LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110723\
Data File : VU056097.D
Acq On : 07 Nov 2023 14:33
Operator : MD/SY
Sample : 05239-07RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AP8RE

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\SFAMUTR110723WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU056097.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.595	84	95	110	rBV	192822	254107	18.09%	2.100%
2	1.682	116	122	134	rVB	16646	21581	1.54%	0.178%
3	1.907	184	192	211	rVB	138896	198326	14.12%	1.639%
4	2.563	382	396	408	rBV	322977	531054	37.80%	4.388%
5	2.628	408	416	435	rVB	37600	70895	5.05%	0.586%
6	2.901	492	501	520	rBV4	6125	15179	1.08%	0.125%
7	3.197	573	593	594	rBV3	14439	27257	1.94%	0.225%
8	4.431	956	977	1006	rBV3	71586	204547	14.56%	1.690%
9	4.618	1024	1035	1067	rBV	175670	455290	32.41%	3.762%
10	4.801	1082	1092	1113	rBV	77057	168248	11.98%	1.390%
11	5.055	1155	1171	1198	rBV	269227	602135	42.86%	4.975%
12	5.721	1354	1378	1400	rBV2	545729	1404879	100.00%	11.608%
13	6.245	1528	1541	1568	rBV	433977	851661	60.62%	7.037%
14	6.685	1664	1678	1707	rBV	327014	647087	46.06%	5.347%
15	7.119	1800	1813	1842	rBV3	76506	205332	14.62%	1.697%
16	7.563	1937	1951	1977	rBV	166300	305389	21.74%	2.523%
17	7.894	2039	2054	2087	rBV	677645	1231154	87.63%	10.173%
18	8.177	2130	2142	2159	rBV	98829	174718	12.44%	1.444%
19	8.631	2271	2283	2321	rBV2	629251	1304913	92.88%	10.782%
20	8.785	2325	2331	2349	rVB4	16960	31717	2.26%	0.262%
21	9.415	2514	2527	2555	rBV	594914	1062510	75.63%	8.779%
22	10.753	2929	2943	2960	rBV	226555	371195	26.42%	3.067%
23	10.888	2974	2985	2994	rBV2	11890	18898	1.35%	0.156%
24	11.807	3259	3271	3293	rBV	559429	938385	66.79%	7.754%
25	12.190	3377	3390	3412	rBV	575274	991774	70.59%	8.195%
26	12.891	3600	3608	3620	rBV7	7878	14156	1.01%	0.117%

Sum of corrected areas: 12102387

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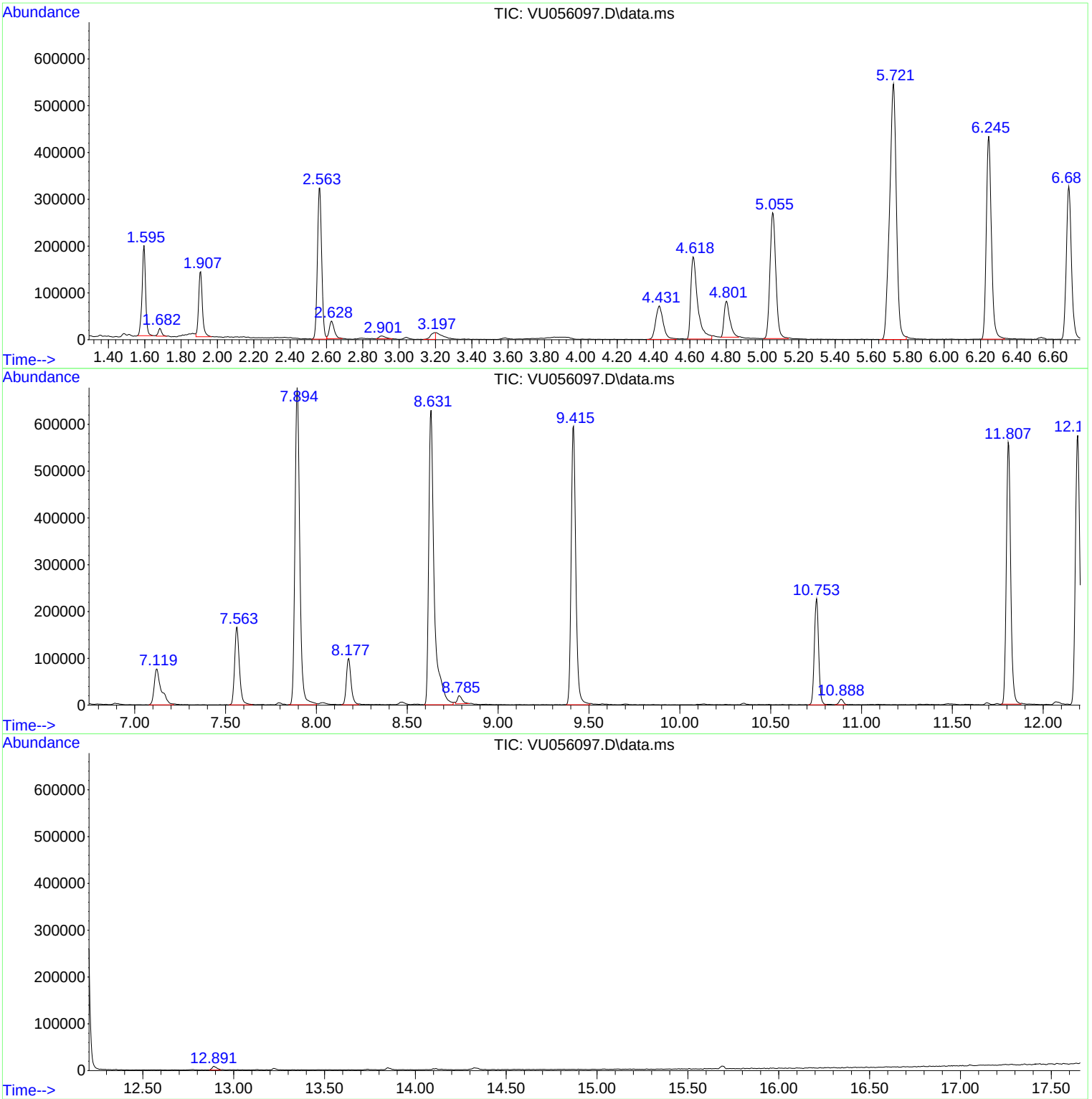
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Quant Title : TRACE VOA SFAM1.0

