LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070918\
Data File : VV006561.D
Acq On : 09 Jul 2018 16:21
Operator : SY/MD
Sample : J3792-10RE
Misc : 25 mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB0H5RE

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\SOMVTR070718WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.029	27	43	93	rBV	7059246	8957367	100.00%	50.026%
2	1.318	126	133	151	rVB	112775	145033	1.62%	0.810%
3	1.585	210	216	229	rVB	105029	121474	1.36%	0.678%
4	2.132	377	386	398	rBV	205048	288605	3.22%	1.612%
5	3.967	936	957	999	rBV	111499	373814	4.17%	2.088%
6	4.405	1072	1093	1113	rBV	156181	368080	4.11%	2.056%
7	5.099	1291	1309	1322	rBV2	378943	889757	9.93%	4.969%
8	5.668	1470	1486	1510	rBV	385049	743008	8.29%	4.150%
9	5.932	1548	1568	1587	rBV3	38580	107810	1.20%	0.602%
10	6.122	1612	1627	1648	rBV	209537	417514	4.66%	2.332%
11	7.035	1897	1911	1929	rBV	102016	178404	1.99%	0.996%
12	7.363	1999	2013	2029	rBV	436976	737985	8.24%	4.122%
13	7.668	2095	2108	2126	rBV	60649	102003	1.14%	0.570%
14	8.141	2241	2255	2280	rBV2	479851	921184	10.28%	5.145%
15	8.900	2479	2491	2496	rBV	544035	878467	9.81%	4.906%
16	9.276	2592	2608	2635	rBV	325812	593104	6.62%	3.312%
17	10.266	2905	2916	2930	rVB	163495	252389	2.82%	1.410%
18	11.147	3180	3190	3210	rBV4	49432	103849	1.16%	0.580%
19	11.302	3225	3238	3240	rBV	591233	765979	8.55%	4.278%
20	11.588	3315	3327	3343	rBV3	36751	92258	1.03%	0.515%
21	11.678	3343	3355	3380	rVB2	486816	867312	9.68%	4.844%

