LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
Data File : VX003178.D
Acq On : 05 Jul 2018 17:53
Operator : JC/MD
Sample : J3842-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S10-0149

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_X\METHOD\82X062518W.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	1.075	76	80	93	rBV	553042	826495	61.88%	9.664%
2	1.404	130	134	140	rVB	30750	34271	2.57%	0.401%
3	1.788	192	197	210	rVB	68495	100634	7.53%	1.177%
4	2.452	301	306	313	rVB	8480	14758	1.10%	0.173%
5	2.623	329	334	341	rVB	25899	45375	3.40%	0.531%
6	2.843	362	370	376	rBV	34734	82318	6.16%	0.963%
7	3.172	417	424	430	rBV3	6388	14541	1.09%	0.170%
8	4.397	615	625	636	rVB2	10439	32472	2.43%	0.380%
9	5.513	793	808	824	rBV	164898	499369	37.39%	5.839%
10	5.671	824	834	852	rVB	245811	702299	52.58%	8.212%
11	6.074	889	900	906	rBV	170716	440689	33.00%	5.153%
12	6.147	906	912	925	rVB	133777	349728	26.19%	4.089%
13	6.866	1020	1030	1044	rBV	351284	825473	61.81%	9.652%
14	7.470	1119	1129	1136	rBV4	9794	24916	1.87%	0.291%
15	7.994	1208	1215	1222	rBV	7275	14131	1.06%	0.165%
16	8.518	1294	1301	1309	rBV	24061	43933	3.29%	0.514%
17	8.720	1327	1334	1352	rBV	860815	1335571	100.00%	15.616%
18	9.524	1459	1466	1473	rVV	26831	41059	3.07%	0.480%
19	10.073	1551	1556	1559	rBV	62176	91439	6.85%	1.069%
20	10.116	1559	1563	1582	rVB	728468	998285	74.75%	11.672%
21	11.079	1716	1721	1725	rBV2	18125	25090	1.88%	0.293%
22	11.140	1725	1731	1741	rBV	725956	927052	69.41%	10.840%
23	12.079	1880	1885	1893	rBV	834424	1082610	81.06%	12.658%

Sum of corrected areas: 8552508

LSC Report - Integrated Chromatogram

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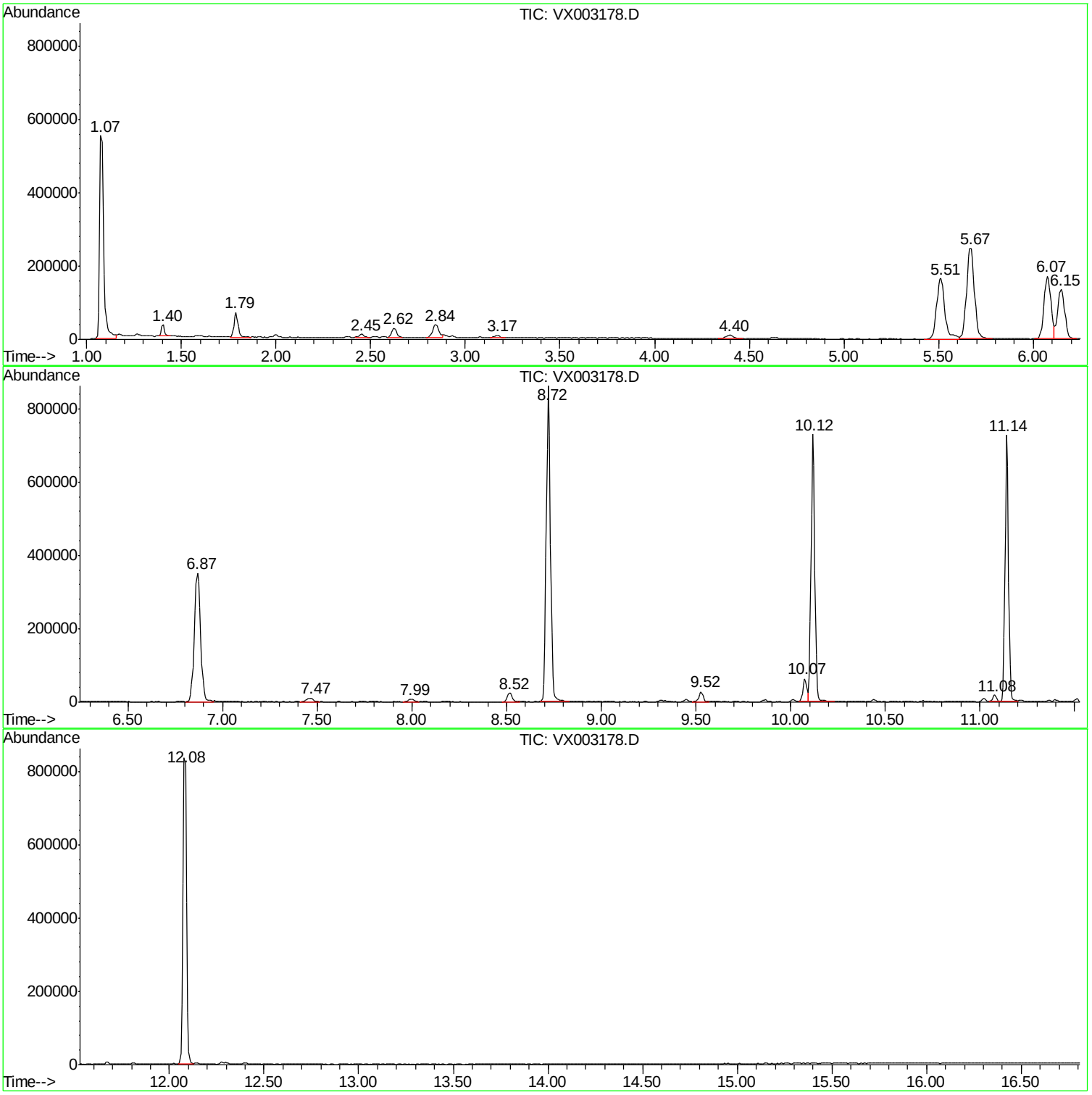
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