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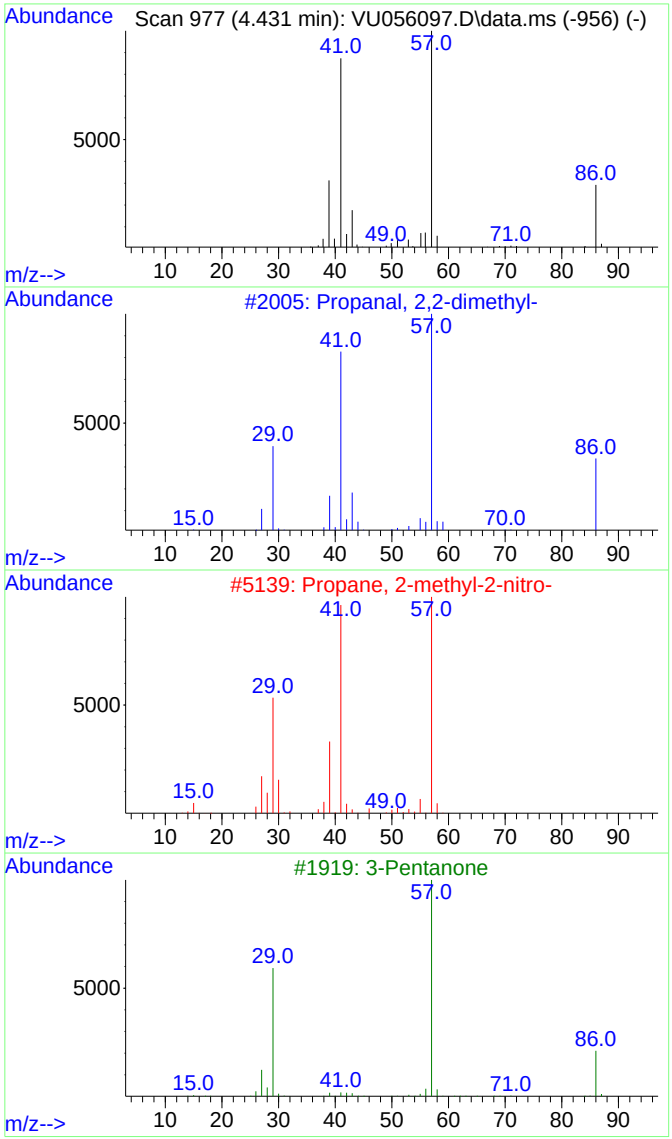
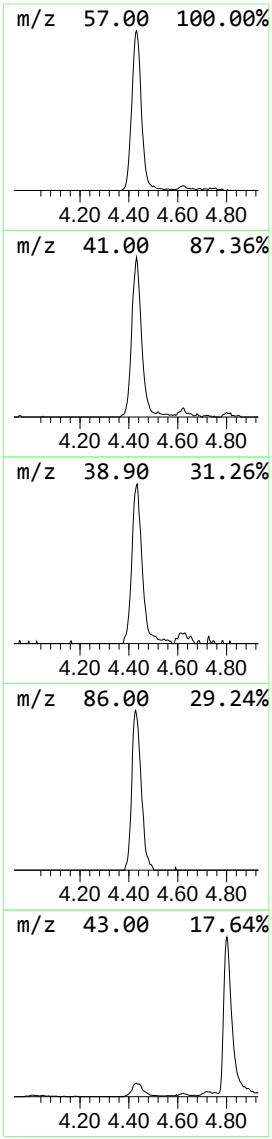
Peak Number 1 Propanal, 2,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.431	1.20 ug/L	204547	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	80
2	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	43
3	3-Pentanone	86	C5H10O	000096-22-0	40
4	3-Pentanone	86	C5H10O	000096-22-0	38
5	Propane, 2-bromo-2-methyl-	136	C4H9Br	000507-19-7	38





