LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
Data File : VV022973.D
Acq On : 21 Oct 2021 22:49
Operator : SY/MD
Sample : M4265-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GB7J4

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_V\Method\SFAMVTR100721WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV022973.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.108	16	21	37	rVB3	32111	35251	6.43%	0.776%
2	1.175	37	42	49	rBV	9648	10042	1.83%	0.221%
3	1.304	75	82	100	rVB	82446	89401	16.31%	1.968%
4	1.568	156	164	177	rVV	62112	69846	12.74%	1.538%
5	2.108	321	332	345	rBV	111276	162283	29.61%	3.573%
6	2.191	346	358	370	rBV	4419	12031	2.19%	0.265%
7	3.905	879	891	919	rBV2	33674	134891	24.61%	2.970%
8	4.349	1013	1029	1053	rBV2	92441	237566	43.34%	5.230%
9	5.050	1231	1247	1280	rBV2	215571	548114	100.00%	12.067%
10	5.619	1413	1424	1445	rBV	156779	324975	59.29%	7.155%
11	6.072	1552	1565	1584	rBV	125948	258176	47.10%	5.684%
12	6.989	1840	1850	1876	rBV	49419	98354	17.94%	2.165%
13	7.317	1941	1952	1970	rBV	247415	438495	80.00%	9.654%
14	7.397	1970	1977	1995	rVB	14363	30161	5.50%	0.664%
15	7.625	2038	2048	2067	rBV3	29767	57327	10.46%	1.262%
16	8.091	2183	2193	2230	rBV	199697	451299	82.34%	9.936%
17	8.249	2234	2242	2261	rVB5	8851	19553	3.57%	0.430%
18	8.854	2419	2430	2451	rBV	241710	405346	73.95%	8.924%
19	9.140	2514	2519	2531	rBV4	4512	7333	1.34%	0.161%
20	9.815	2721	2729	2741	rBV5	4873	8363	1.53%	0.184%
21	10.217	2844	2854	2869	rBV2	85303	138157	25.21%	3.042%
22	11.149	3133	3144	3154	rBV3	29578	46901	8.56%	1.033%
23	11.252	3165	3176	3196	rBV	238452	375841	68.57%	8.274%
24	11.532	3252	3263	3278	rBV2	28513	52760	9.63%	1.162%
25	11.625	3281	3292	3308	rVV	251263	388074	70.80%	8.544%
26	12.345	3505	3516	3540	rBV	88664	141630	25.84%	3.118%