Sum of corrected areas: 17905396

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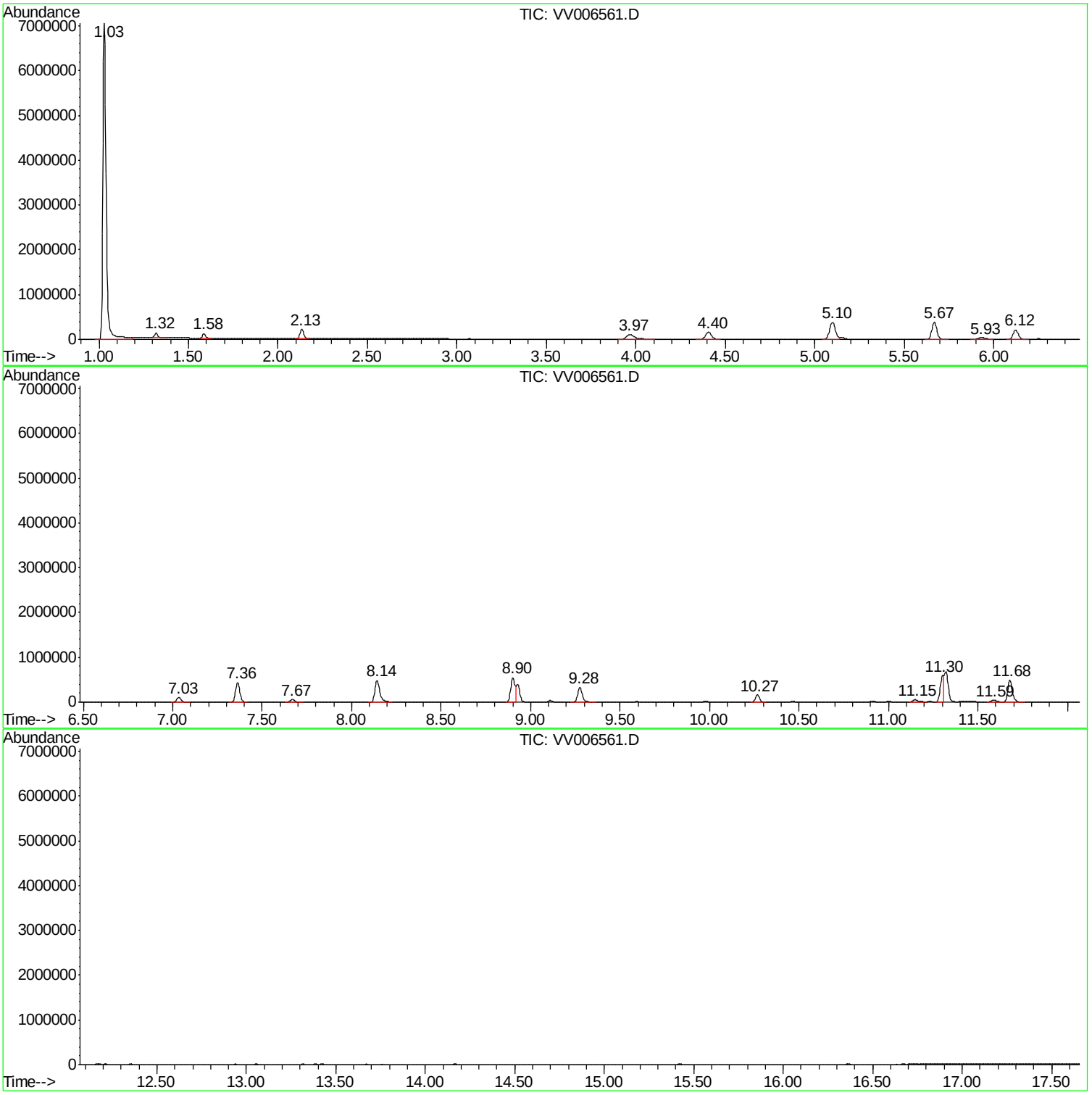
ClientSampleId : DB0H5RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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TIC Integration Parameters: LSCINT.P

