LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112019\
Data File : VV013695.D
Acq On : 20 Nov 2019 17:57
Operator : SY/MD
Sample : K5911-08
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQL1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\METHOD\SOMVTR111519WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.116	3	8	26	rVB	303361	305729	22.21%	2.570%
2	1.190	27	31	37	rVV2	25169	27800	2.02%	0.234%
3	1.229	37	43	53	rVB	89877	90626	6.58%	0.762%
4	1.319	61	71	78	rBV2	247441	315340	22.91%	2.650%
5	1.428	100	105	111	rBV4	15930	16691	1.21%	0.140%
6	1.582	146	153	161	rBV	152653	165668	12.04%	1.392%
7	1.650	167	174	183	rVB	58481	72105	5.24%	0.606%
8	1.827	223	229	244	rVB3	30431	52406	3.81%	0.440%
9	2.000	274	283	290	rVB10	8276	13815	1.00%	0.116%
10	2.129	310	323	334	rBV	263694	376105	27.33%	3.161%
11	2.319	376	382	391	rVB	15079	22237	1.62%	0.187%
12	2.801	517	532	548	rBV2	52629	113618	8.26%	0.955%
13	3.074	606	617	628	rBV2	6505	14509	1.05%	0.122%
14	3.923	866	881	916	rBV	206951	568109	41.28%	4.775%
15	4.396	1008	1028	1051	rBV	235004	578304	42.02%	4.860%
16	5.093	1225	1245	1274	rBV2	512905	1301525	94.57%	10.939%
17	5.659	1407	1421	1443	rBV	401558	813677	59.12%	6.839%
18	5.955	1500	1513	1530	rBV	18588	49715	3.61%	0.418%
19	6.113	1549	1562	1578	rBV	299802	620258	45.07%	5.213%
20	7.026	1834	1846	1862	rBV	130777	238757	17.35%	2.007%
21	7.357	1936	1949	1963	rBV	578371	997440	72.47%	8.383%
22	7.431	1963	1972	1984	rVB2	54048	94838	6.89%	0.797%
23	7.662	2034	2044	2061	rBV	81192	139433	10.13%	1.172%
24	8.129	2178	2189	2231	rBV	610115	1376276	100.00%	11.567%
25	8.891	2414	2426	2447	rBV	617363	1002141	72.82%	8.423%
26	9.055	2466	2477	2489	rVB	52087	82702	6.01%	0.695%
27	9.177	2504	2515	2528	rVB	28298	50529	3.67%	0.425%
28	9.582	2635	2641	2652	rBV2	10661	15827	1.15%	0.133%
29	10.257	2837	2851	2864	rBV	240107	383647	27.88%	3.224%
30	10.421	2885	2902	2908	rBV5	11807	29952	2.18%	0.252%
31	10.961	3059	3070	3075	rBV2	14260	22060	1.60%	0.185%
32	11.289	3160	3172	3187	rBV	580101	919671	66.82%	7.730%
33	11.572	3251	3260	3271	rBV	8337	17382	1.26%	0.146%
34	11.665	3276	3289	3307	rVV	590245	959947	69.75%	8.068%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112019\
Data File : VV013695.D
Acq On : 20 Nov 2019 17:57
Operator : SY/MD
Sample : K5911-08
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQL1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\METHOD\SOMVTR111519WMA.M
Title : TRACE VOA SOM01.0

35	12.389	3502	3514	3525	rBV9	17480	34339	2.50%	0.289%
36	13.479	3847	3853	3865	rBV9	8525	14900	1.08%	0.125%

