LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120719\
Data File : VX0137843.D
Acq On : 07 Dec 2019 16:11
Operator : JC/SP
Sample : K6137-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

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_X\METHOD\624X111119W.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	2.430	247	253	266	rBV	3046308	4874075	77.45%	23.264%
2	2.594	272	280	296	rBV	3553965	6293413	100.00%	30.039%
3	4.667	613	620	627	rBV	22492	64129	1.02%	0.306%
4	5.008	666	676	688	rBV2	212360	640664	10.18%	3.058%
5	6.051	838	847	860	rBV	226112	595659	9.46%	2.843%
6	6.850	967	978	987	rBV	524634	1212456	19.27%	5.787%
7	8.636	1266	1271	1277	rBV2	38138	64108	1.02%	0.306%
8	8.709	1277	1283	1289	rVV	1107887	1661781	26.41%	7.932%
9	8.776	1289	1294	1302	rVB	1213107	1885797	29.96%	9.001%
10	10.105	1507	1512	1525	rVB	998769	1411902	22.43%	6.739%
11	10.355	1546	1553	1559	rVB	117360	164110	2.61%	0.783%
12	10.587	1583	1591	1596	rBV	307083	392153	6.23%	1.872%
13	10.696	1602	1609	1614	rBV	59536	83611	1.33%	0.399%
14	11.135	1673	1681	1692	rBV	843379	1120411	17.80%	5.348%
15	11.806	1787	1791	1796	rBV3	40101	66325	1.05%	0.317%
16	11.940	1808	1813	1821	rBV3	53062	98467	1.56%	0.470%
17	12.269	1863	1867	1873	rBV	74122	121190	1.93%	0.578%
18	13.391	2045	2051	2055	rBV	155962	200894	3.19%	0.959%

Sum of corrected areas: 20951145

LSC Report - Integrated Chromatogram

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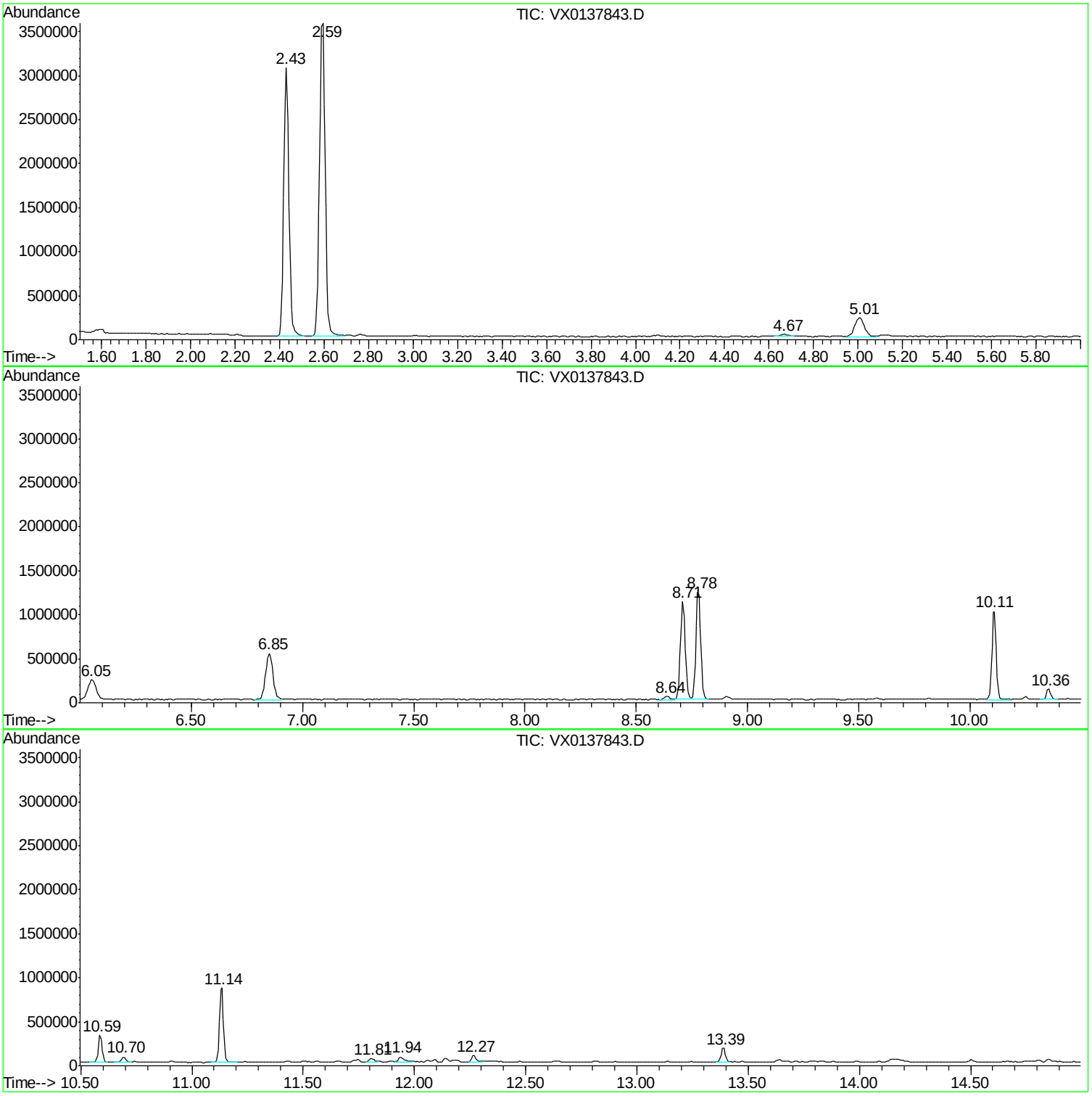
Instrument :
MSVOA_X
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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TIC Integration Parameters: LSCINT.P