Sum of corrected areas: 4542170

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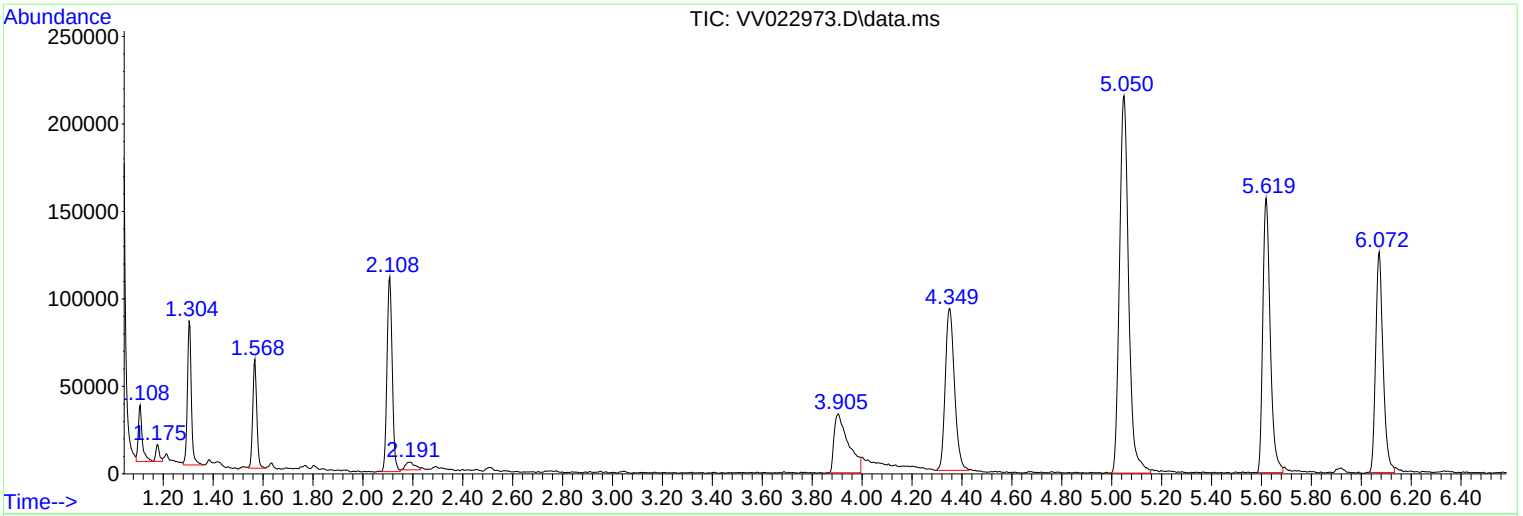
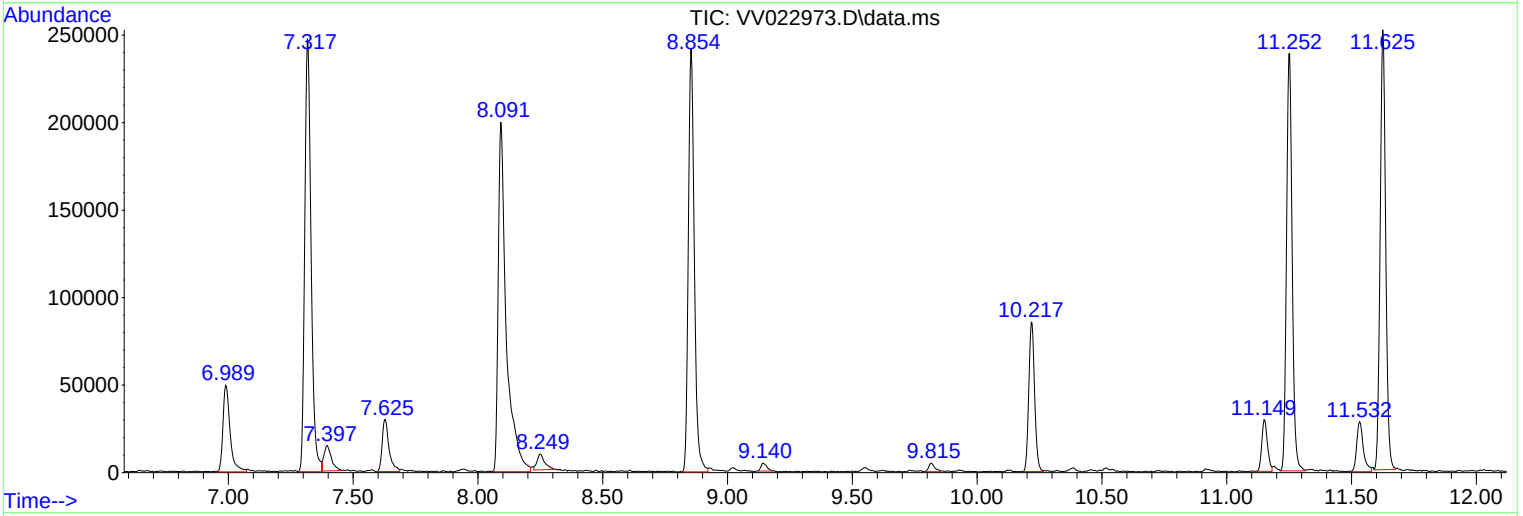
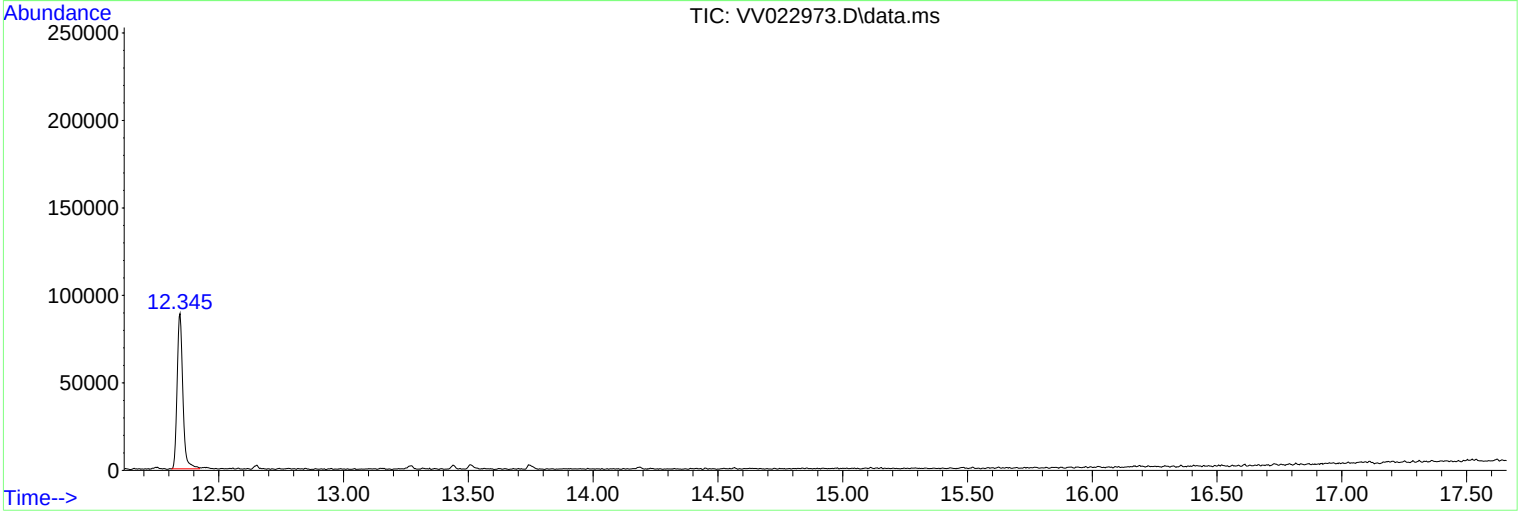