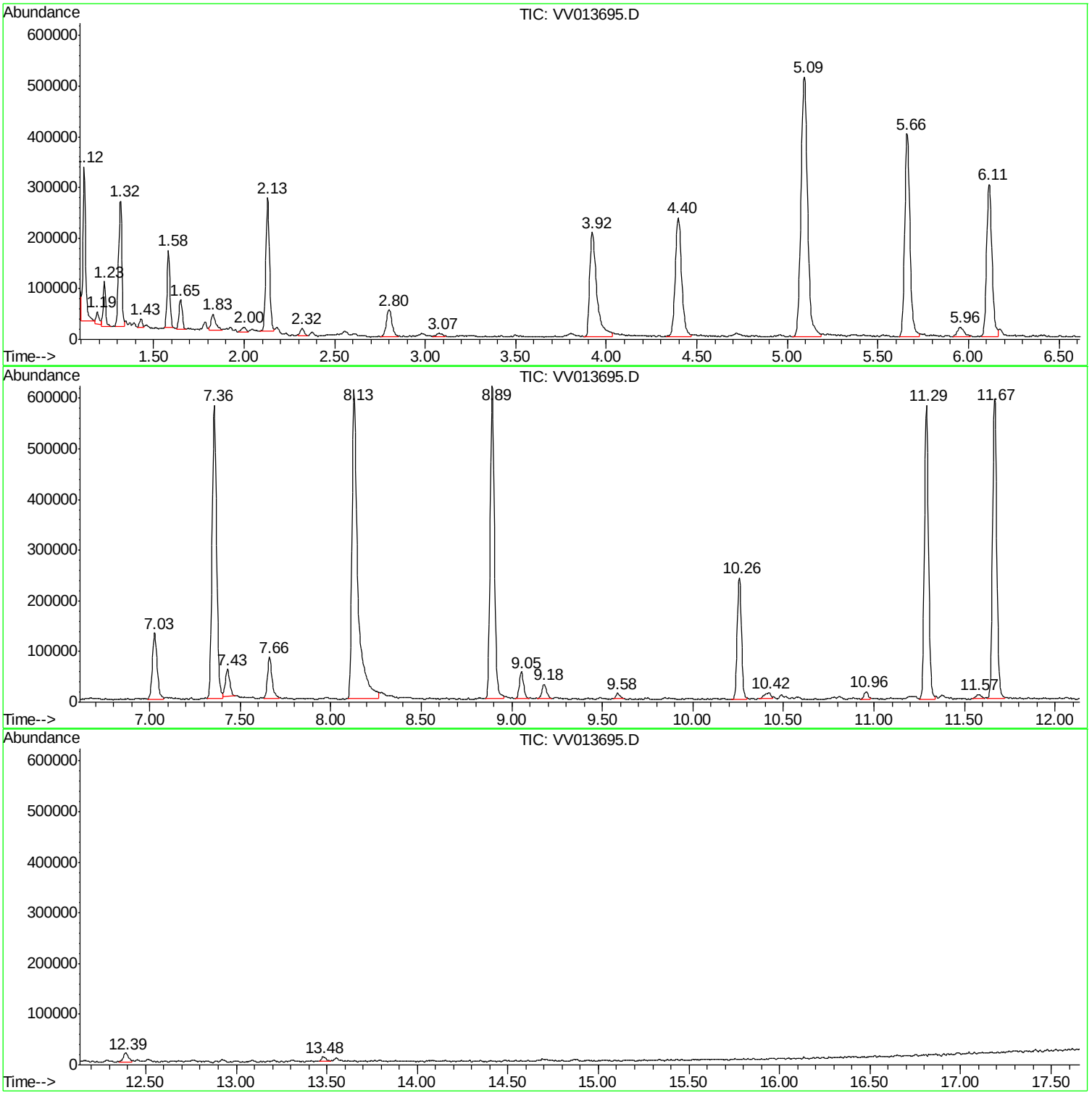
Sum of corrected areas: 11898078

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112019\
Data File : VV013695.D
Acq On : 20 Nov 2019 17:57
Operator : SY/MD
Sample : K5911-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQL1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112019\
Data File : VV013695.D
Acq On : 20 Nov 2019 17:57
Operator : SY/MD
Sample : K5911-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQL1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

