LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN041619\
Data File : VN055074.D
Acq On : 16 Apr 2019 13:22
Operator : JC/SP
Sample : K2408-02 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EFF-WW

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_N\METHODS\624N041119W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.818	617	636	671	rBV	921575	2362698	68.31%	19.355%
2	4.085	696	719	748	rBV	460987	1358781	39.28%	11.131%
3	7.194	1665	1686	1709	rBV2	186832	519309	15.01%	4.254%
4	8.027	1924	1945	1965	rBV2	194091	451680	13.06%	3.700%
5	8.584	2104	2118	2149	rVB	415678	918887	26.57%	7.527%
6	9.185	2293	2305	2324	rBV	78213	159328	4.61%	1.305%
7	10.088	2571	2586	2619	rBV	651950	1269147	36.69%	10.397%
8	10.609	2736	2748	2760	rVB3	26722	51159	1.48%	0.419%
9	10.963	2847	2858	2877	rBV	20504	54785	1.58%	0.449%
10	11.407	2982	2996	3018	rBV	540280	985149	28.48%	8.070%
11	12.400	3292	3305	3328	rVB	362066	617479	17.85%	5.058%
12	13.448	3613	3631	3663	rBV	2146989	3458828	100.00%	28.334%

Sum of corrected areas: 12207230

LSC Report - Integrated Chromatogram

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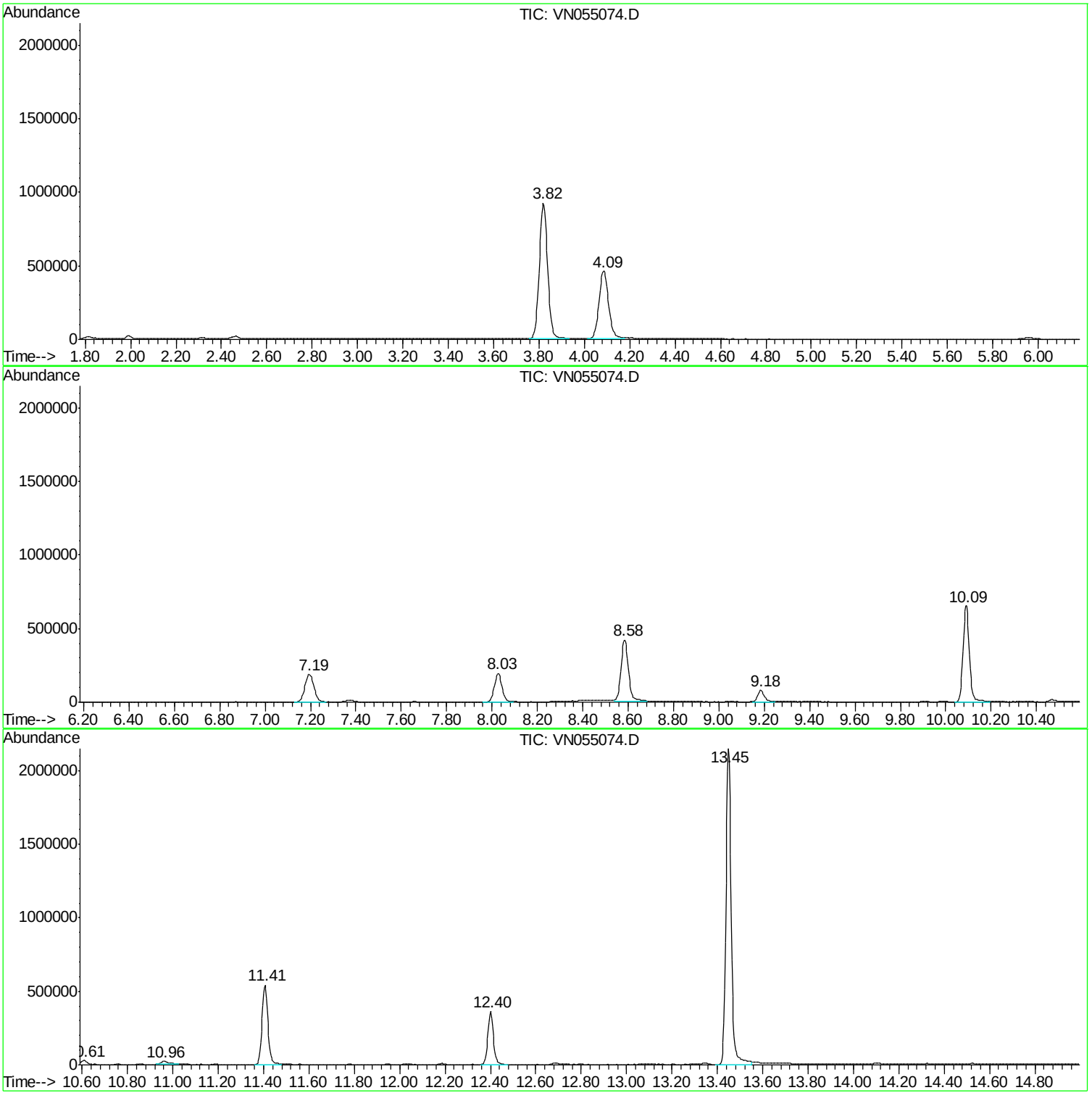
ClientSampleId : EFF-WW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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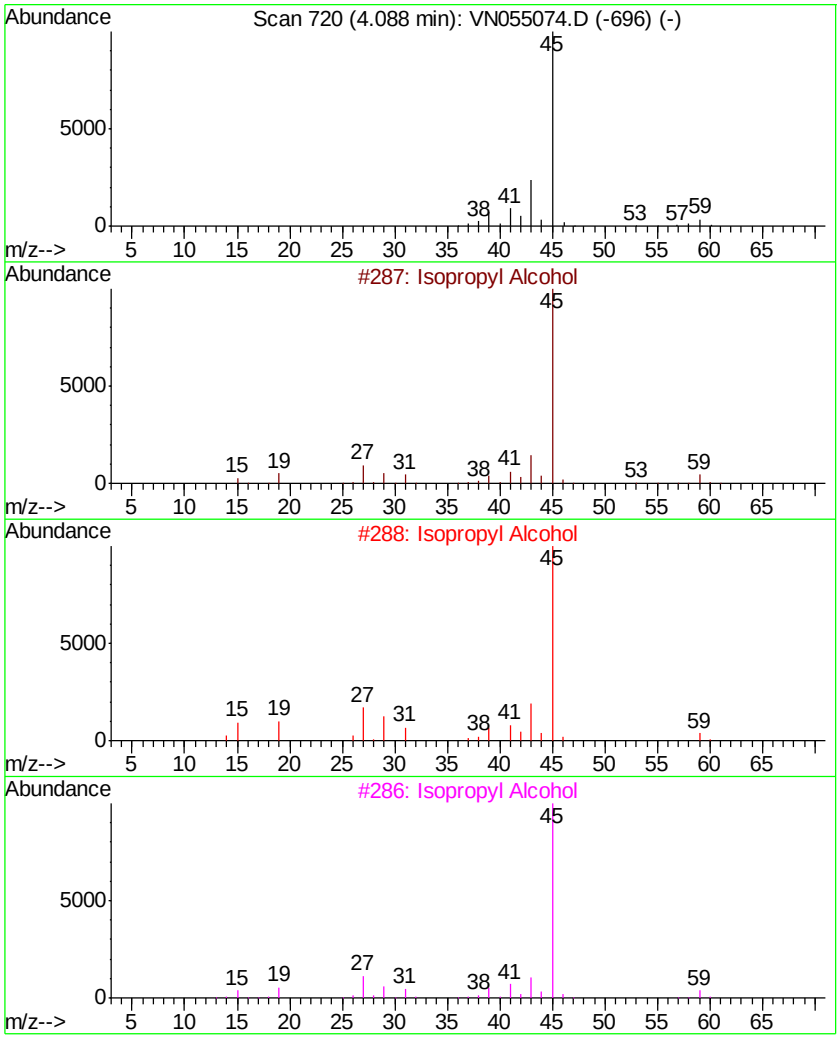
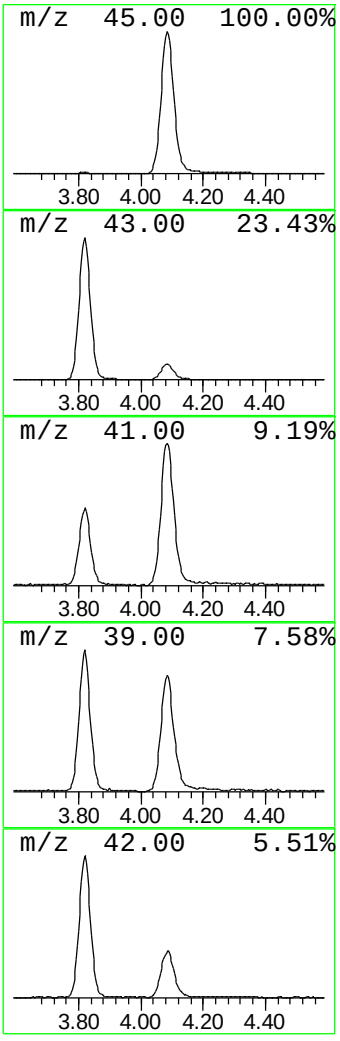
Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	78.50 ug/l	1358780	Bromochloromethane	7.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





