LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
Data File : VU043831.D
Acq On : 19 May 2021 17:00
Operator : SY/MD
Sample : M2464-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB3Z4

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_U\Method\SFAMUTR051521WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU043831.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.375	3	11	22	rBV2	5896	8566	1.00%	0.112%
2	1.491	41	47	53	rBV2	11338	10961	1.28%	0.143%
3	1.588	68	77	102	rVB2	695802	854913	100.00%	11.146%
4	1.916	171	179	190	rVB	66053	84181	9.85%	1.097%
5	2.571	370	383	397	rBV	160888	260488	30.47%	3.396%
6	2.658	398	410	444	rVB2	17039	59258	6.93%	0.773%
7	3.250	565	594	641	rBV4	20984	155321	18.17%	2.025%
8	4.452	950	968	988	rBV3	27191	71960	8.42%	0.938%
9	4.649	1012	1029	1075	rBV2	106354	364763	42.67%	4.755%
10	5.073	1143	1161	1187	rVB4	145276	367465	42.98%	4.791%
11	5.735	1345	1367	1393	rBV2	282680	724947	84.80%	9.451%
12	6.256	1515	1529	1550	rBV	273677	518322	60.63%	6.757%
13	6.700	1653	1667	1686	rBV	171944	340589	39.84%	4.440%
14	7.134	1789	1802	1807	rBV4	16580	31491	3.68%	0.411%
15	7.176	1807	1815	1833	rVB2	46620	95560	11.18%	1.246%
16	7.574	1923	1939	1962	rBV	84091	149170	17.45%	1.945%
17	7.906	2027	2042	2056	rBV	342009	584104	68.32%	7.615%
18	7.976	2056	2064	2081	rVB2	9265	18200	2.13%	0.237%
19	8.189	2116	2130	2149	rBV	54261	89674	10.49%	1.169%
20	8.484	2209	2222	2235	rBV7	5295	11775	1.38%	0.154%
21	8.645	2255	2272	2313	rBV	424542	825894	96.61%	10.767%
22	9.423	2501	2514	2548	rBV	396335	661130	77.33%	8.619%
23	10.764	2919	2931	2949	rVB	142720	227987	26.67%	2.972%
24	10.902	2959	2974	2981	rBV	5867	8896	1.04%	0.116%
25	11.819	3245	3259	3280	rBV	385415	601279	70.33%	7.839%
26	12.069	3327	3337	3352	rBV2	10729	17816	2.08%	0.232%
27	12.201	3365	3378	3396	rBV	326292	525718	61.49%	6.854%