GB7J4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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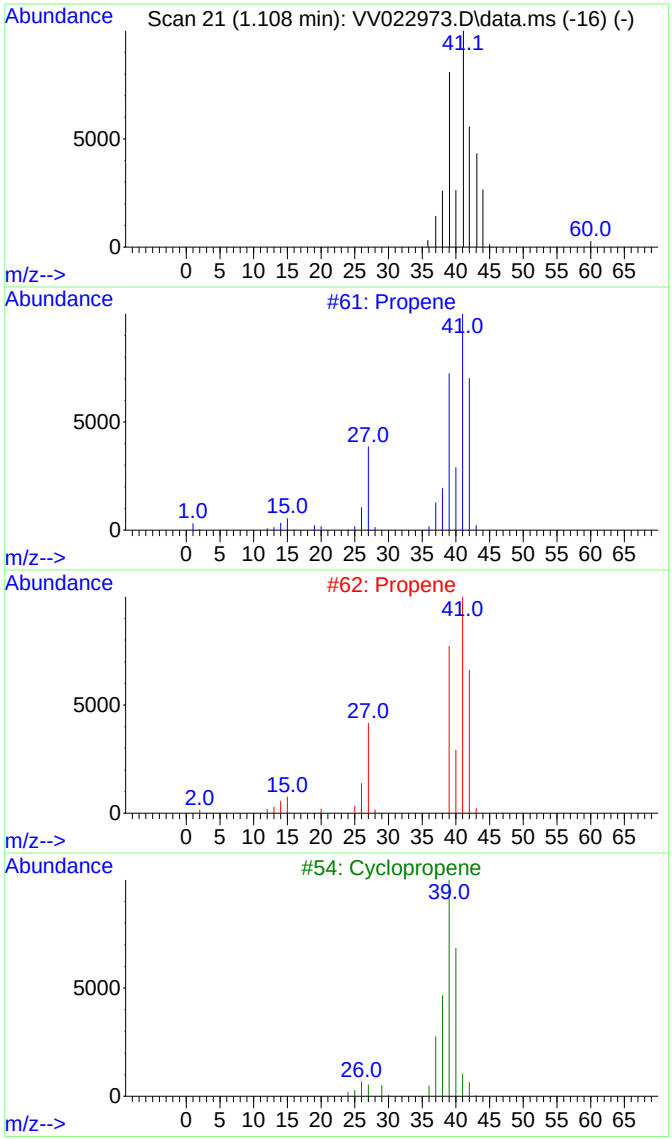
Quant Title : TRACE VOA SFAM1.0