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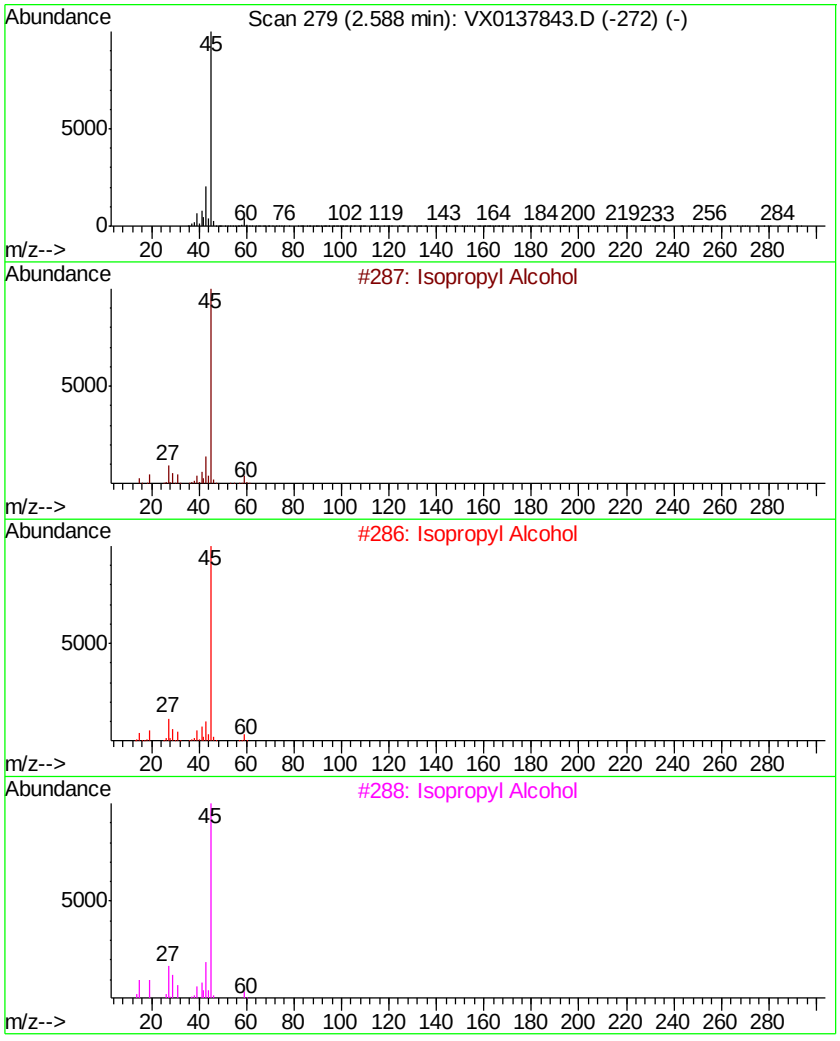
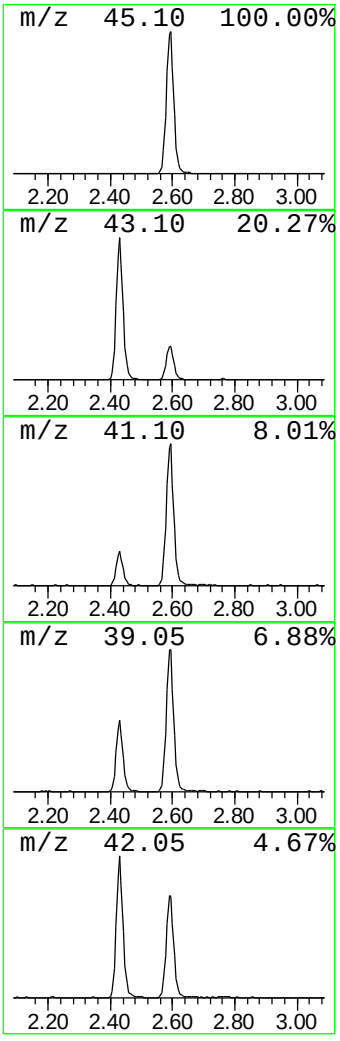
Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	294.70 ug/l	6293410	Bromochloromethane	5.01