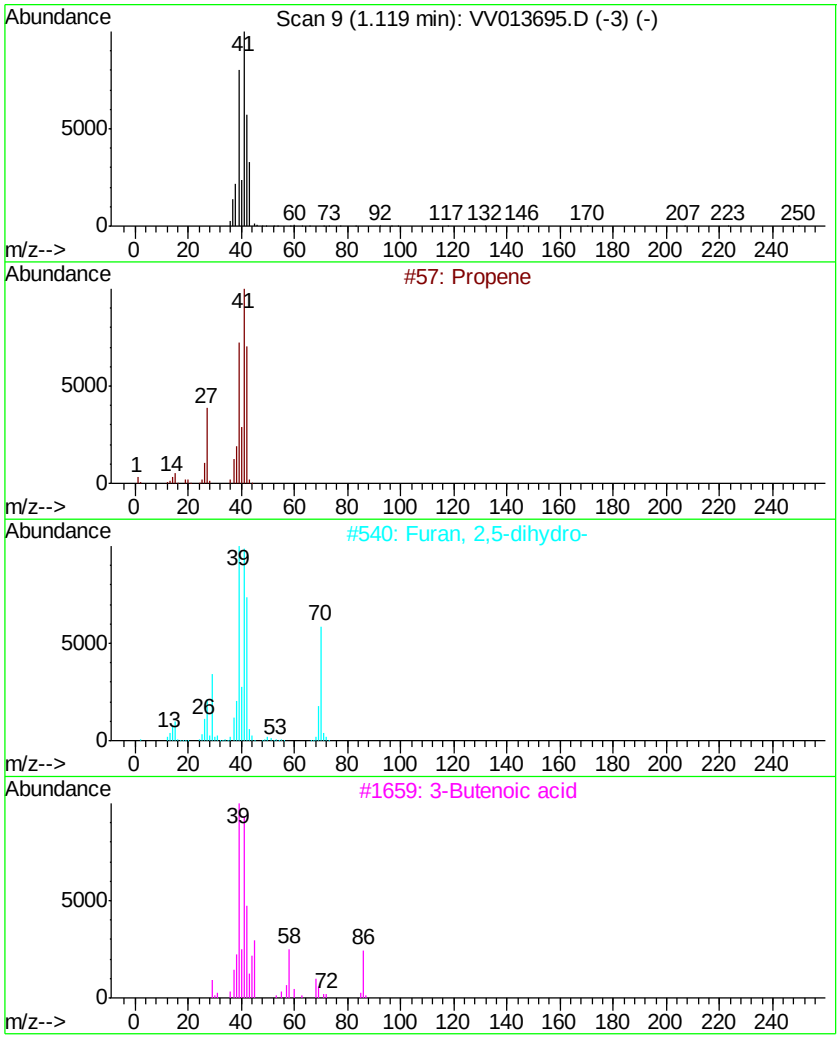
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

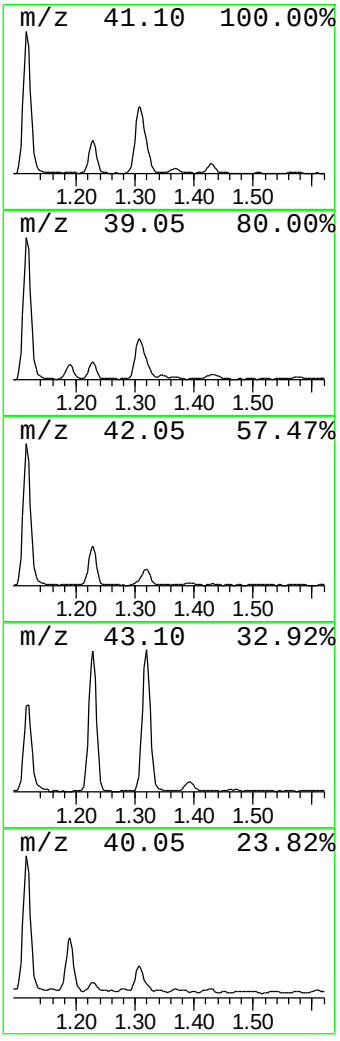
****

Peak Number 1 (DEL) Alkane: Cyclic1.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	1.88 ug/L	305729	1,4-Difluorobenzene	5.66

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	3-Butenoic acid	86	C4H6O2	000625-38-7	78
4	2-Butenal	70	C4H6O	004170-30-3	64
5	2-Butenal, (E)-	70	C4H6O	000123-73-9	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112019\
Data File : VV013695.D
Acq On : 20 Nov 2019 17:57
Operator : SY/MD
Sample : K5911-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQL1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