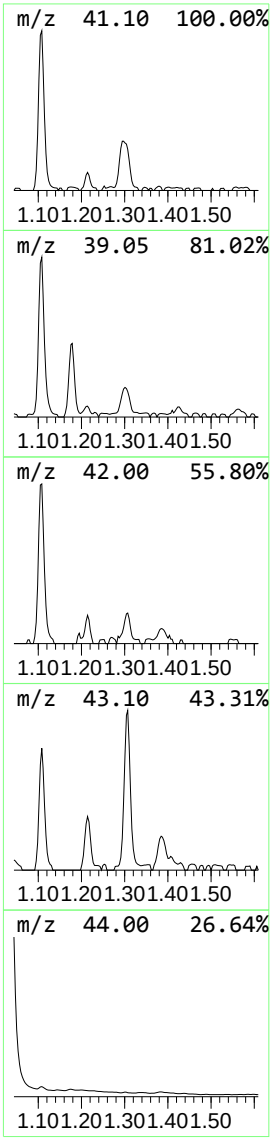
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.108	0.54 ug/L	35251	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	64
2	Propene	42	C3H6	000115-07-1	42
3	Cyclopropene	40	C3H4	002781-85-3	10
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Cyclopropane	42	C3H6	000075-19-4	4





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Instrument :
MSVOA_V
ClientSampleId :
GB7J4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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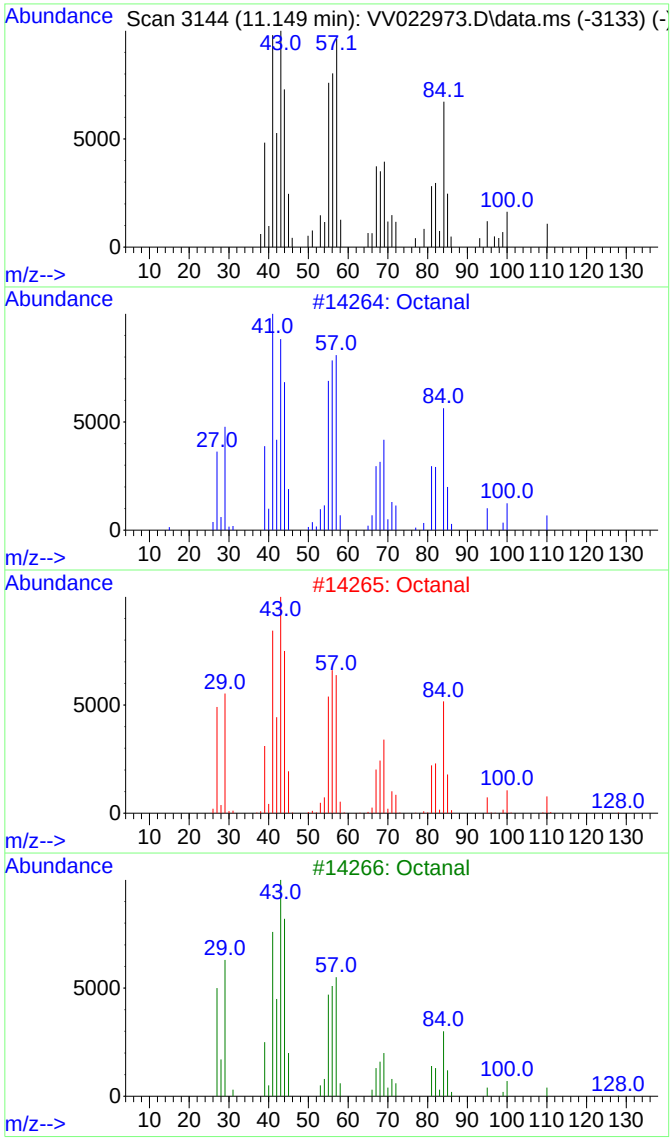
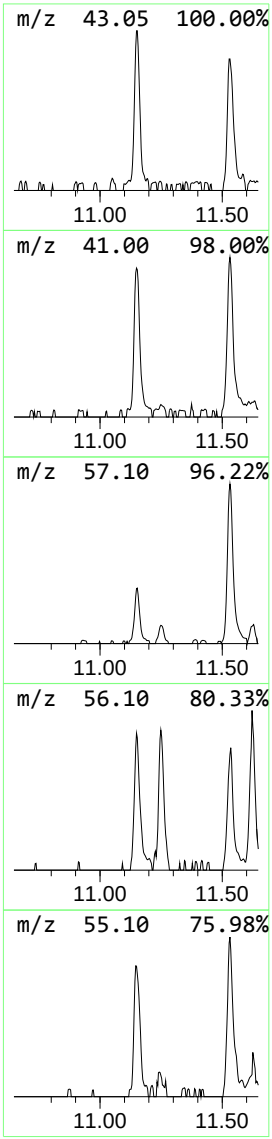
Peak Number 3 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.149	0.62 ug/L	46901	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	91
2	Octanal	128	C8H16O	000124-13-0	90
3	Octanal	128	C8H16O	000124-13-0	90
4	Octanal	128	C8H16O	000124-13-0	90
5	Octanal	128	C8H16O	000124-13-0	86