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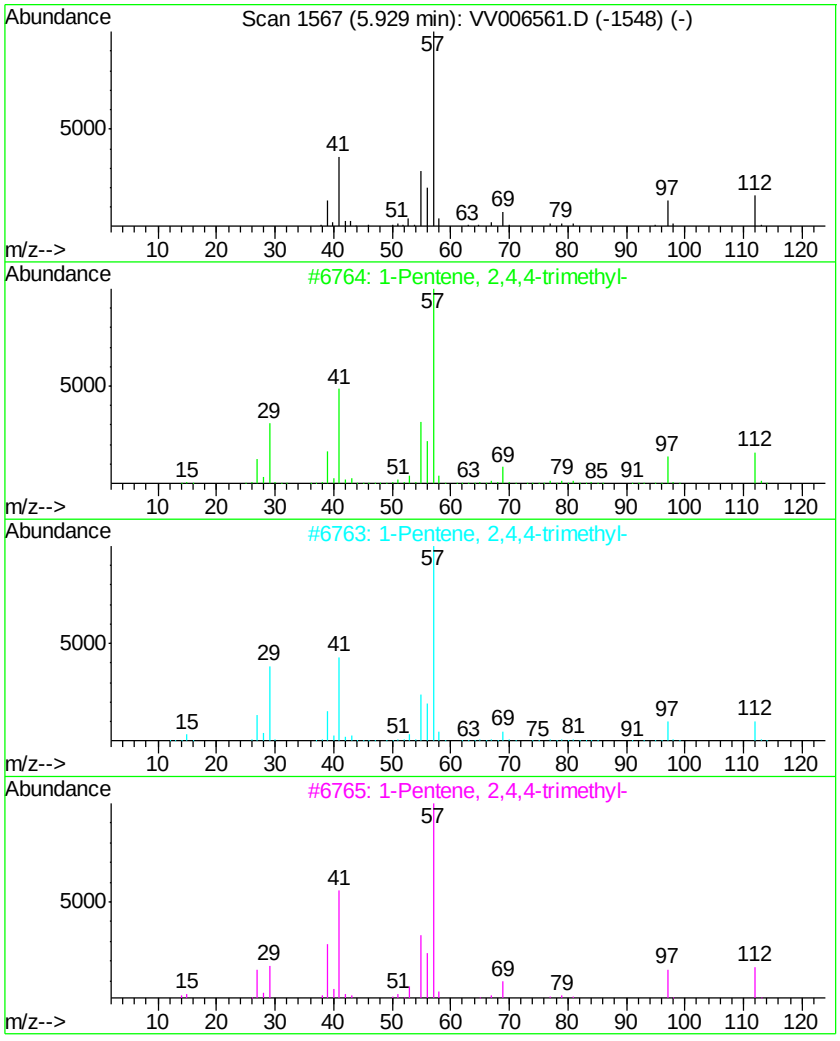
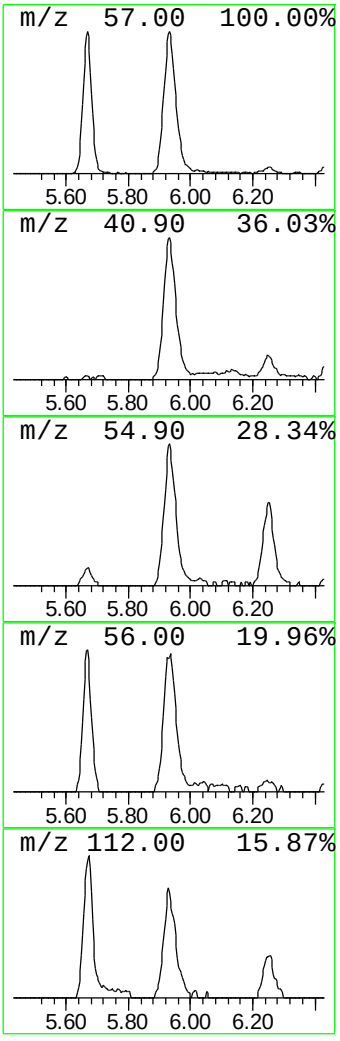
Peak Number 2 (DEL) Alkane: Cyclic5.93 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	0.73 ug/L	107810	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	81
2	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	74
3	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	72
4	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	58
5	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	43