Sum of corrected areas: 7670428

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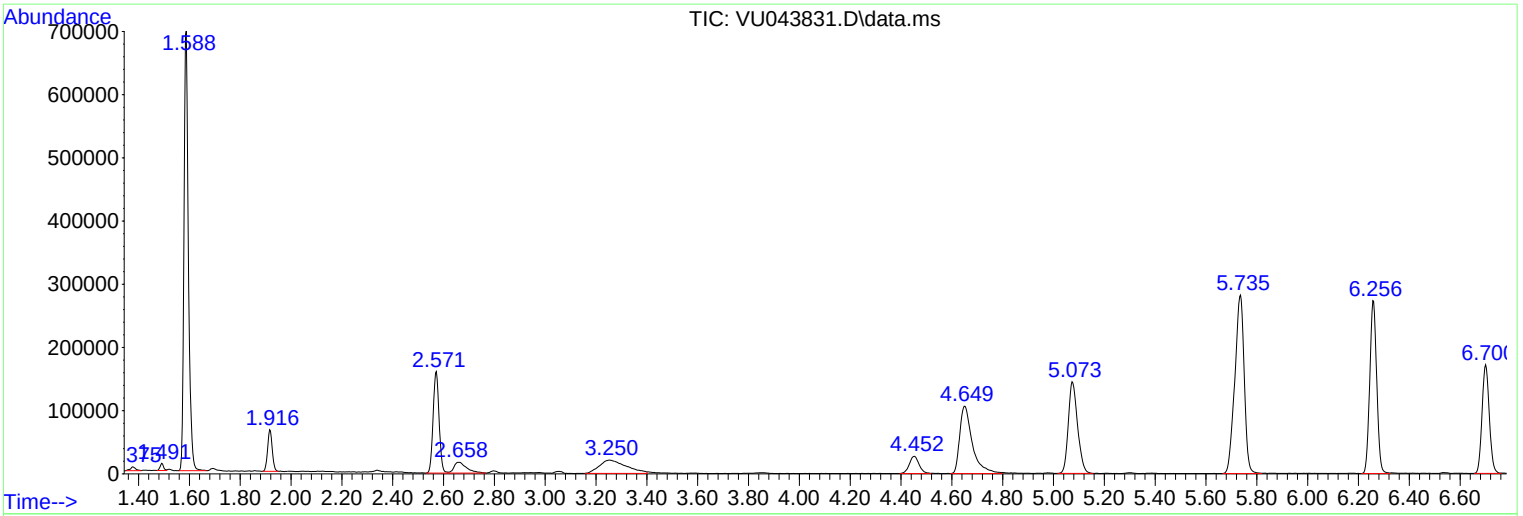
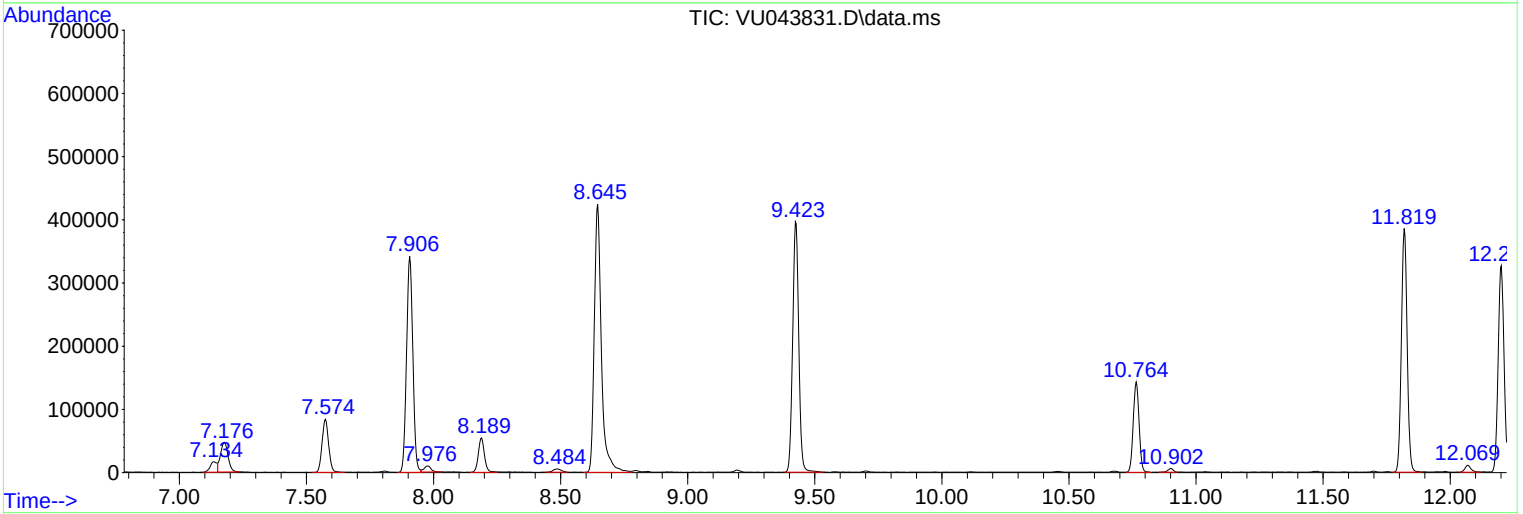
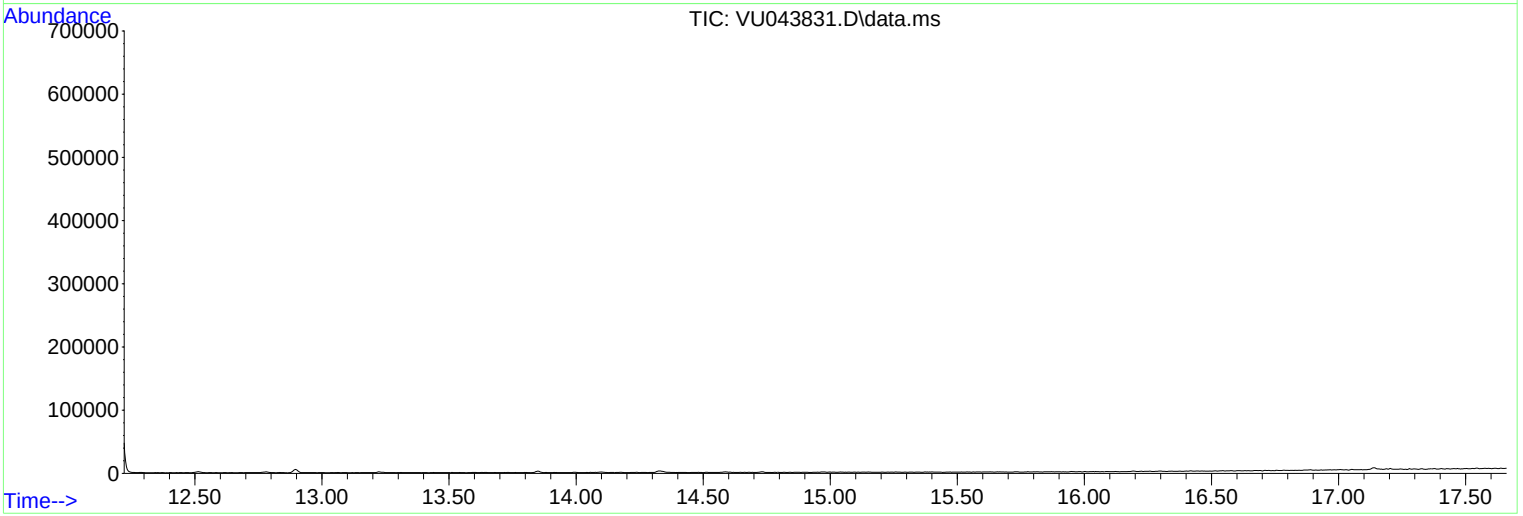