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Acq On : 21 Oct 2021 22:49
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Sample : M4265-12
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GB7J4

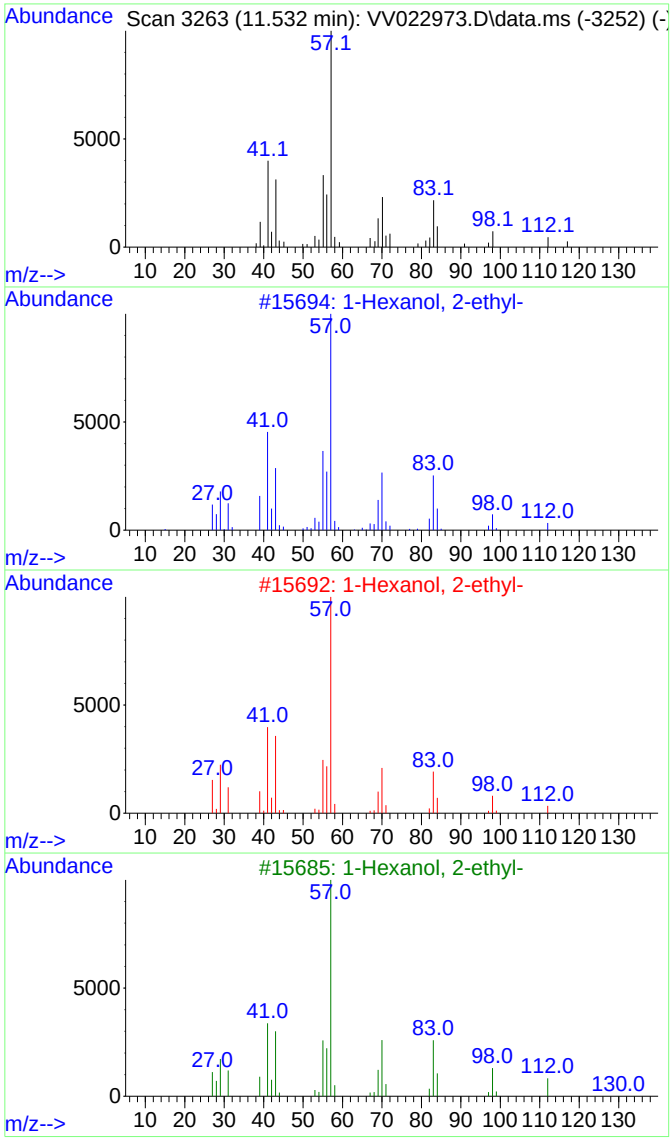
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0

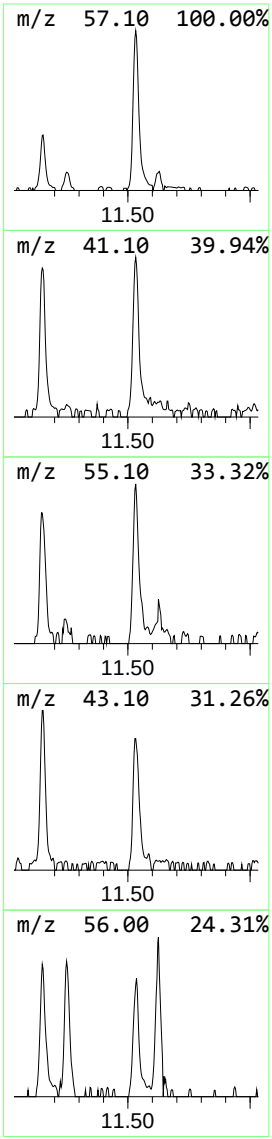
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.532	0.70 ug/L	52760	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78





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Instrument :
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ClientSampleId :
GB7J4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0