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

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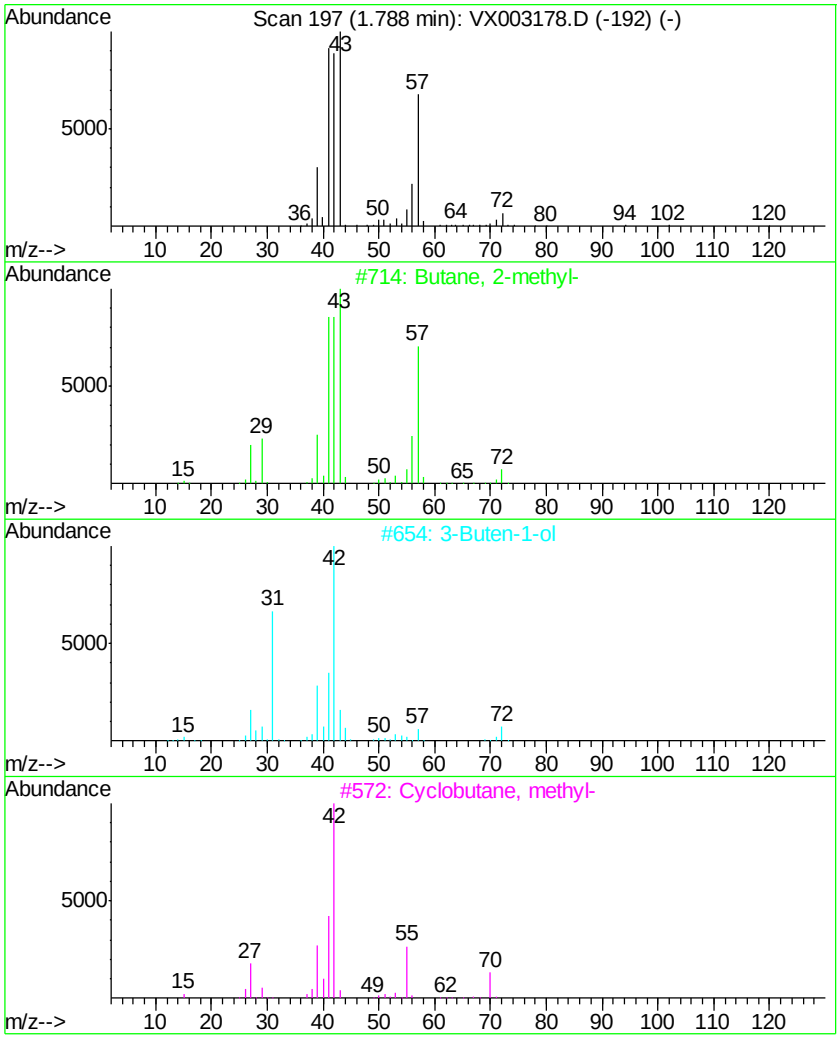
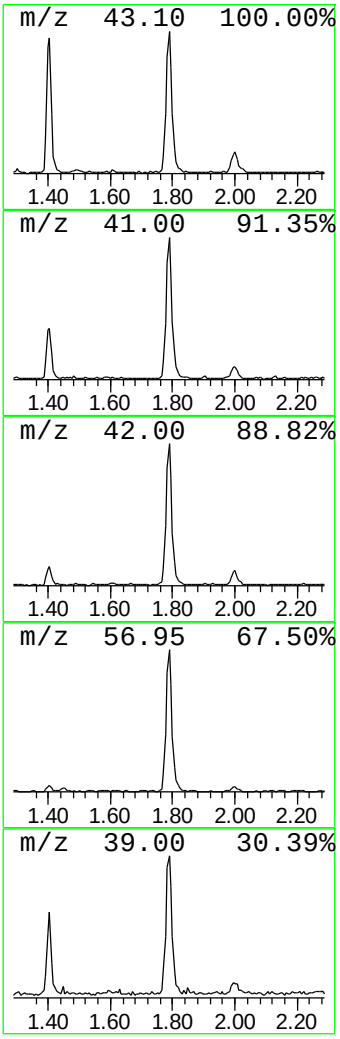
Peak Number 2 Butane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.79	7.16 ug/l	100634	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	47
4	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	33
5	1-Butene	56	C4H8	000106-98-9	18