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Instrument :
MSVOA_U
ClientSampleId :
C0AP8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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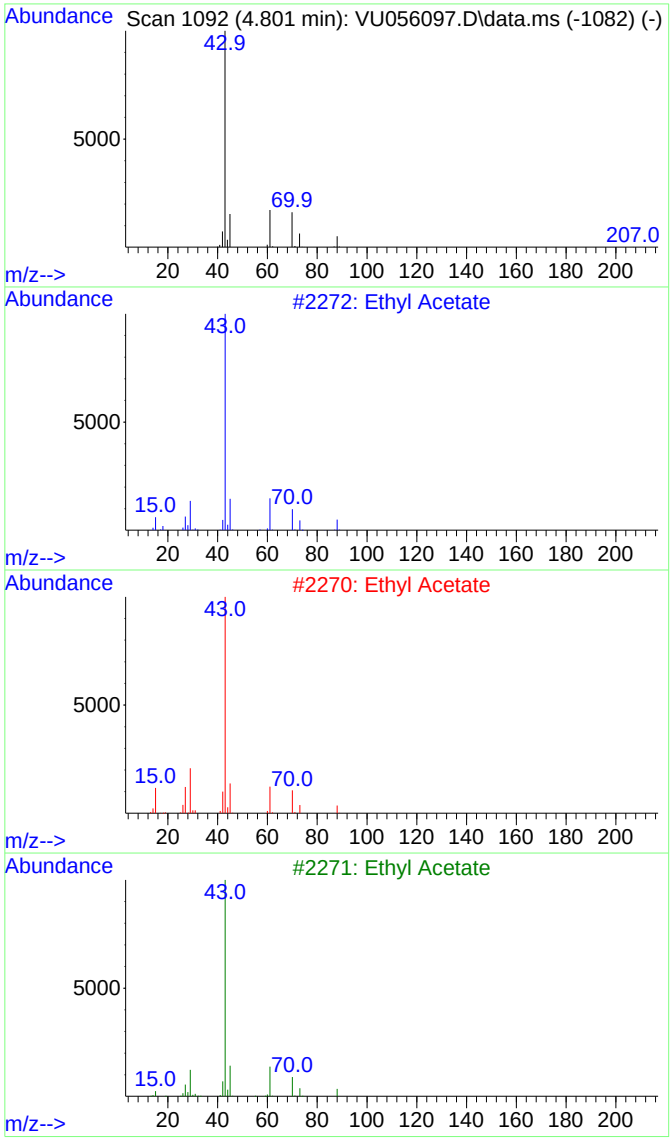
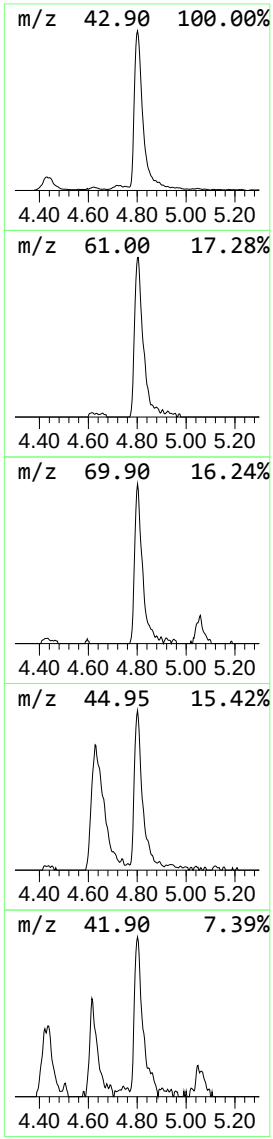
Peak Number 2 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.801	0.99 ug/L	168248	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2	Ethyl Acetate	88	C4H8O2	000141-78-6	90
3	Ethyl Acetate	88	C4H8O2	000141-78-6	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	78
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	64