MSVOA_U
ClientSampleId :
GB3Z4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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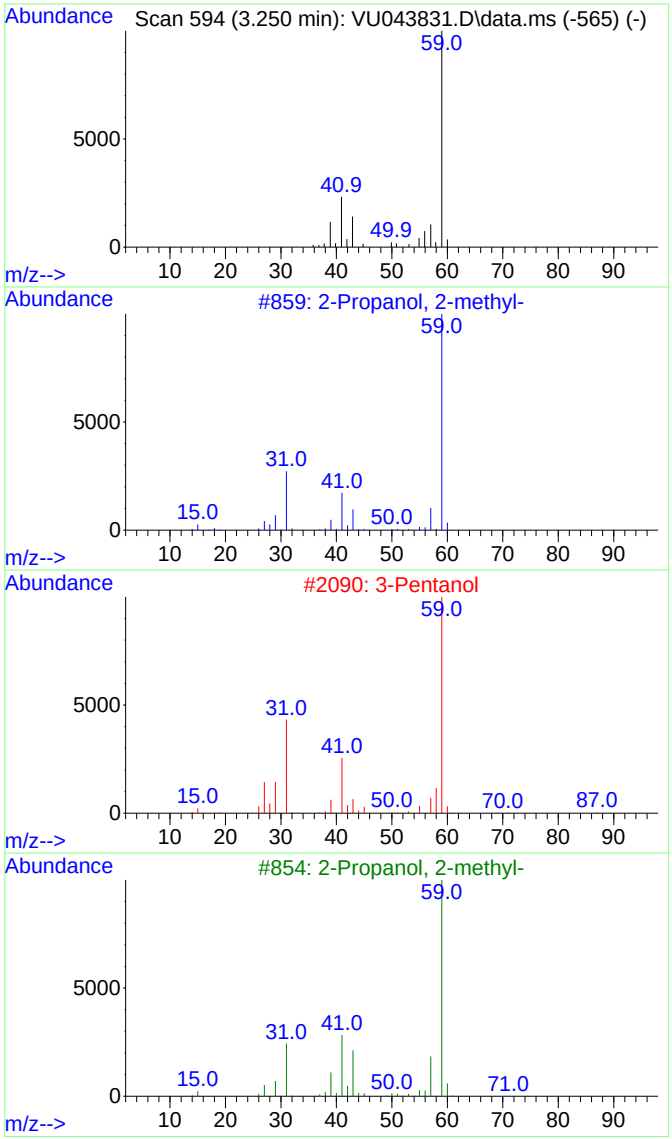
TIC Integration Parameters: LSCINT.P

