LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
Data File : VV022974.D
Acq On : 21 Oct 2021 23:13
Operator : SY/MD
Sample : M4265-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GB7J5

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: VV022974.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	15	21	34	rVB2	35258	38872	7.43%	0.880%
2	1.179	38	43	47	rVV2	8754	8619	1.65%	0.195%
3	1.304	74	82	97	rVB	81455	91748	17.54%	2.077%
4	1.568	153	164	178	rBV	57507	66496	12.72%	1.506%
5	2.108	321	332	346	rBV	95669	139544	26.68%	3.159%
6	2.201	349	361	366	rBV2	4168	9829	1.88%	0.223%
7	3.905	880	891	921	rBV	32825	135485	25.91%	3.067%
8	4.352	1011	1030	1051	rBV2	90264	225485	43.12%	5.105%
9	5.047	1230	1246	1284	rBV2	206100	522963	100.00%	11.840%
10	5.619	1410	1424	1453	rBV	156189	327078	62.54%	7.405%
11	6.072	1552	1565	1590	rBV	117265	244993	46.85%	5.547%
12	6.989	1838	1850	1875	rBV2	48145	93389	17.86%	2.114%
13	7.317	1941	1952	1969	rBV	232153	413657	79.10%	9.366%
14	7.394	1969	1976	1987	rVB	13889	25057	4.79%	0.567%
15	7.625	2039	2048	2064	rBV	27336	51116	9.77%	1.157%
16	8.092	2181	2193	2223	rBV	196744	430906	82.40%	9.756%
17	8.249	2234	2242	2261	rVB5	10344	20643	3.95%	0.467%
18	8.854	2416	2430	2457	rBV	244742	403718	77.20%	9.140%
19	9.146	2513	2521	2535	rVB5	4762	9035	1.73%	0.205%
20	9.815	2719	2729	2741	rBV6	6173	10961	2.10%	0.248%
21	10.217	2844	2854	2869	rBV	81895	131330	25.11%	2.973%
22	11.149	3135	3144	3163	rVB5	34980	56526	10.81%	1.280%
23	11.249	3163	3175	3195	rBV	238211	372168	71.17%	8.426%
24	11.532	3252	3263	3278	rBV2	28029	50645	9.68%	1.147%
25	11.625	3281	3292	3308	rVB	236457	366337	70.05%	8.294%
26	12.346	3505	3516	3531	rBV	109258	170209	32.55%	3.854%