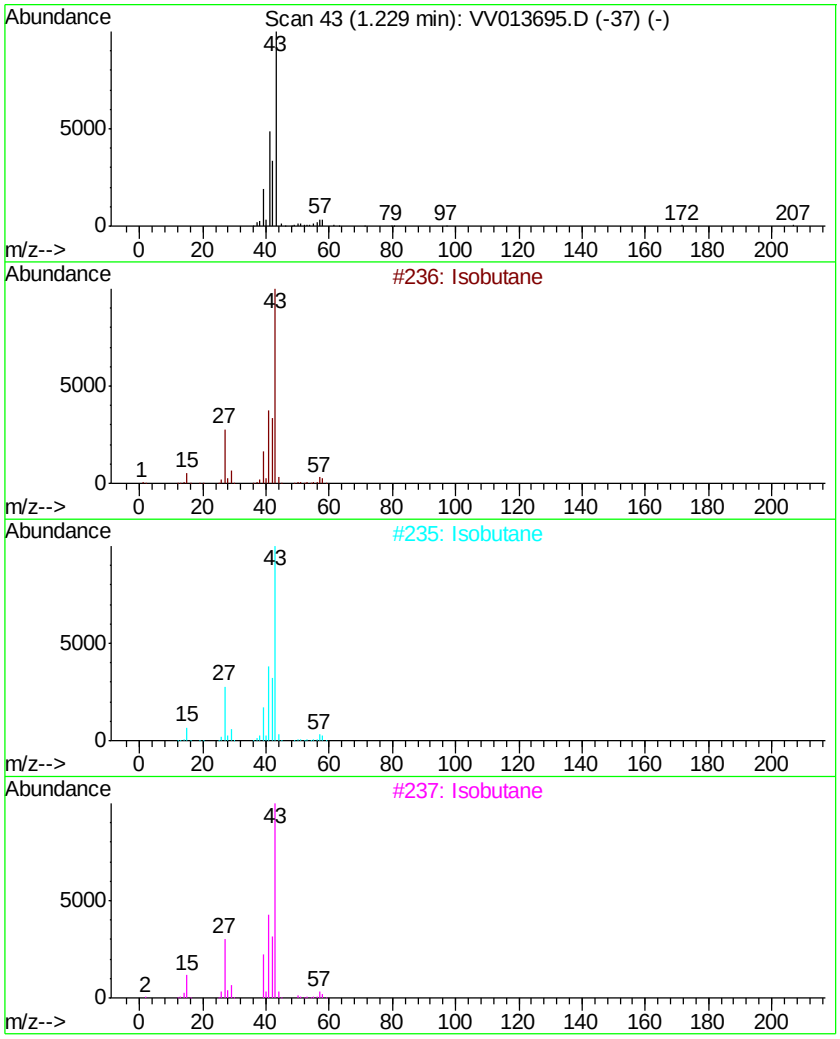
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

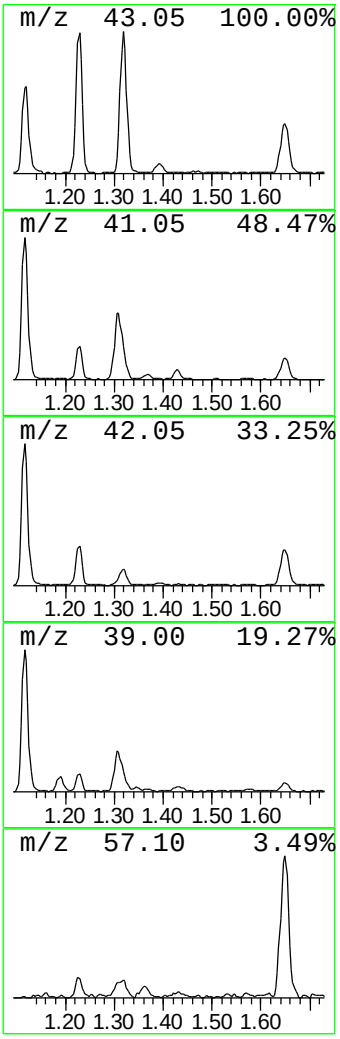
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.23	0.56 ug/L	90626	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	64
2	Isobutane	58	C4H10	000075-28-5	59
3	Isobutane	58	C4H10	000075-28-5	45
4	Isobutane	58	C4H10	000075-28-5	42
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112019\
Data File : VV013695.D
Acq On : 20 Nov 2019 17:57
Operator : SY/MD
Sample : K5911-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQL1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	1.12	1.9	ug/L	305729	1	5.66	813677	5.0
(DEL) Alkane: Str...	1.23	0.6	ug/L	90626	1	5.66	813677	5.0