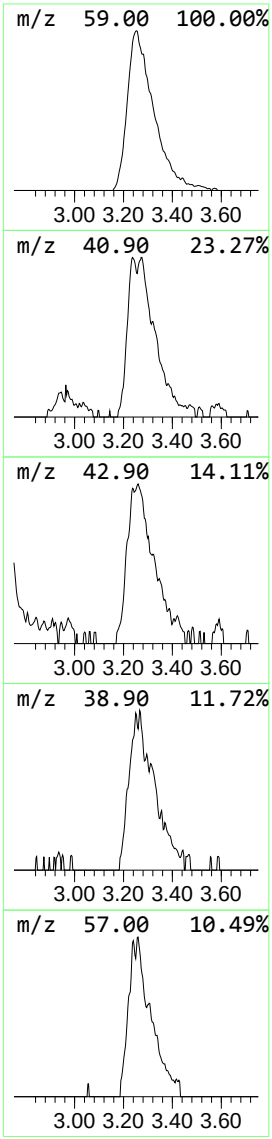
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.250	1.50 ug/L	155321	1,4-Difluorobenzene	6.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	56
2	3-Pentanol	88	C5H12O	000584-02-1	40
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	25
4	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	9
5	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	9





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ClientSampleId : GB3Z4

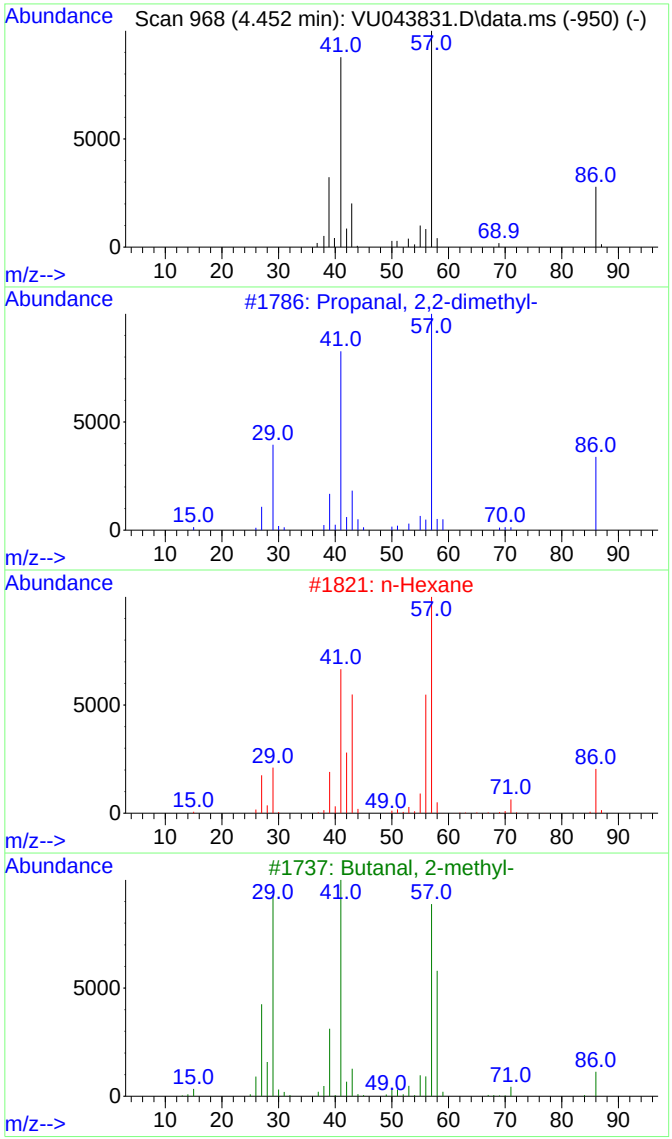
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

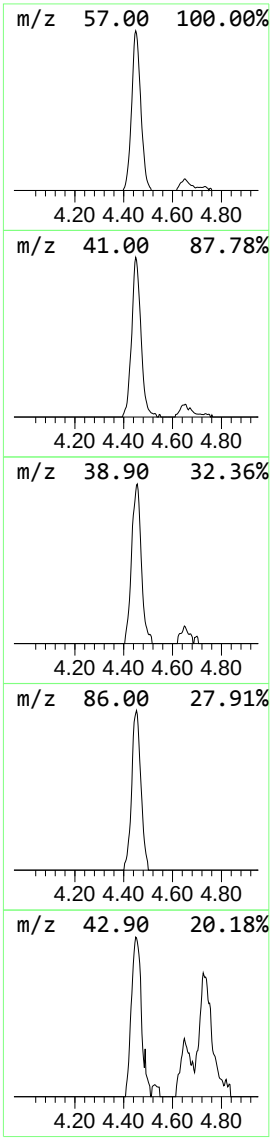
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Propanal, 2,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.452	0.69 ug/L	71960	1,4-Difluorobenzene	6.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	72
2	n-Hexane	86	C6H14	000110-54-3	53
3	Butanal, 2-methyl-	86	C5H10O	000096-17-3	50
4	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	42
5	Butane, 2-nitro-	103	C4H9NO2	000600-24-8	38