Sum of corrected areas: 4416809

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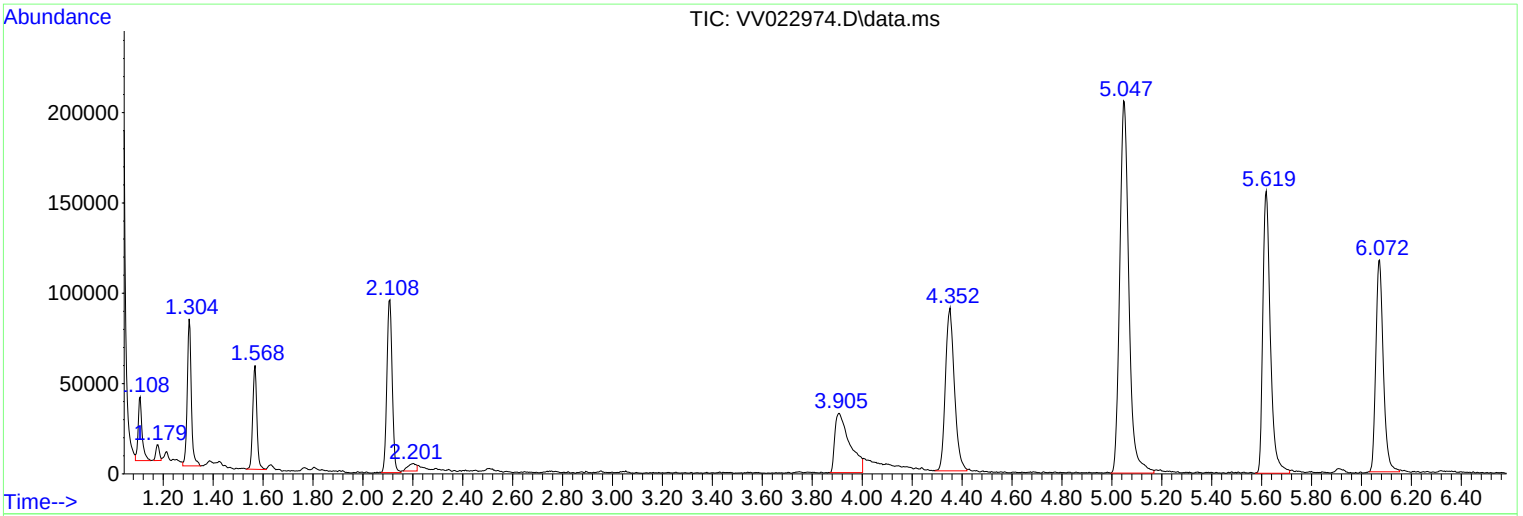
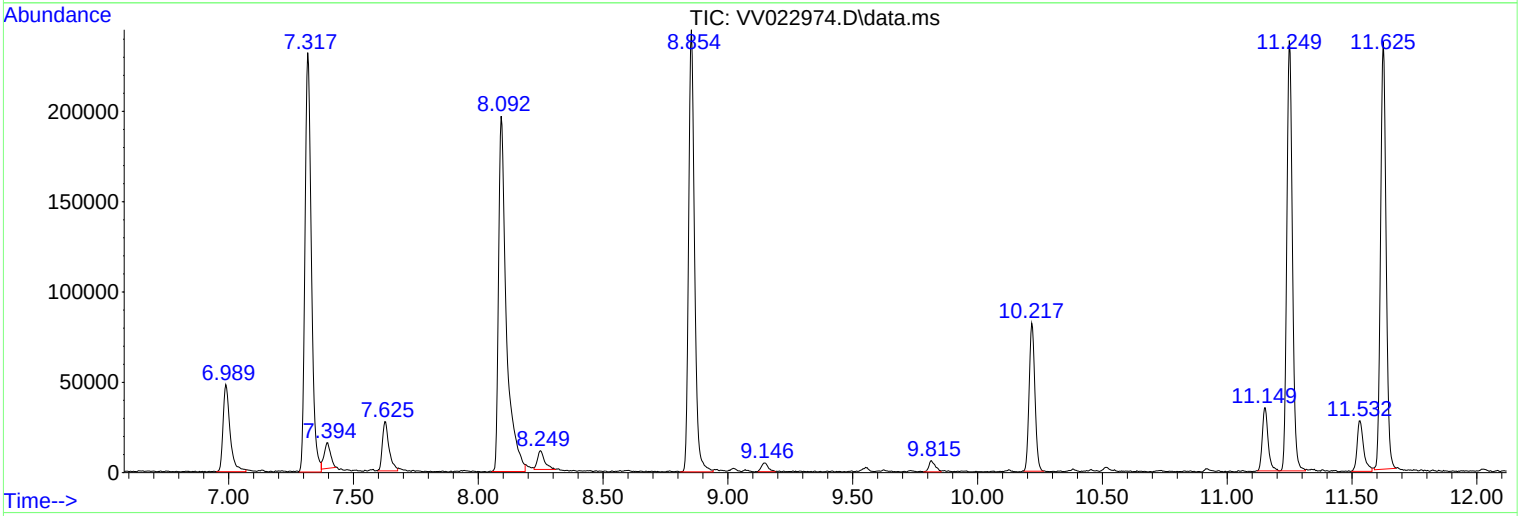
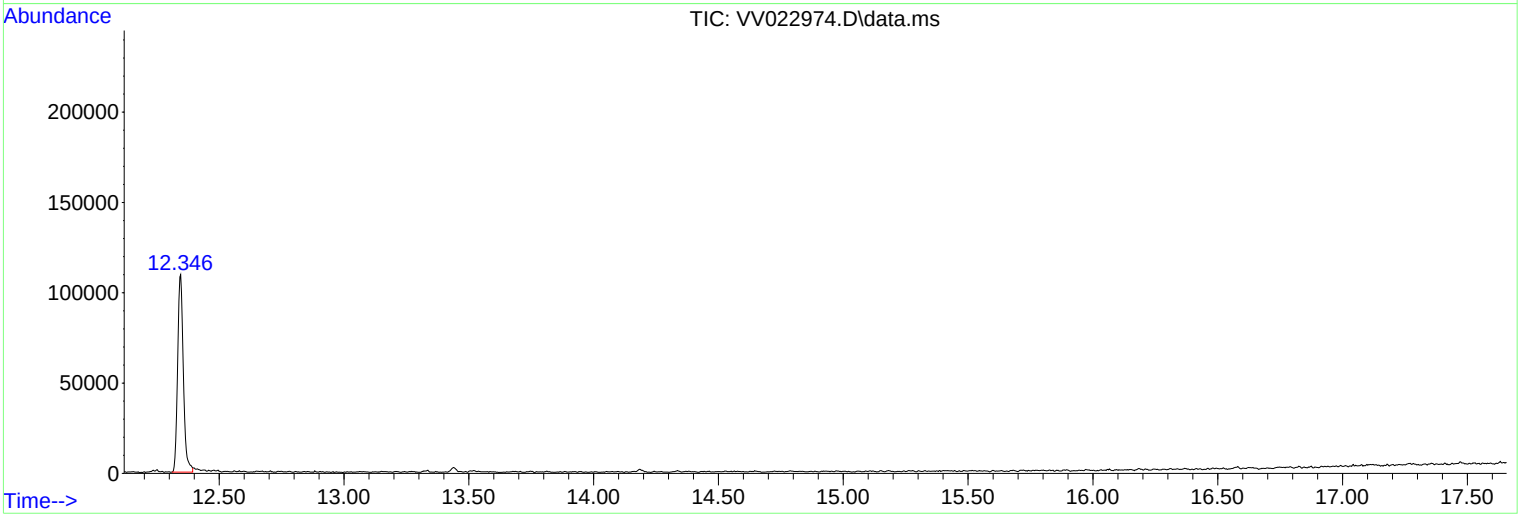
GB7J5