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, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





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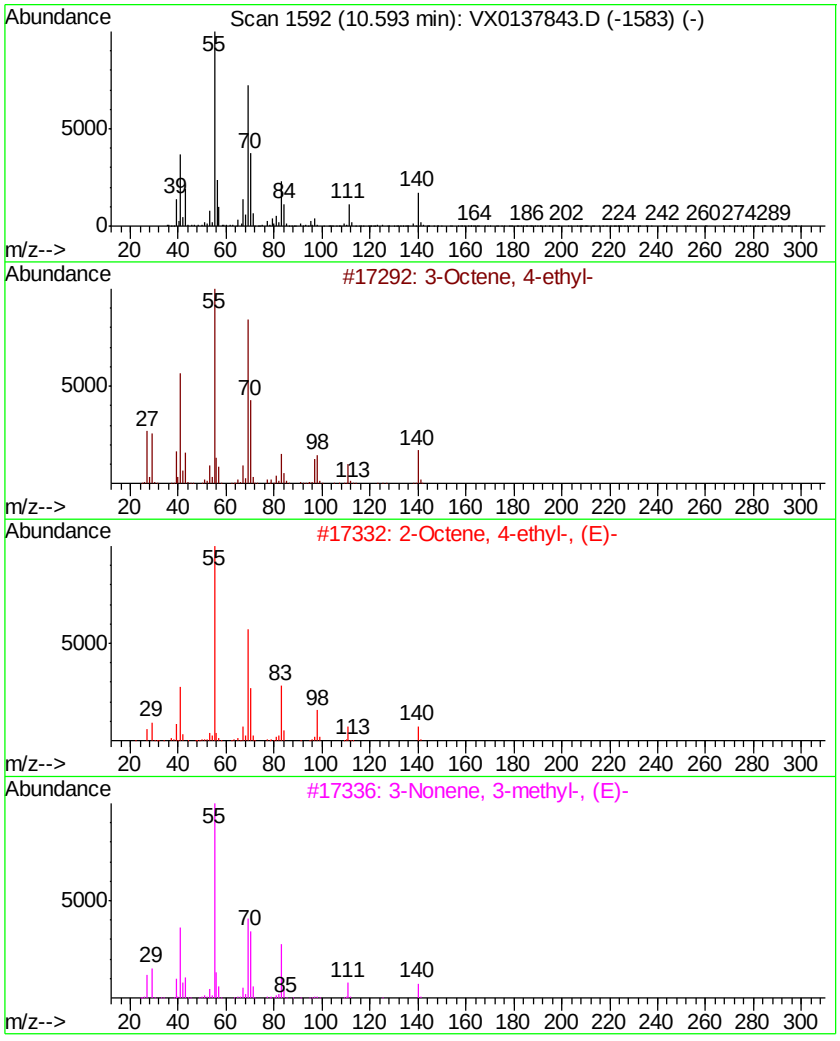
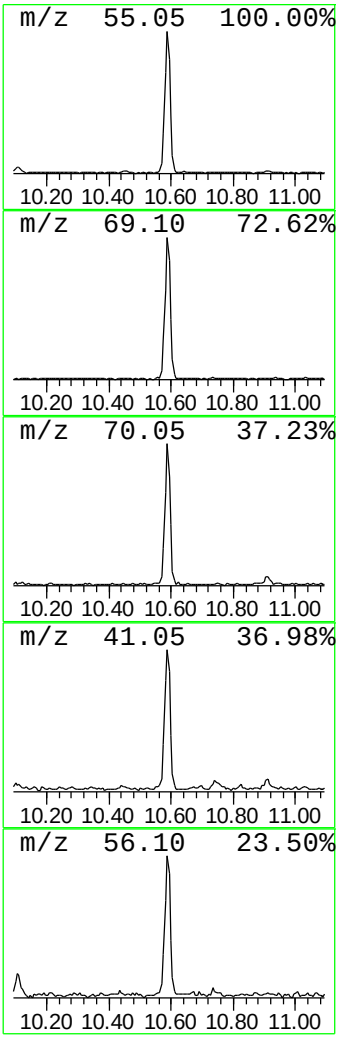
Peak Number 2 3-Octene, 4-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	8.33 ug/l	392153	Chlorobenzene-d5	10.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	83
2	2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	64
3	3-Nonene, 3-methyl-, (E)-	140	C10H20	069405-42-1	64
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
5	4-Nonene, 5-methyl-	140	C10H20	015918-07-7	53





