LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011222\
Data File : VU046737.D
Acq On : 12 Jan 2022 13:04
Operator : SY/MD
Sample : N1101-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW5

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\SFAMUTR122121WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU046737.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.604	75	82	101	rVB	29104	33943	4.53%	0.873%
2	1.919	172	180	199	rVB	24146	32797	4.38%	0.843%
3	2.578	369	385	400	rBV2	59440	114755	15.32%	2.951%
4	3.192	563	576	592	rVB	5098	11882	1.59%	0.306%
5	3.369	616	631	647	rBV3	11083	26083	3.48%	0.671%
6	4.655	1012	1031	1083	rBV2	43936	191528	25.58%	4.926%
7	5.073	1141	1161	1188	rBV3	62552	193036	25.78%	4.965%
8	5.317	1224	1237	1253	rBB3	15680	33636	4.49%	0.865%
9	5.729	1344	1365	1391	rBV3	96554	258597	34.53%	6.651%
10	6.253	1514	1528	1546	rBV	94169	177321	23.68%	4.560%
11	6.546	1608	1619	1632	rBB	26227	47298	6.32%	1.216%
12	6.694	1653	1665	1680	rBV	63453	120989	16.16%	3.112%
13	6.883	1715	1724	1739	rBV5	4649	8876	1.19%	0.228%
14	7.568	1926	1937	1952	rBV	31866	55036	7.35%	1.415%
15	7.899	2028	2040	2056	rBV	112451	194152	25.93%	4.993%
16	8.182	2117	2128	2142	rBB	21327	34276	4.58%	0.882%
17	8.555	2231	2244	2258	rBV	444092	748833	100.00%	19.259%
18	8.639	2258	2270	2298	rVB	235588	424726	56.72%	10.923%
19	8.790	2304	2317	2338	rBV	63106	112681	15.05%	2.898%
20	9.417	2500	2512	2532	rBV	142676	237782	31.75%	6.115%
21	10.346	2792	2801	2814	rBV3	12565	19775	2.64%	0.509%
22	10.758	2918	2929	2942	rBV2	69115	109677	14.65%	2.821%
23	11.687	3209	3218	3234	rVB3	31534	48296	6.45%	1.242%
24	11.812	3245	3257	3276	rVB	163920	260496	34.79%	6.700%
25	12.063	3327	3335	3345	rBV4	5622	8222	1.10%	0.211%
26	12.195	3363	3376	3388	rBV	129819	208729	27.87%	5.368%
27	12.886	3580	3591	3609	rBV2	108182	161073	21.51%	4.143%
28	14.732	4158	4165	4175	rVB3	10241	13774	1.84%	0.354%