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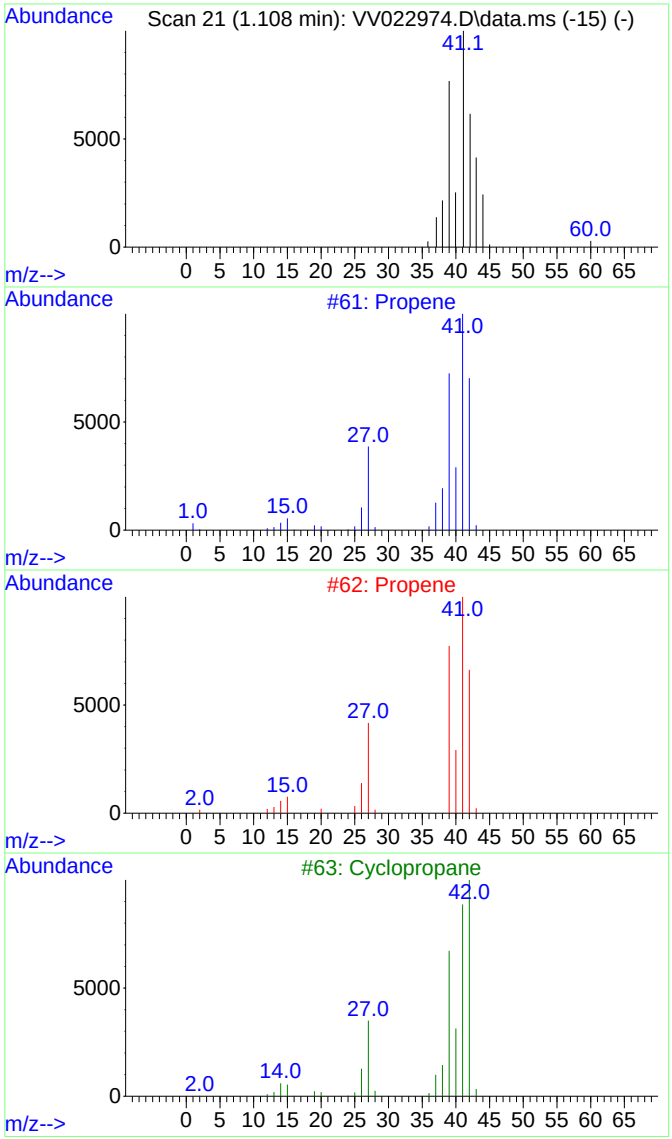
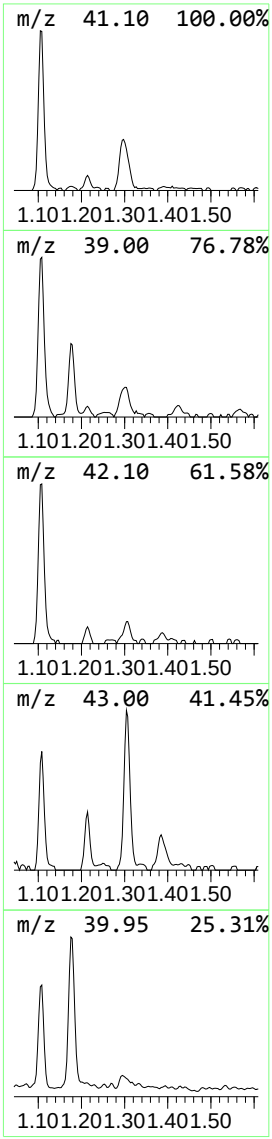
****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.108	0.59 ug/L	38872	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	42
3	Cyclopropane	42	C3H6	000075-19-4	40
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Cyclopropene	40	C3H4	002781-85-3	9