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TIC Library : C:\DATABASE\NIST02.L
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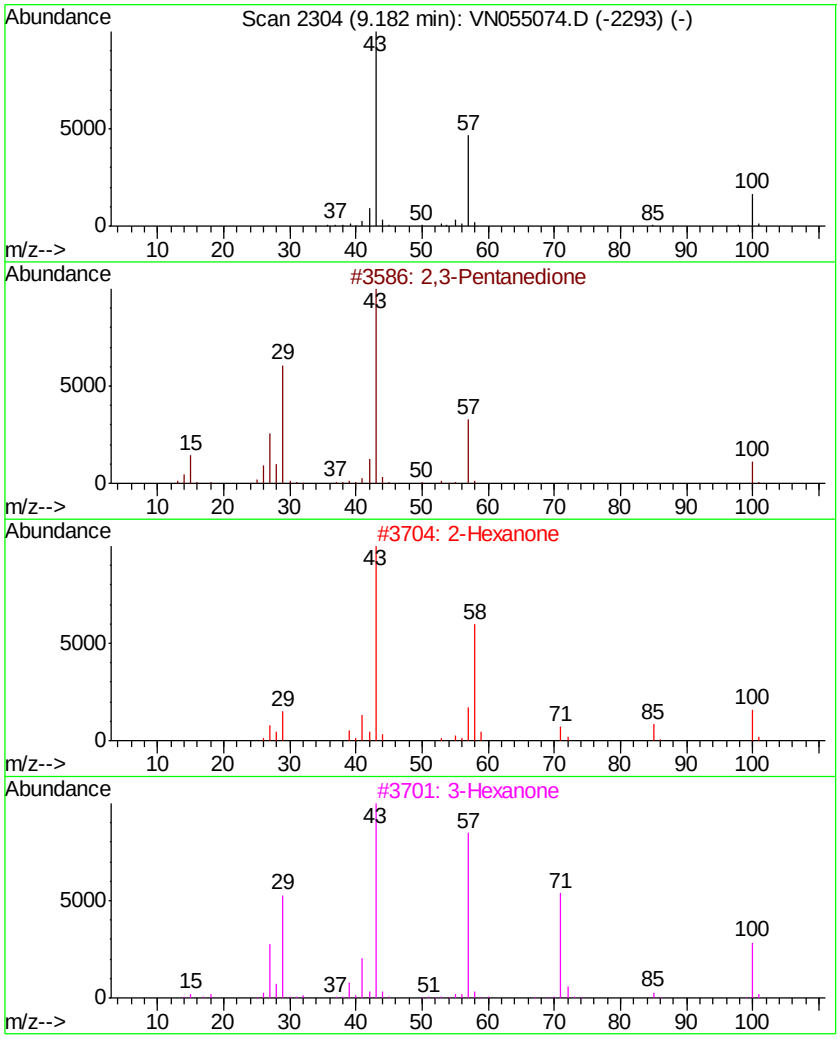
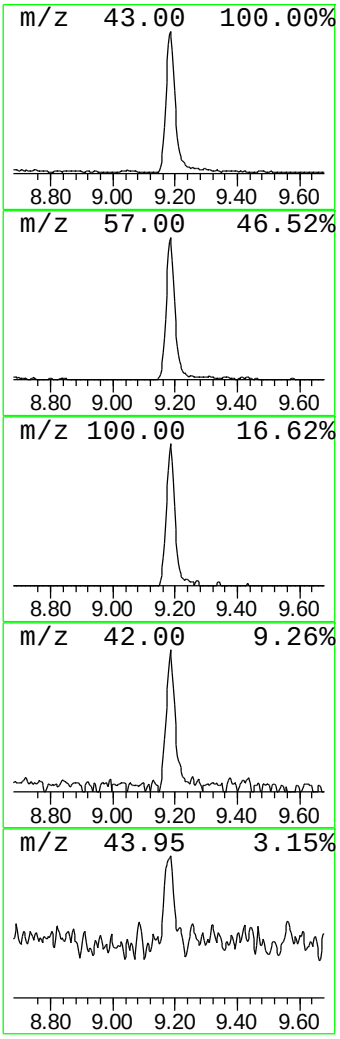
****

Peak Number 2 2,3-Pentanedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	5.20 ug/l	159328	1,4-Difluorobenzene	8.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Pentanedione	100	C5H8O2	000600-14-6	64
2	2-Hexanone	100	C6H12O	000591-78-6	42
3	3-Hexanone	100	C6H12O	000589-38-8	37
4	2,4-Pentanedione	100	C5H8O2	000123-54-6	33
5	2,4-Pentanedione	100	C5H8O2	000123-54-6	33