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Instrument : MSVOA_V
ClientSampleId : DB0H5RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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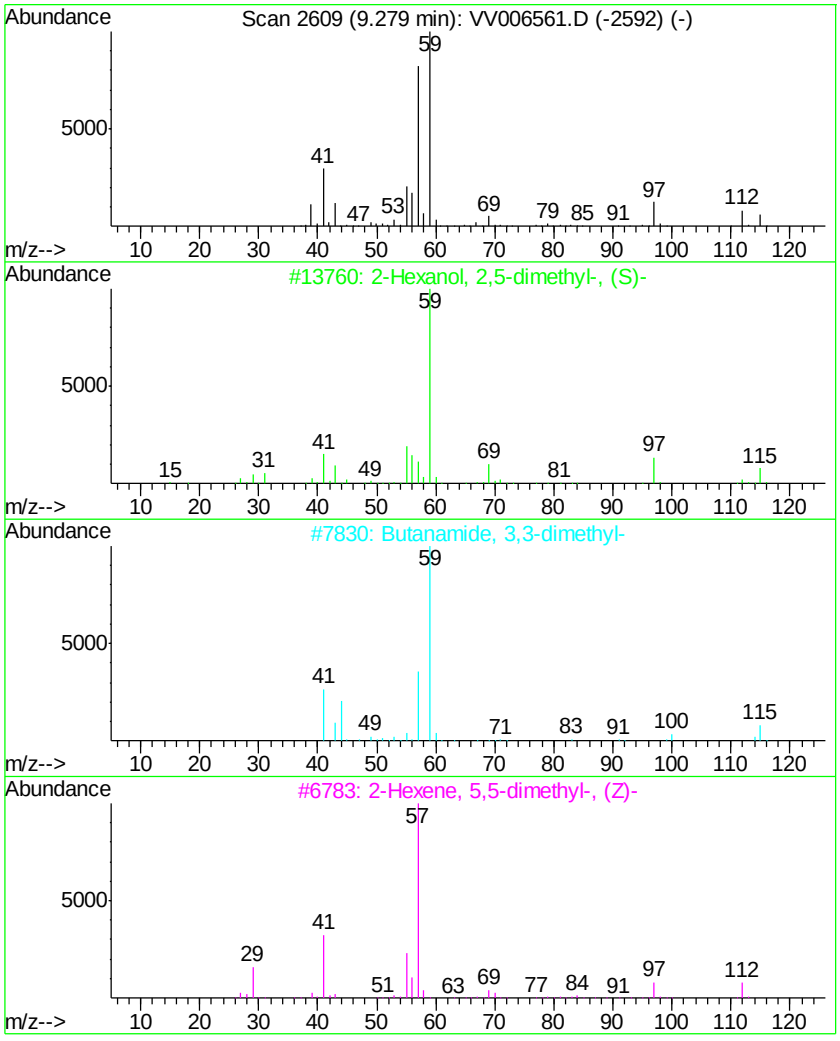
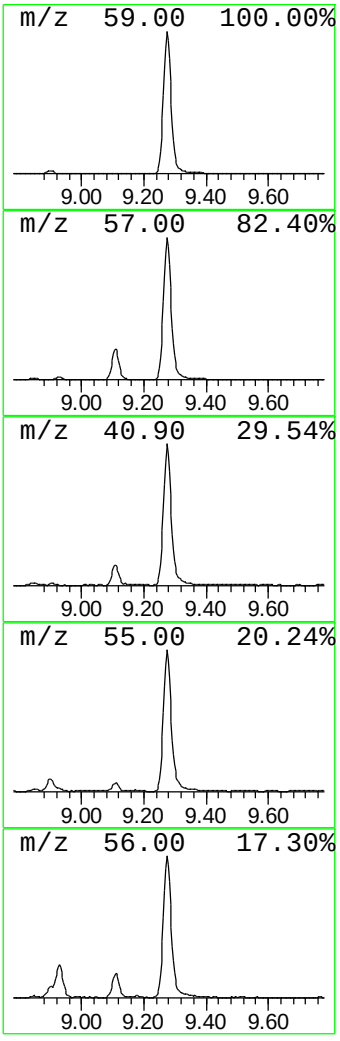
Peak Number 4 2-Hexanol, 2,5-dimethyl-, (S)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	3.38 ug/L	593104	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	72
2	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	40
3	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	25
4	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	25
5	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	23





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Instrument : MSVOA_V
ClientSampleId : DB0H5RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
Quant Title : TRACE VOA SOM01.0