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

TIC Library : C:\Database\NIST20.L
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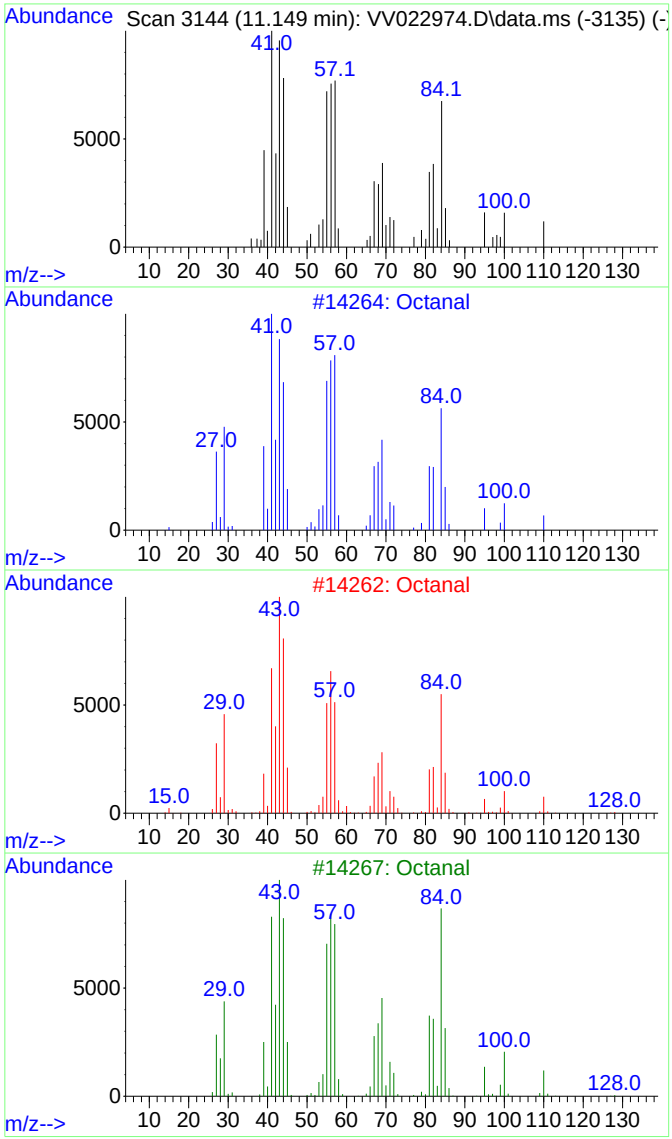
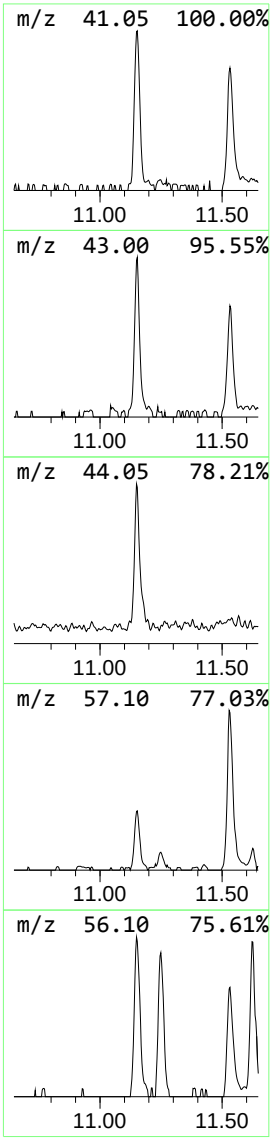
Peak Number 3 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.149	0.76 ug/L	56526	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	91
2	Octanal	128	C8H16O	000124-13-0	86
3	Octanal	128	C8H16O	000124-13-0	80
4	Octanal	128	C8H16O	000124-13-0	78
5	Octanal	128	C8H16O	000124-13-0	59