Sum of corrected areas: 3888269

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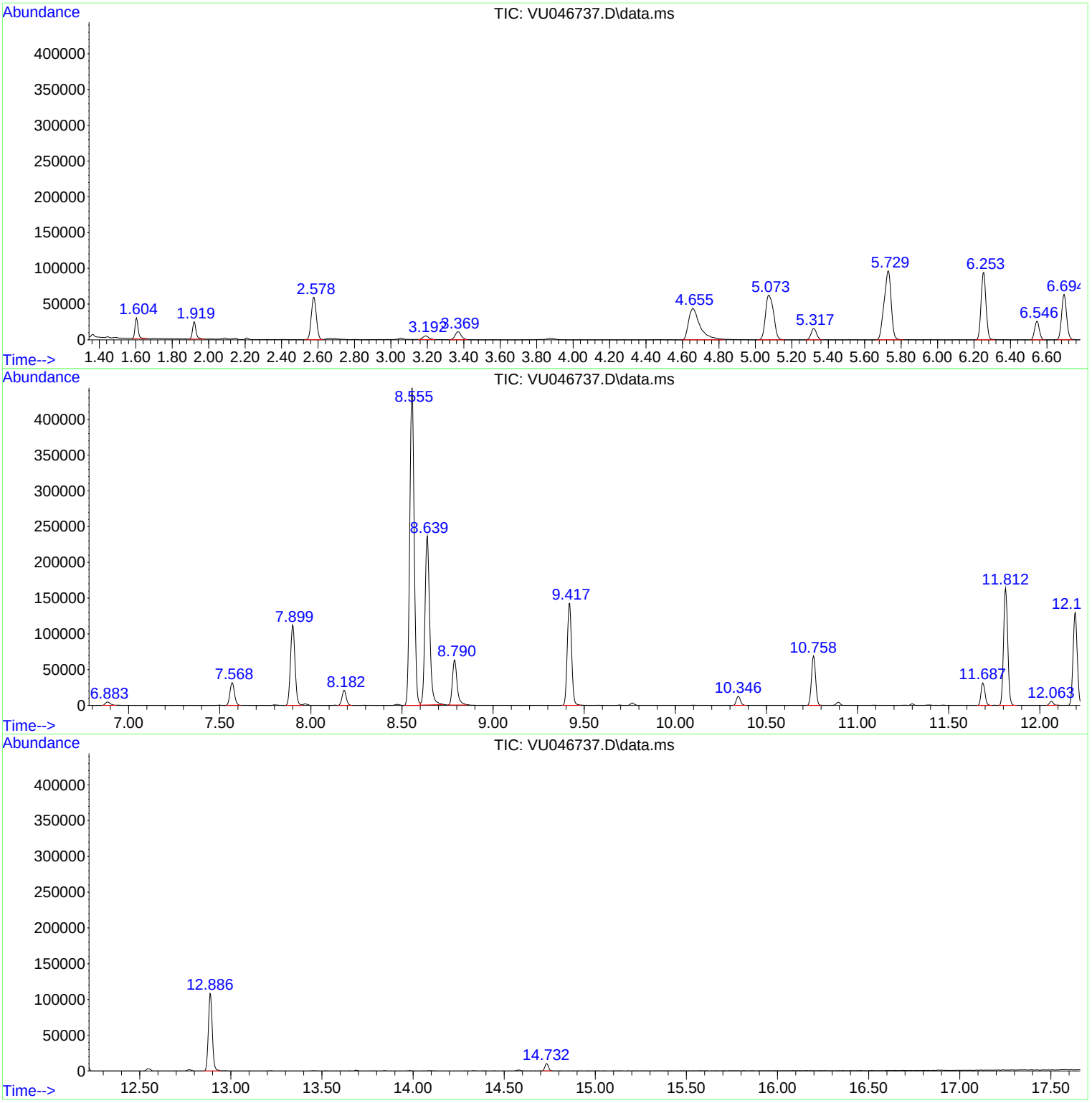
ClientSampleId :
BFXW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
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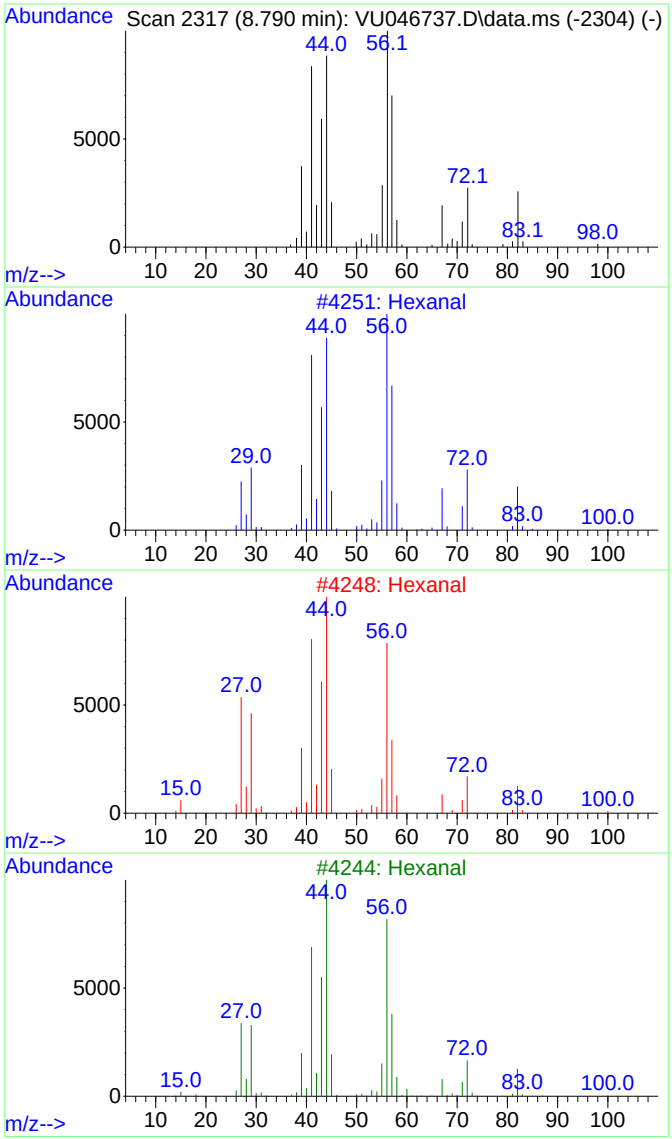
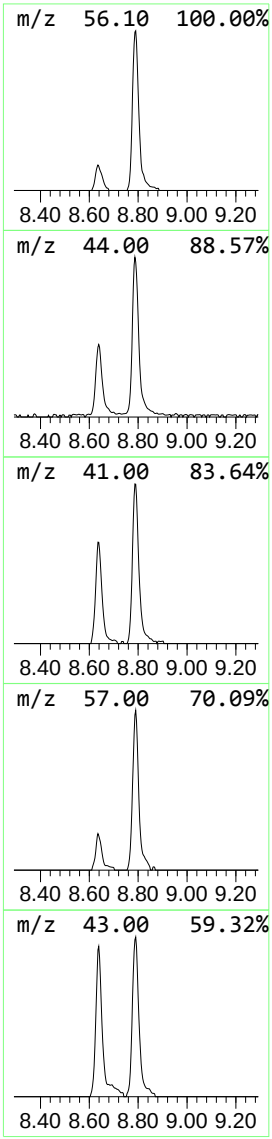
Peak Number 2 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.790	2.37 ug/L	112681	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	91
2	Hexanal	100	C6H12O	000066-25-1	83
3	Hexanal	100	C6H12O	000066-25-1	78
4	Hexanal	100	C6H12O	000066-25-1	78
5	Hexanal	100	C6H12O	000066-25-1	64