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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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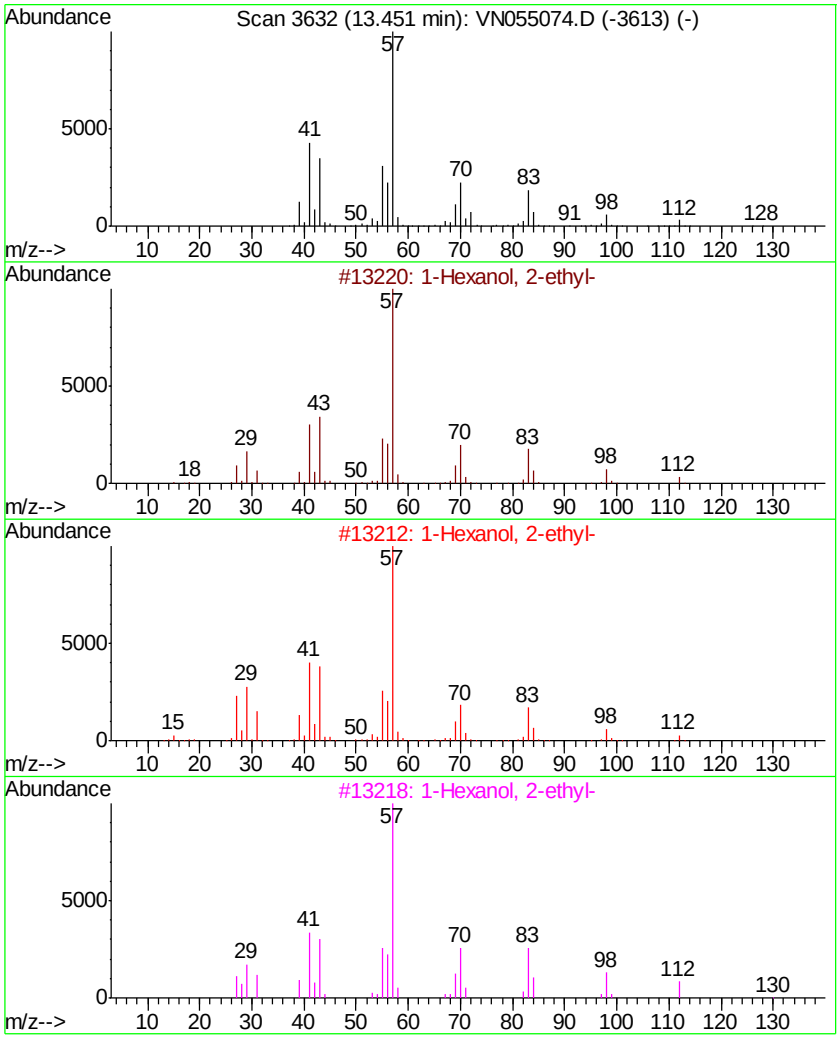
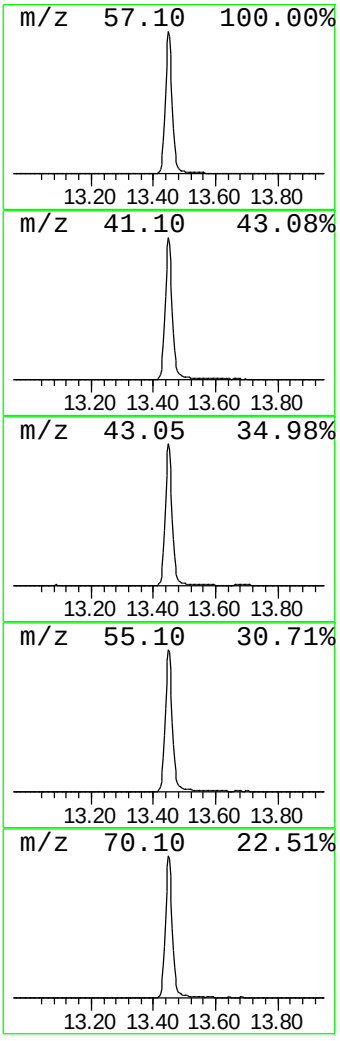
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	105.33 ug/l	3458830	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	Oxirane, [[(2-ethylhexyl)oxy]met...	186	C11H22O2	002461-15-6	56
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	4.09	78.5	ug/l	1358780	1	7.19	519309	30.0
2,3-Pentanedione	9.18	5.2	ug/l	159328	2	8.58	918887	30.0
1-Hexanol, 2-ethyl-	13.45	105.3	ug/l	3458830	3	11.41	985149	30.0