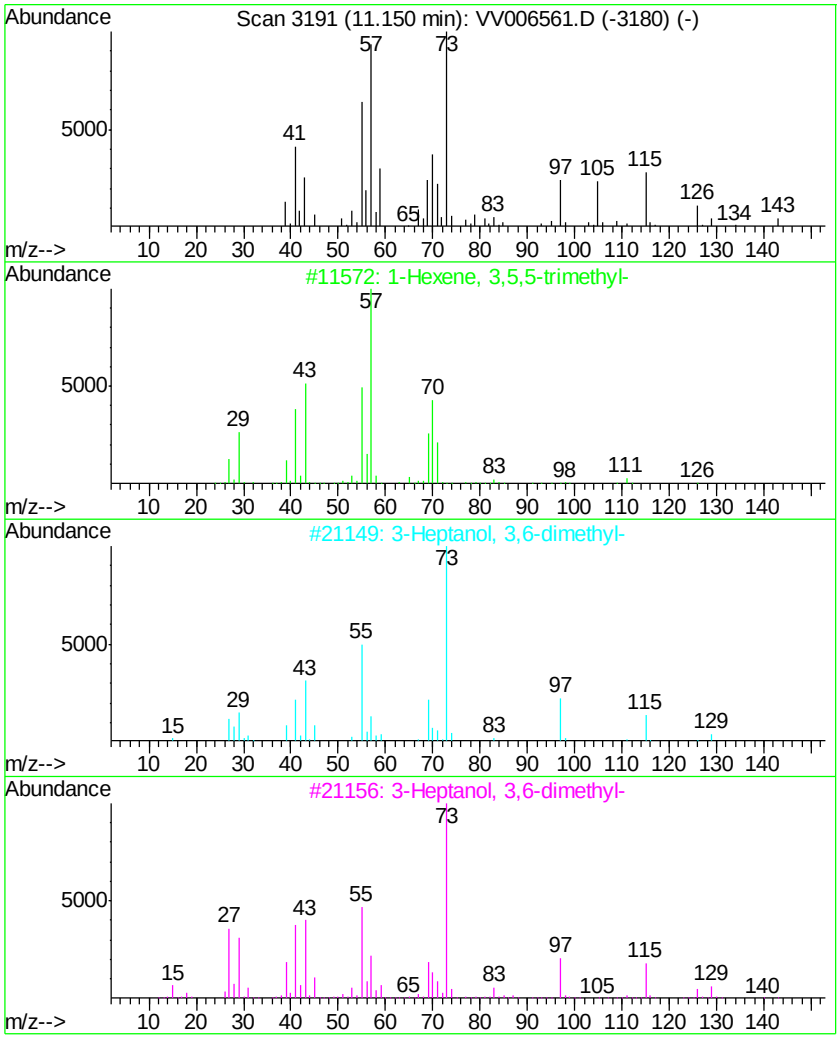
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

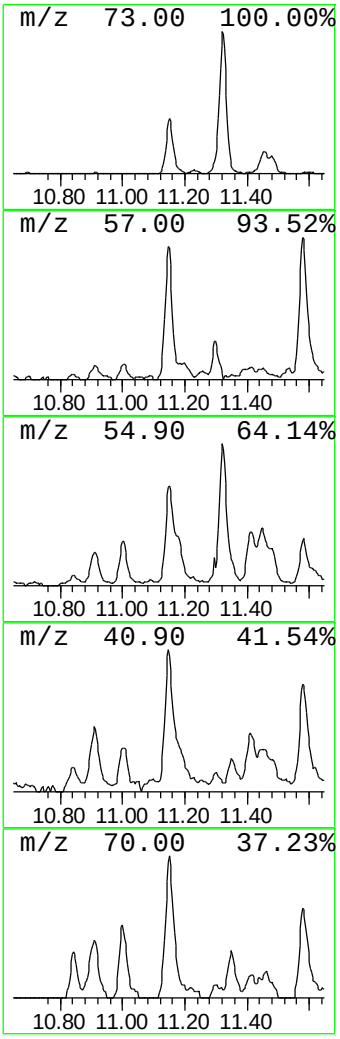
****

Peak Number 5 (DEL) Alkane: Cyclic11.15 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	0.68 ug/L	103849	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	35
2	3-Heptanol, 3,6-dimethyl-	144	C9H20O	001573-28-0	35
3	3-Heptanol, 3,6-dimethyl-	144	C9H20O	001573-28-0	27
4	8,10-Dioxaheptadecane	244	C15H32O2	1000334-81-6	22
5	cis-2-Nonene	126	C9H18	006434-77-1	14





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Operator : SY/MD
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Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB0H5RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
Quant Title : TRACE VOA SOM01.0