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Quant Title : SW846 8260

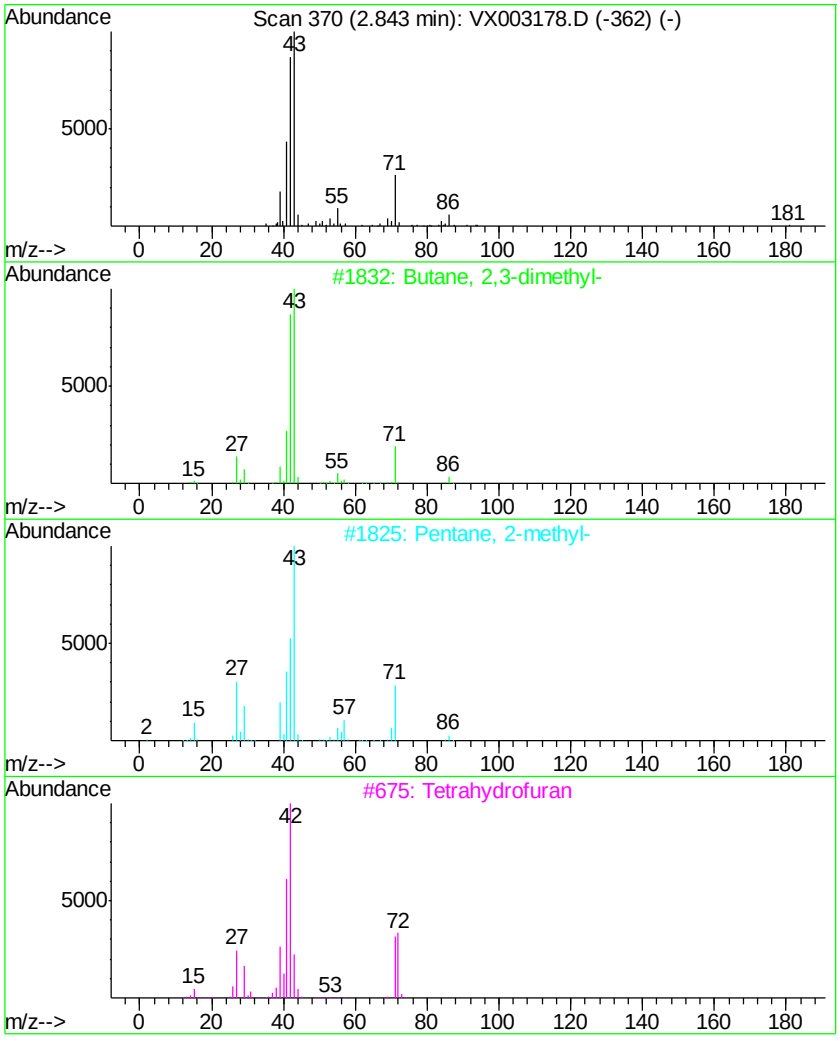
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

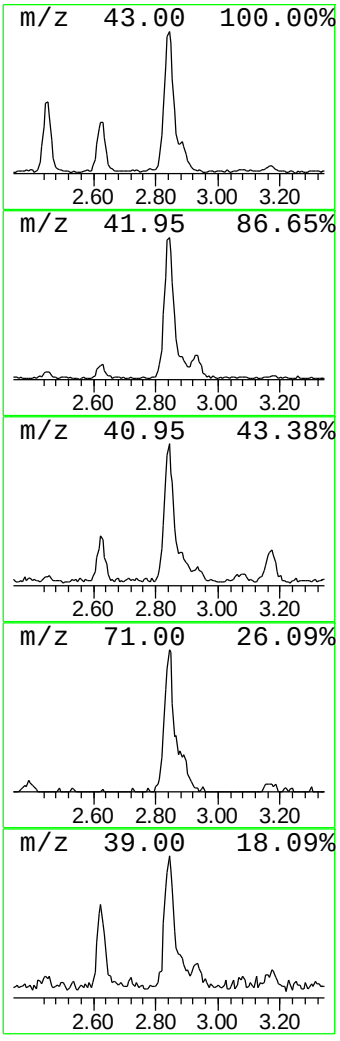
****

Peak Number 3 Butane, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.84	5.86 ug/l	82318	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	47
3	Tetrahydrofuran	72	C4H8O	000109-99-9	36
4	Dichloroacetic acid, pentyl ester	198	C7H12Cl2O2	037079-03-1	32
5	2H-Pyran-2,3-diol, tetrahydro-, ...	202	C9H14O5	003021-94-1	10





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methyl-	1.79	7.2	ug/l	100634	1	5.67	702299	50.0
Butane, 2,3-dimet...	2.84	5.9	ug/l	82318	1	5.67	702299	50.0