LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111618\
Data File : VN052357.D
Acq On : 16 Nov 2018 11:54
Operator : MD\SY
Sample : J5971-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : 002M-35TH-AVE(NOV)

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\624N110118W.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	3.815	616	635	655	rBV	529636	1396812	100.00%	21.225%
2	4.059	694	711	733	rBV	58859	169443	12.13%	2.575%
3	6.831	1554	1573	1574	rBV8	12515	18524	1.33%	0.281%
4	7.201	1664	1688	1708	rBV4	119668	338065	24.20%	5.137%
5	8.030	1929	1946	1964	rBV	127711	302287	21.64%	4.593%
6	8.587	2103	2119	2137	rBV2	292512	616506	44.14%	9.368%
7	9.988	2543	2555	2568	rBV4	9206	18885	1.35%	0.287%
8	10.091	2572	2587	2597	rVV	453166	824699	59.04%	12.532%
9	10.156	2597	2607	2628	rVV	570366	1033712	74.01%	15.708%
10	10.262	2628	2640	2650	rVB5	8945	17047	1.22%	0.259%
11	11.406	2980	2996	3017	rBV	400042	703096	50.34%	10.684%
12	11.805	3106	3120	3132	rBV2	212928	342635	24.53%	5.207%
13	12.400	3292	3305	3323	rBV2	280958	479684	34.34%	7.289%
14	12.728	3396	3407	3420	rBV2	12235	21956	1.57%	0.334%
15	12.943	3466	3474	3486	rVB5	21416	34098	2.44%	0.518%
16	13.021	3486	3498	3504	rBV8	12339	24431	1.75%	0.371%
17	13.146	3527	3537	3556	rVB8	27255	72548	5.19%	1.102%
18	13.287	3556	3581	3590	rBV3	44168	96428	6.90%	1.465%
19	13.348	3590	3600	3606	rBV9	18345	32112	2.30%	0.488%