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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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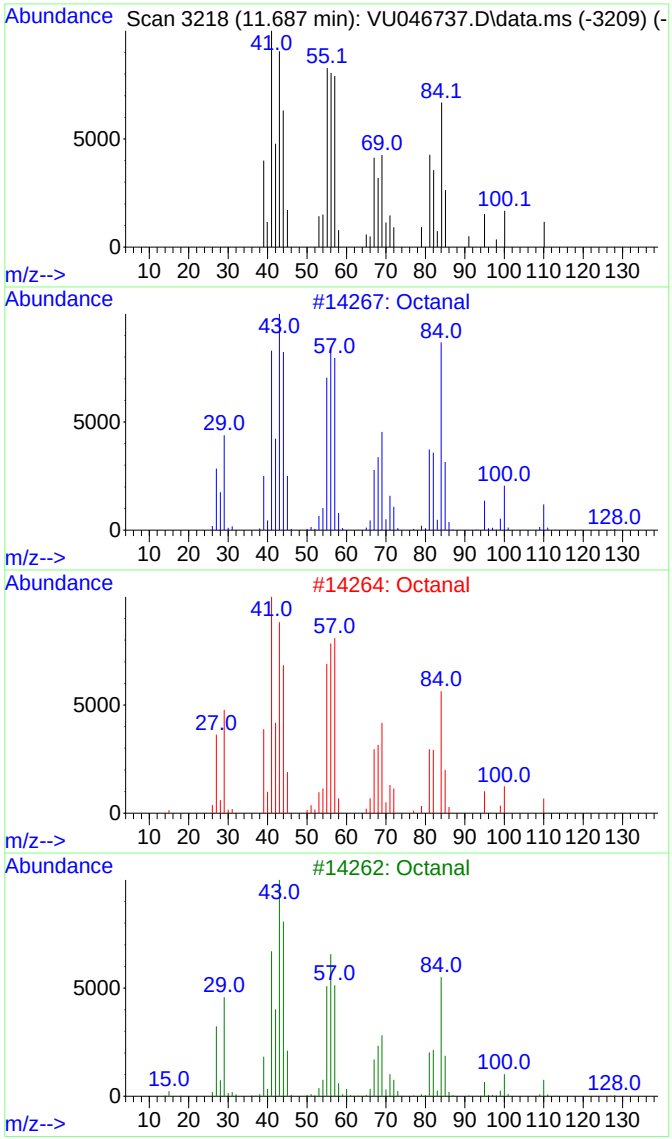
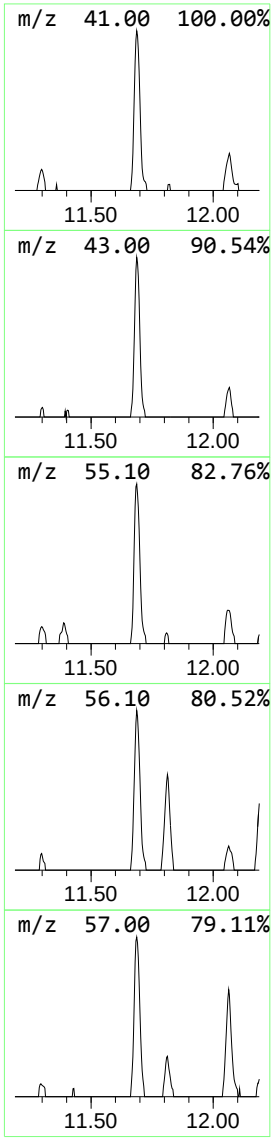
Peak Number 3 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.687	0.93 ug/L	48296	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	90
2	Octanal	128	C8H16O	000124-13-0	80
3	Octanal	128	C8H16O	000124-13-0	59
4	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	46
5	3-Chlorohexane	120	C6H13Cl	002346-81-8	43