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AP8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0

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TIC Integration Parameters: LSCINT.P

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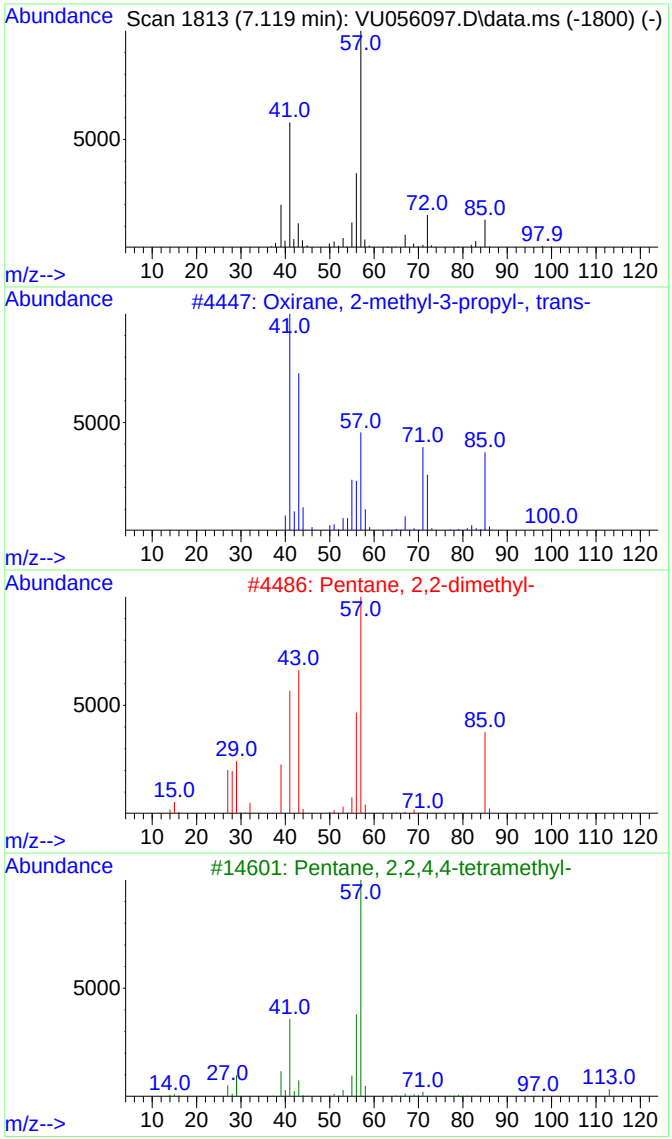
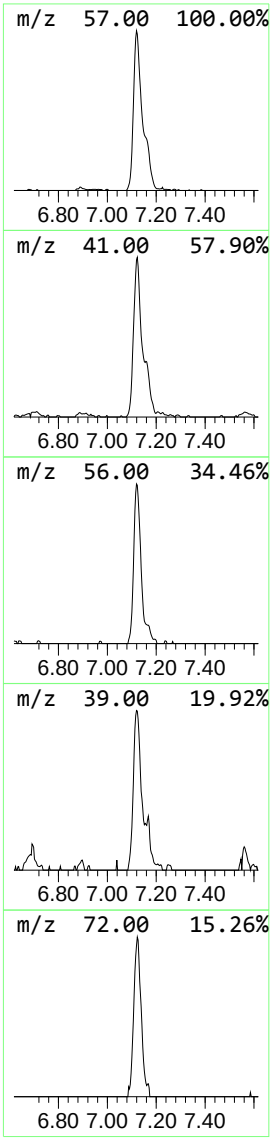
Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.119	1.21 ug/L	205332	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-3-propyl-, trans-	100	C6H12O	006124-91-0	43
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	40
3	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	37
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	37
5	1-Cyclopentyl-2,2-dimethyl-1-pro...	156	C10H20O	337966-85-5	37





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanal, 2,2-d...	4.431	1.2	ug/L	204547	1	6.245	851661	5.0
Ethyl Acetate	4.801	1.0	ug/L	168248	1	6.245	851661	5.0
unknown-01	7.119	1.2	ug/L	205332	1	6.245	851661	5.0