20	14.847	4056	4066	4076	rBV9	12523	22723	1.63%	0.345%
21	14.898	4076	4082	4091	rVB10	9692	15206	1.09%	0.231%

Sum of corrected areas: 6580897

LSC Report - Integrated Chromatogram

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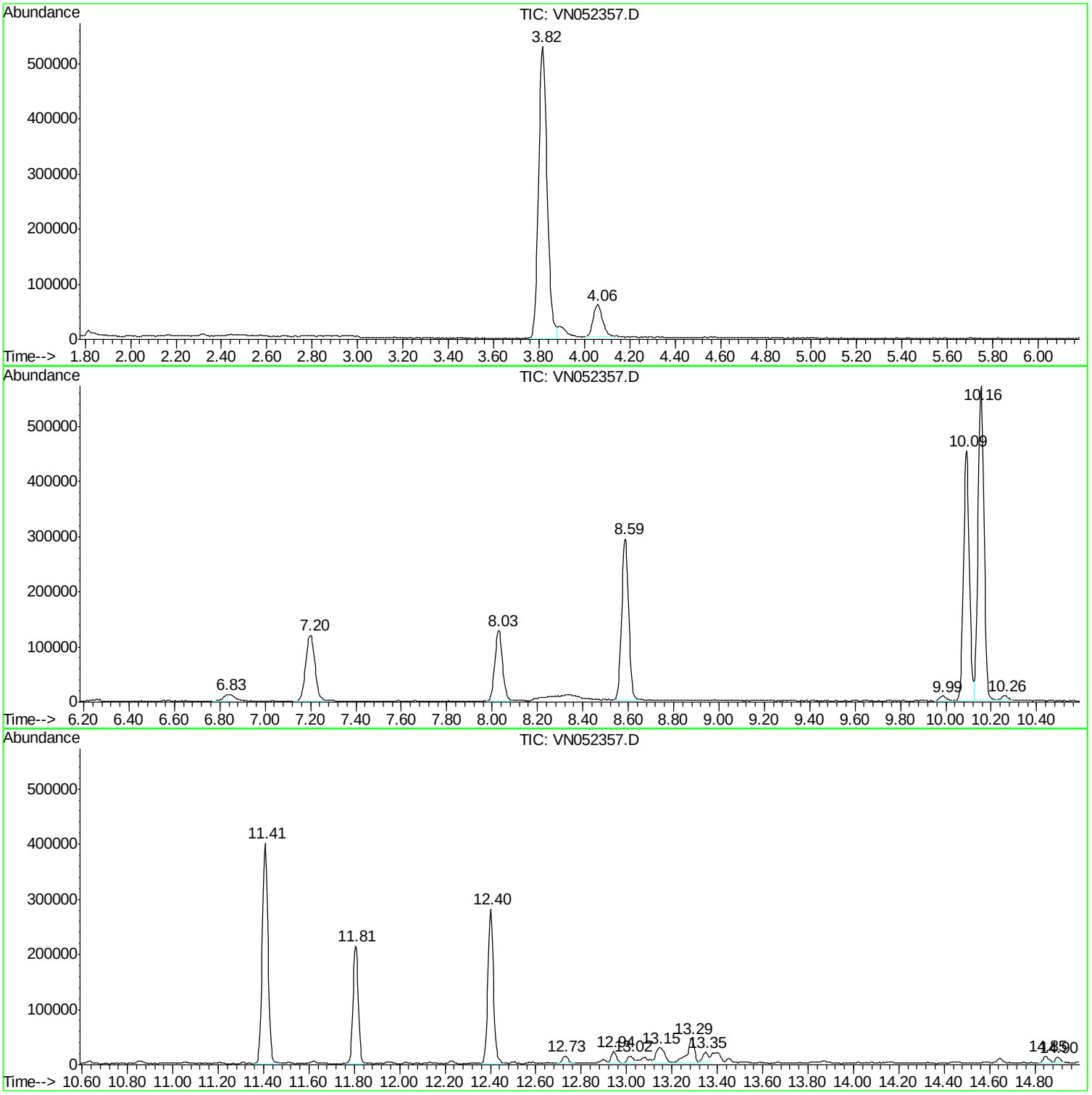
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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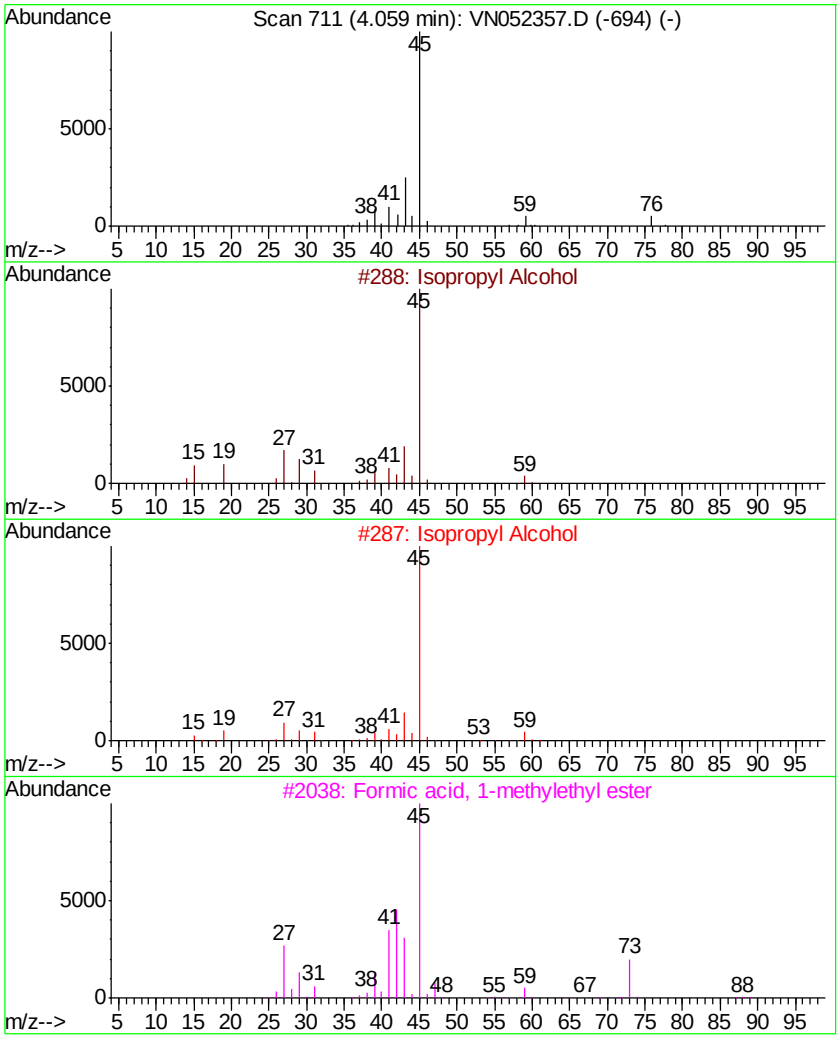
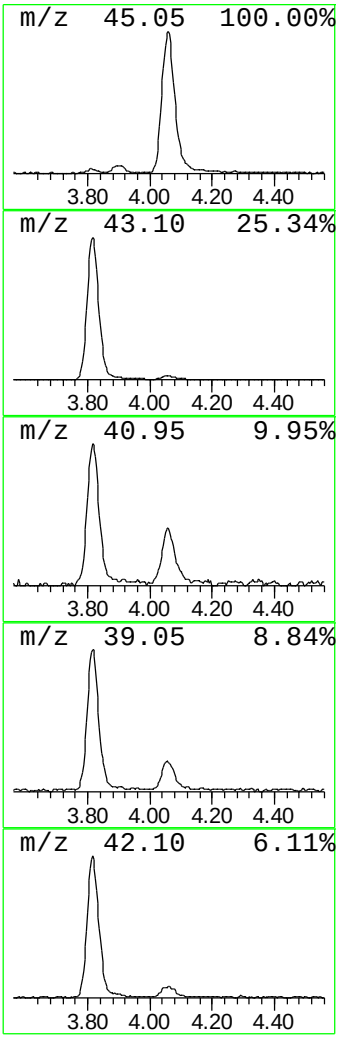
Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.06	15.04 ug/l	169443	Bromochloromethane	7.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	40
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40