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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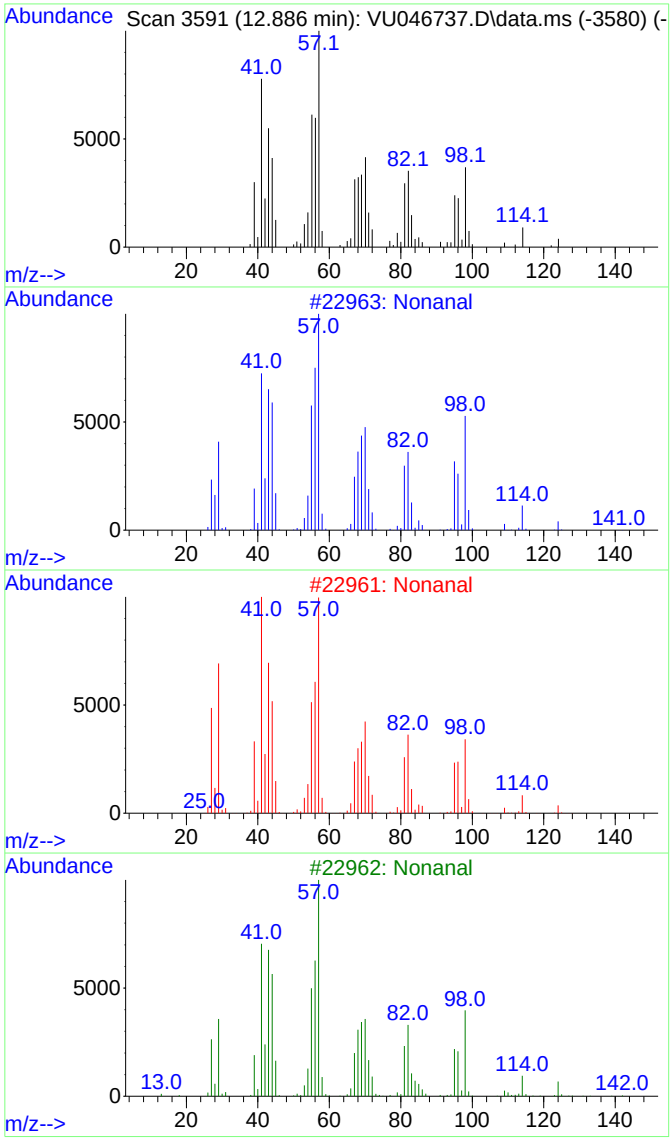
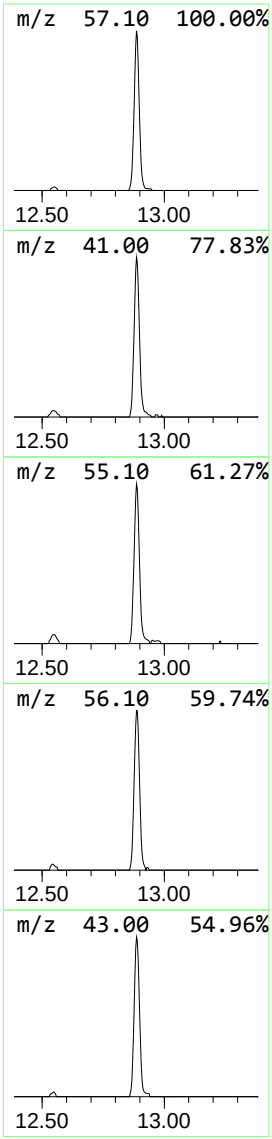
Peak Number 4 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	3.09 ug/L	161073	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	91
2	Nonanal	142	C9H18O	000124-19-6	91
3	Nonanal	142	C9H18O	000124-19-6	72
4	Acetic acid, trichloro-, heptyl ...	260	C9H15Cl3O2	065611-31-6	22
5	Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	18





Tentatively Identified Compound (LSC) summary

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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.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
Hexanal	8.790	2.4	ug/L	112681	2	9.420	237782	5.0
Octanal	11.687	0.9	ug/L	48296	3	11.812	260496	5.0
Nonanal	12.886	3.1	ug/L	161073	3	11.812	260496	5.0