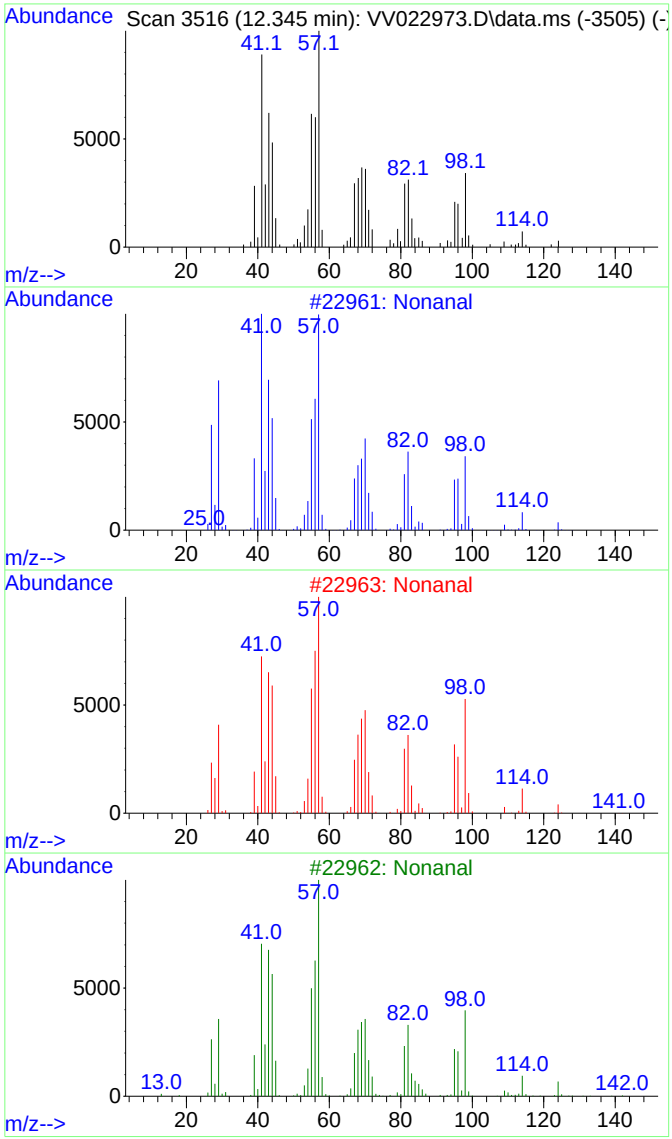
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

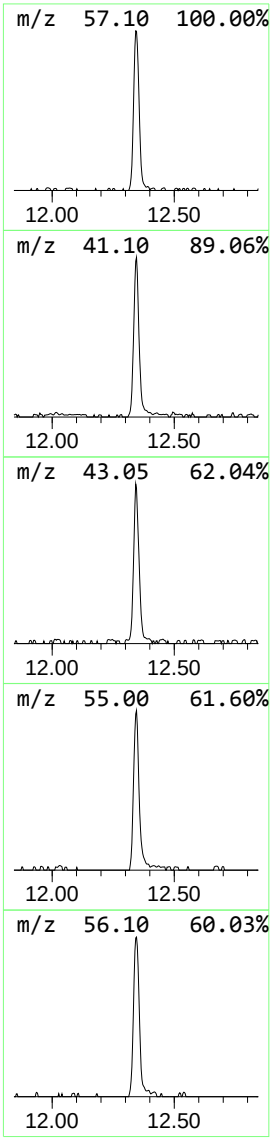
****

Peak Number 5 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	1.88 ug/L	141630	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	91
2	Nonanal	142	C9H18O	000124-19-6	90
3	Nonanal	142	C9H18O	000124-19-6	90
4	Nonanal	142	C9H18O	000124-19-6	90
5	11-Dodecenol	184	C12H24O	035289-31-7	27





Tentatively Identified Compound (LSC) summary

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Instrument :
MSVOA_V
ClientSampleId :
GB7J4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.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
(DEL) Alkane: S...	1.108	0.5	ug/L	35251	1	5.619	324975	5.0
Octanal	11.149	0.6	ug/L	46901	3	11.252	375841	5.0
1-Hexanol, 2-et...	11.532	0.7	ug/L	52760	3	11.252	375841	5.0
Nonanal	12.345	1.9	ug/L	141630	3	11.252	375841	5.0