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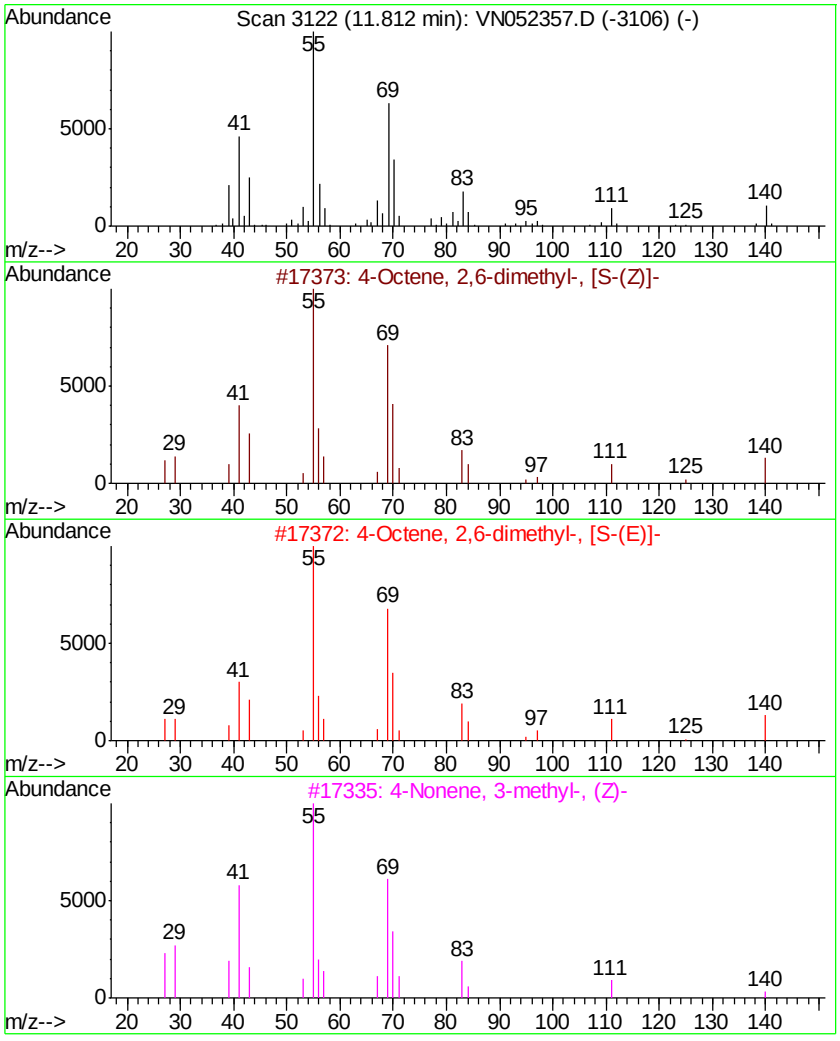
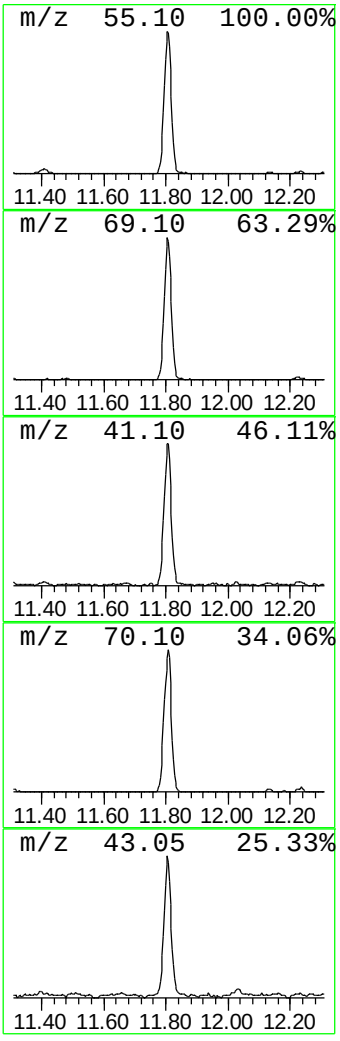
Peak Number 2 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	14.62 ug/l	342635	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	91
2	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	80
3	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	72
4	2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	58
5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
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TIC Integration Parameters: LSCINT.P

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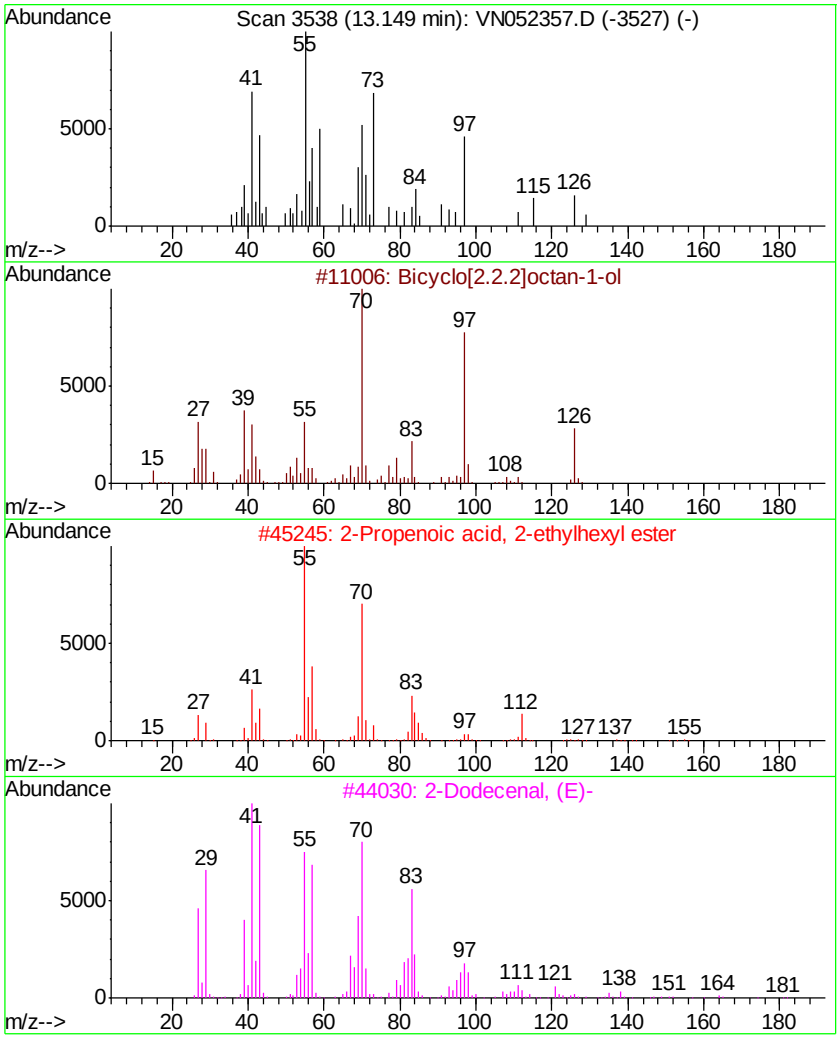