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GB7J5

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

TIC Library : C:\Database\NIST20.L
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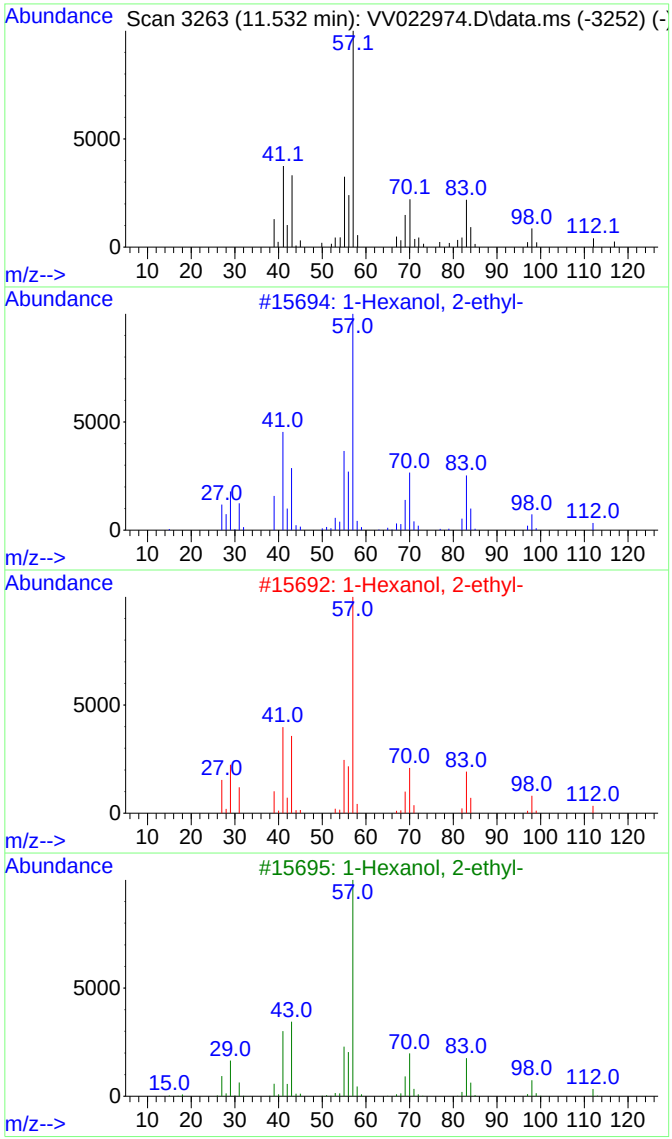
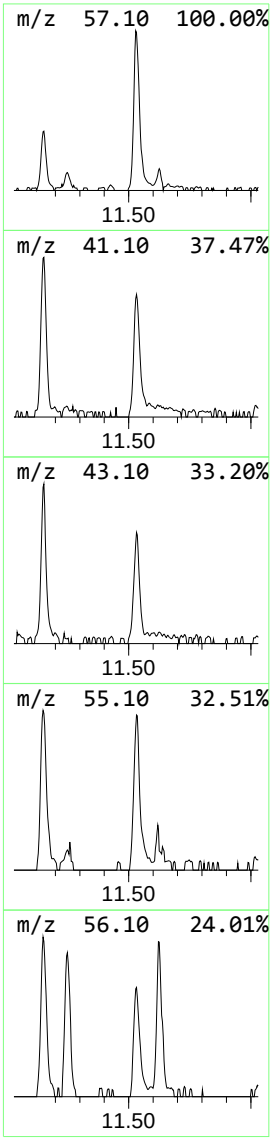
****
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.532	0.68 ug/L	50645	1,4-Dichlorobenzene-d4	11.249