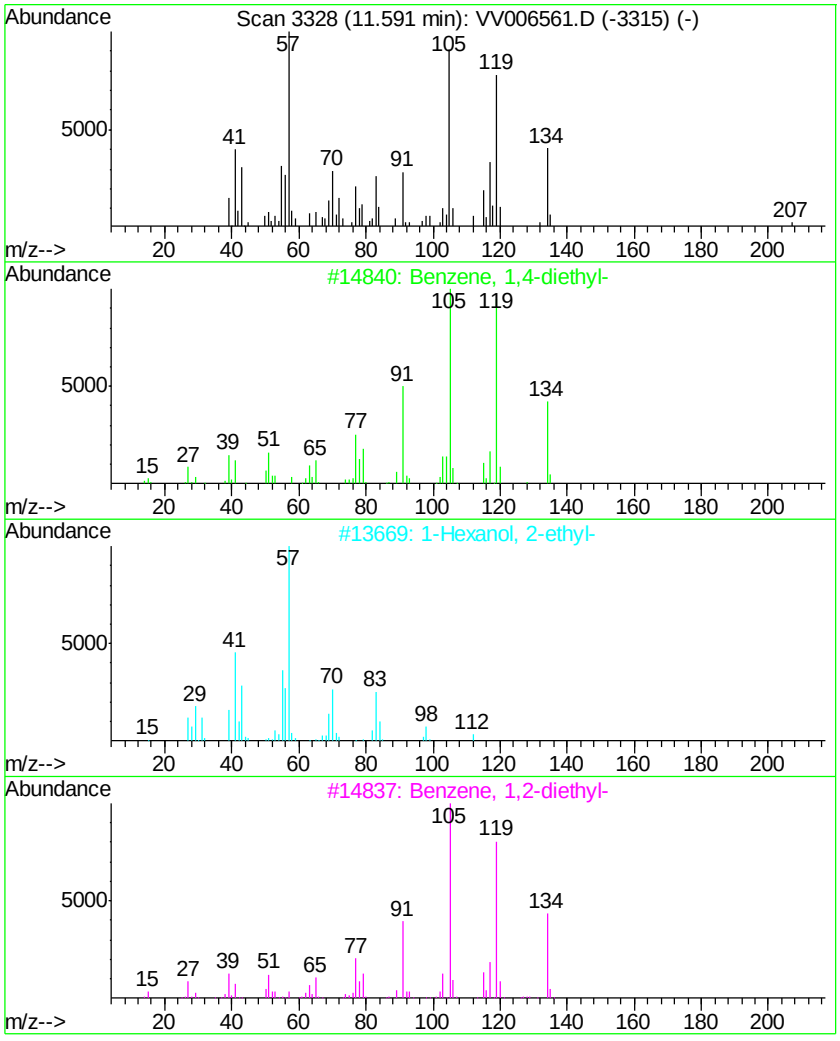
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

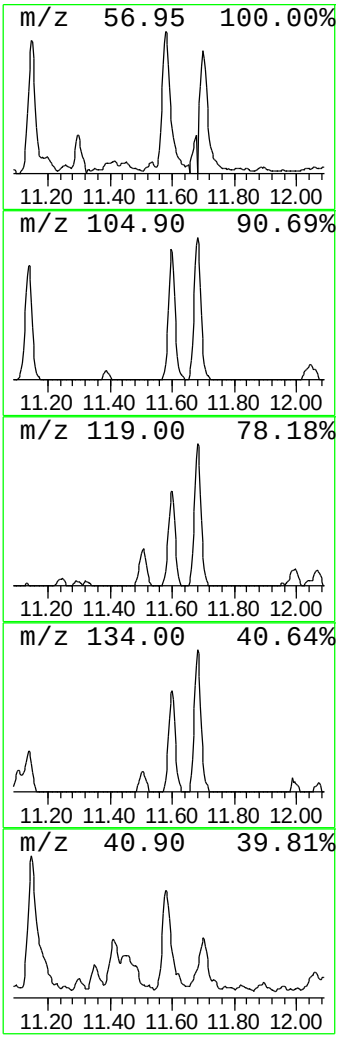
****

Peak Number 6 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	0.60 ug/L	92258	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	38
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	38
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	38
4	Oxirane, [[(2-ethylhexyl)oxy]met...	186	C11H22O2	002461-15-6	35
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	27





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	5.93	0.7	ug/L	107810	1	5.67	743008	5.0
2-Hexanol, 2,5-di...	9.28	3.4	ug/L	593104	2	8.90	878467	5.0
(DEL) Alkane: Cyc...	11.15	0.7	ug/L	103849	3	11.30	765979	5.0
unknown-01	11.59	0.6	ug/L	92258	3	11.30	765979	5.0