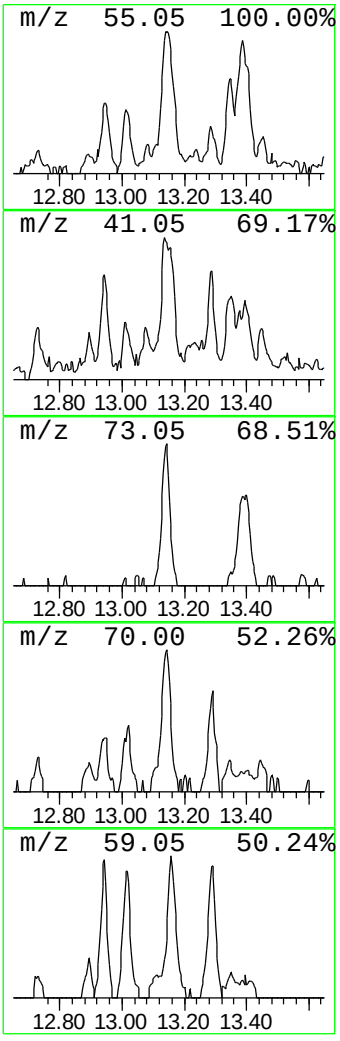
Peak Number 3 unknown13.15 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	3.10 ug/l	72548	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octan-1-ol	126	C8H14O	020534-58-1	38
2	2-Propenoic acid, 2-ethylhexyl e...	184	C11H20O2	000103-11-7	38
3	2-Dodecenal, (E)-	182	C12H22O	020407-84-5	27
4	3-Heptene, 3-ethyl-	126	C9H18	074764-46-8	27
5	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	25





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	4.06	15.0	ug/l	169443	1	7.20	338065	30.0
4-Octene, 2,6-dim...	11.81	14.6	ug/l	342635	3	11.41	703096	30.0
unknown13.15	13.15	3.1	ug/l	72548	3	11.41	703096	30.0