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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB3Z4

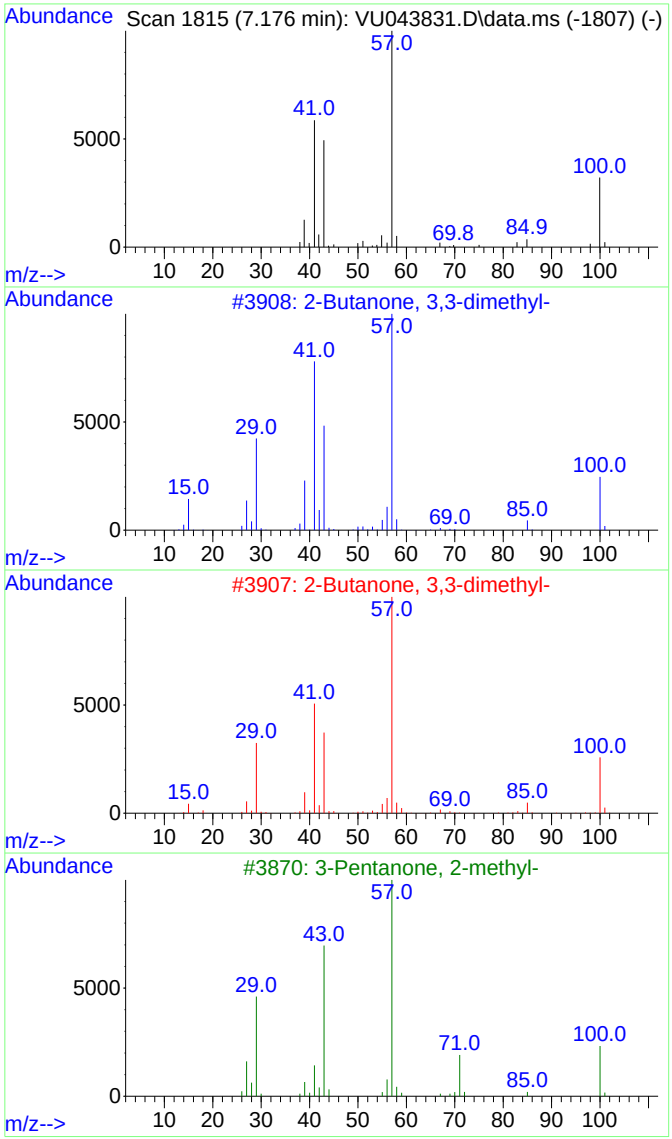
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

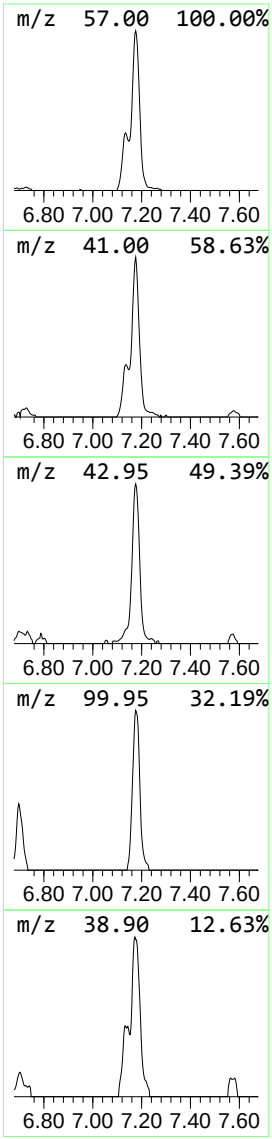
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Butanone, 3,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.176	0.92 ug/L	95560	1,4-Difluorobenzene	6.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	72
2	2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	72
3	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	50
4	3-Hexanone	100	C6H12O	000589-38-8	47
5	trans-1-Ethoxy-1-butene	100	C6H12O	1000139-43-9	38





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Propanol, 2-m...	3.250	1.5	ug/L	155321	1	6.259	518322	5.0
Propanal, 2,2-d...	4.452	0.7	ug/L	71960	1	6.259	518322	5.0
2-Butanone, 3,3...	7.176	0.9	ug/L	95560	1	6.259	518322	5.0