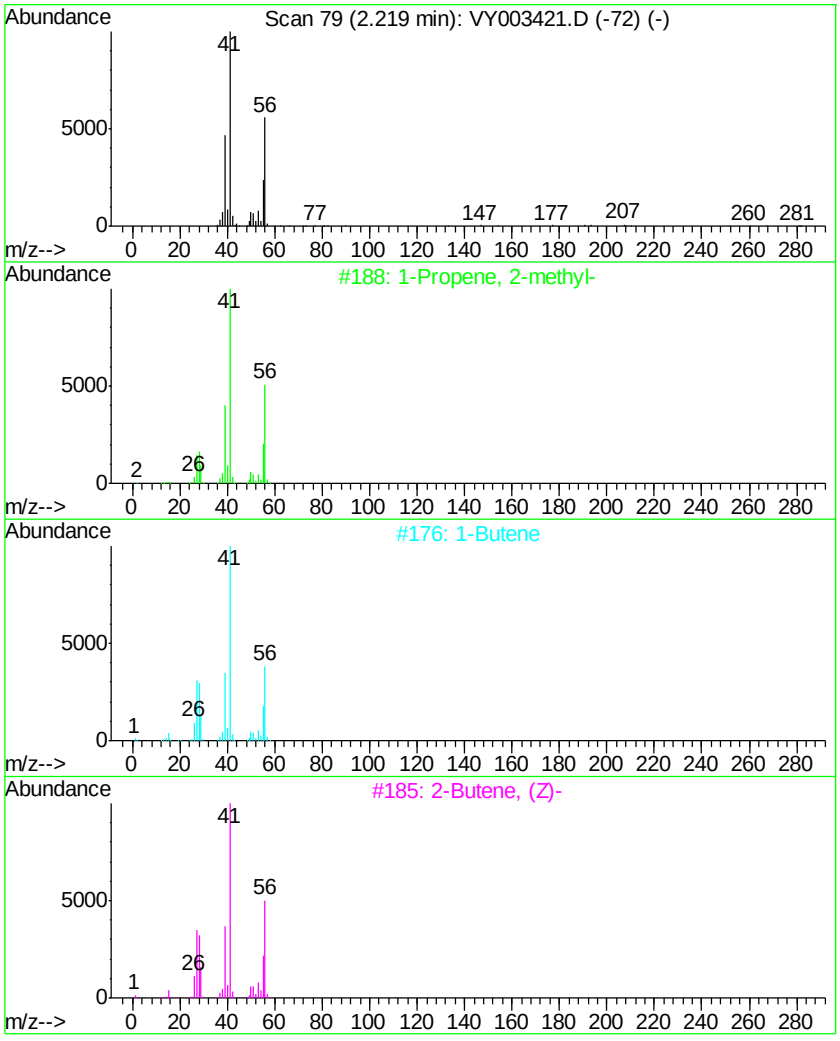
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

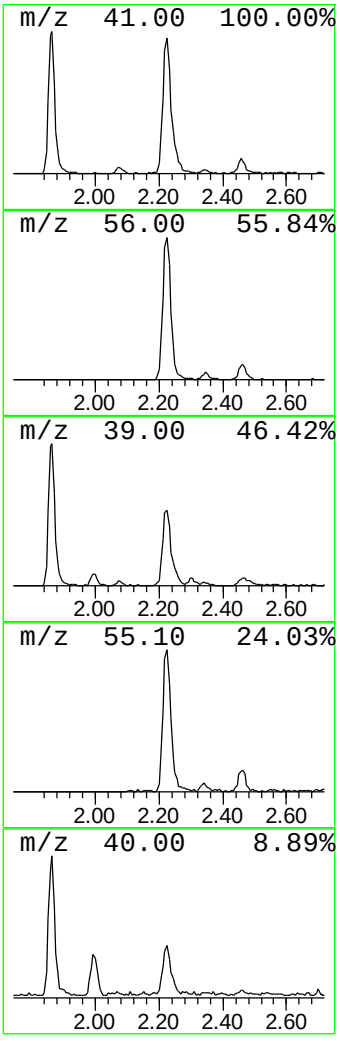
****

Peak Number 2 1-Propene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	11.62 ug/l	280995	Pentafluorobenzene	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	87
2	1-Butene	56	C4H8	000106-98-9	83
3	2-Butene, (Z)-	56	C4H8	000590-18-1	80
4	2-Butene, (E)-	56	C4H8	000624-64-6	80
5	2-Butene	56	C4H8	000107-01-7	64





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.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
Propene	1.87	10.4	ug/l	252770	1	7.80	1209010	50.0
1-Propene, 2-methyl-	2.22	11.6	ug/l	280995	1	7.80	1209010	50.0