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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
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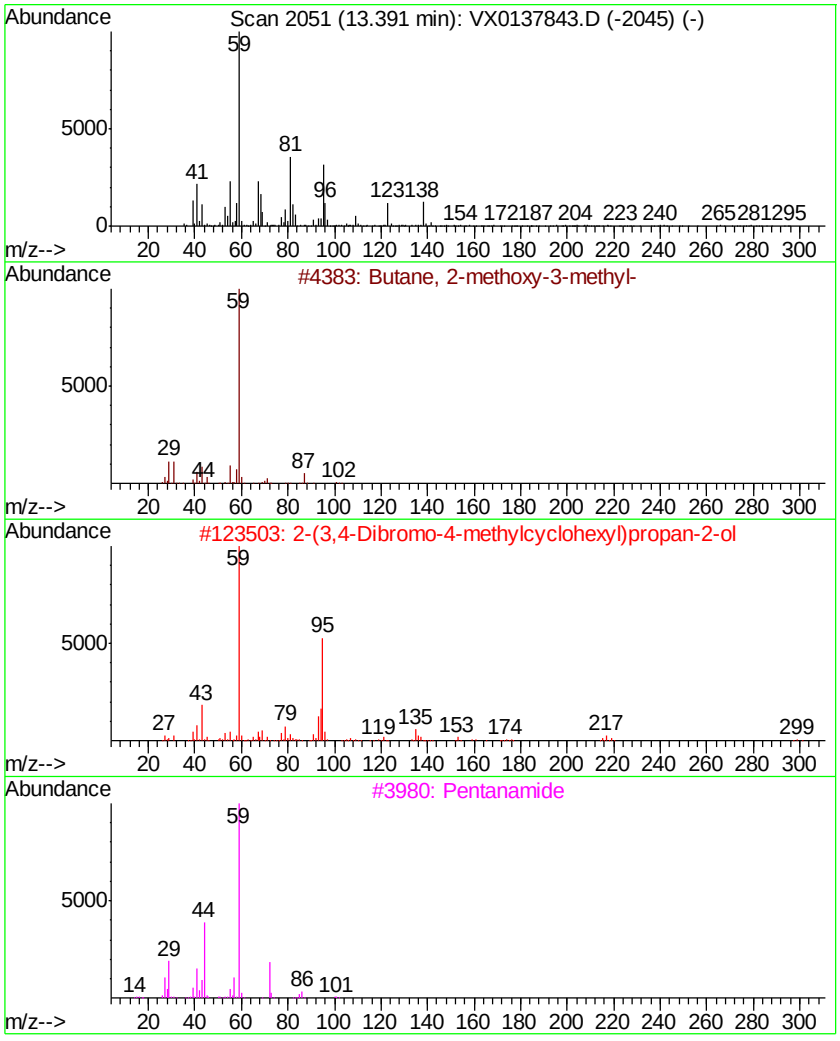
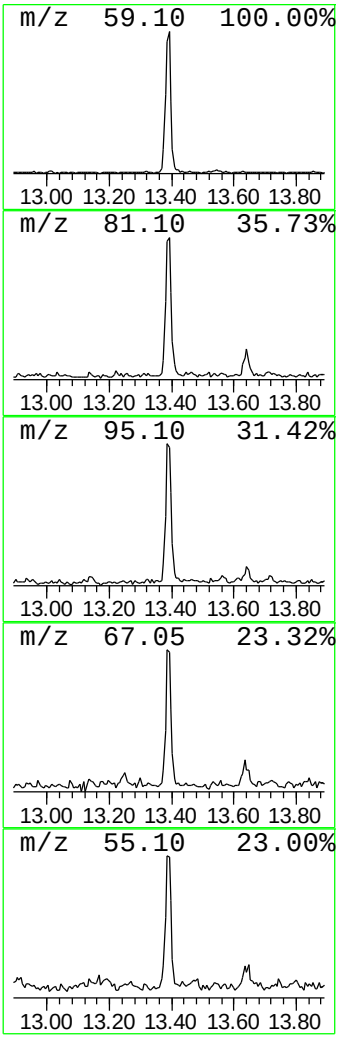
Peak Number 3 unknown13.39 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	4.27 ug/l	200894	Chlorobenzene-d5	10.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	35
2	2-(3,4-Dibromo-4-methylcyclohexy...	312	C10H18Br2O	110202-13-6	28
3	Pentanamide	101	C5H11NO	000626-97-1	25
4	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	25
5	Butanamide, 3-methyl-	101	C5H11NO	000541-46-8	25





Tentatively Identified Compound (LSC) summary

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MSVOA_X
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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	2.59	294.7	ug/l	6293410	1	5.01	640664	30.0
3-Octene, 4-ethyl-	10.59	8.3	ug/l	392153	3	10.11	1411900	30.0
unknown13.39	13.39	4.3	ug/l	200894	3	10.11	1411900	30.0