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	80
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64





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

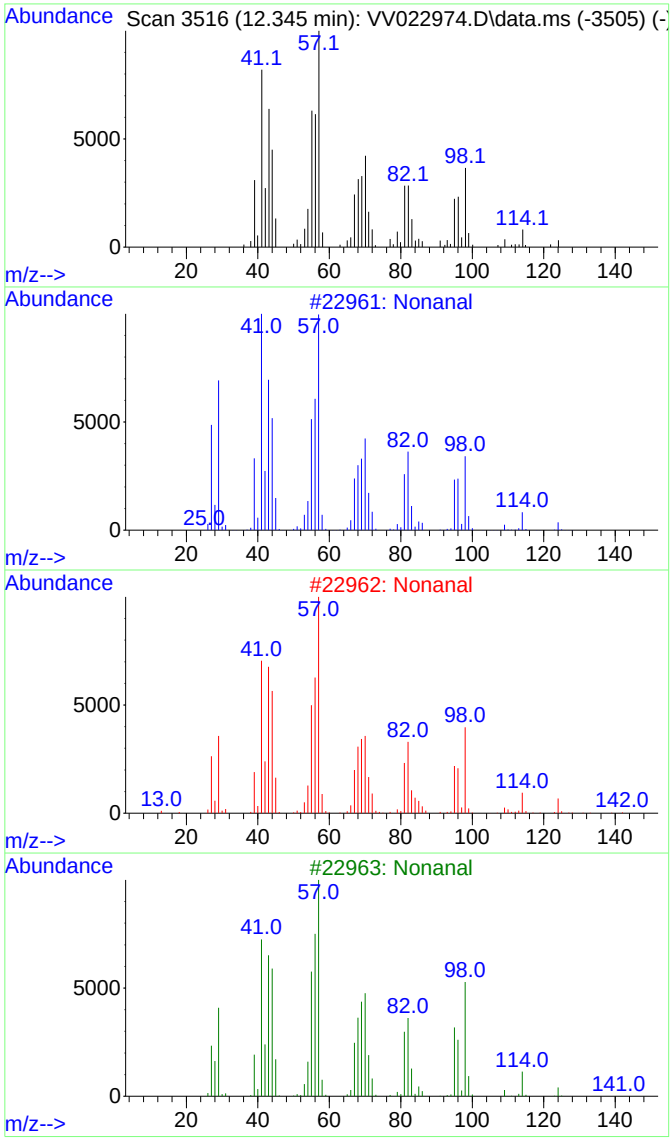
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

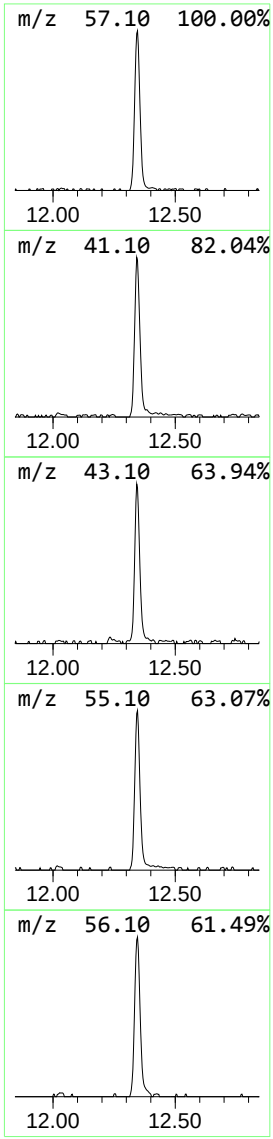
****

Peak Number 5 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	2.29 ug/L	170209	1,4-Dichlorobenzene-d4	11.249

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	91
4	Nonanal	142	C9H18O	000124-19-6	90
5	Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	30





Tentatively Identified Compound (LSC) summary

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MSVOA_V
ClientSampleId :
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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	0.6	ug/L	38872	1	5.619	327078	5.0
Octanal	11.149	0.8	ug/L	56526	3	11.249	372168	5.0
1-Hexanol, 2-et...	11.532	0.7	ug/L	50645	3	11.249	372168	5.0
Nonanal	12.345	2.3	ug/L	170209	3	11.249	372168	5.0