LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092518\
Data File : VF060333.D
Acq On : 25 Sep 2018 19:08
Operator : VA/AP
Sample : J4774-05
Misc : 6.86/5mL/MSVOA F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OK-03-092418

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\82F091918S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.105	45	48	50	rBV	7858	18723	1.19%	0.158%
2	1.184	50	56	58	rVV6	4860	21527	1.37%	0.181%
3	1.351	70	73	76	rBV5	8156	16501	1.05%	0.139%
4	2.268	163	166	168	rBV2	19692	43625	2.77%	0.367%
5	2.317	168	171	176	rVB3	24297	62549	3.97%	0.526%
6	3.136	253	254	259	rVB	15853	18309	1.16%	0.154%
7	4.269	362	369	381	rVB2	230081	710050	45.07%	5.976%
8	5.018	437	445	461	rBV2	453749	1575523	100.00%	13.260%
9	5.748	513	519	529	rBV	483566	1294039	82.13%	10.891%
10	7.690	711	716	726	rBV	600483	1430841	90.82%	12.043%
11	8.340	779	782	791	rVB5	6316	23809	1.51%	0.200%
12	9.898	935	940	951	rBV	638634	1432987	90.95%	12.061%
13	11.495	1098	1102	1114	rVV	573381	1013985	64.36%	8.534%
14	12.401	1191	1194	1199	rVB5	12073	21880	1.39%	0.184%
15	12.618	1213	1216	1225	rVB	874993	1356238	86.08%	11.415%
16	12.786	1230	1233	1235	rBV3	10777	18000	1.14%	0.151%
17	12.993	1251	1254	1262	rBV	530035	746450	47.38%	6.282%
18	13.279	1281	1283	1287	rVB4	11278	16140	1.02%	0.136%
19	13.446	1295	1300	1301	rBV5	16833	38028	2.41%	0.320%
20	13.565	1309	1312	1313	rBV	57692	77329	4.91%	0.651%
21	13.594	1313	1315	1319	rVB	52805	80698	5.12%	0.679%
22	13.663	1319	1322	1327	rBV	339738	534167	33.90%	4.496%
23	13.762	1329	1332	1334	rVV	76238	129645	8.23%	1.091%
24	13.791	1334	1335	1337	rVV	45000	65809	4.18%	0.554%
25	13.831	1337	1339	1340	rVV	46184	66525	4.22%	0.560%
26	13.939	1340	1350	1356	rVV4	212363	900907	57.18%	7.582%
27	14.028	1356	1359	1363	rVB	99450	149084	9.46%	1.255%
28	14.511	1406	1408	1410	rVB3	13397	18191	1.15%	0.153%

Sum of corrected areas: 11881559

LSC Report - Integrated Chromatogram

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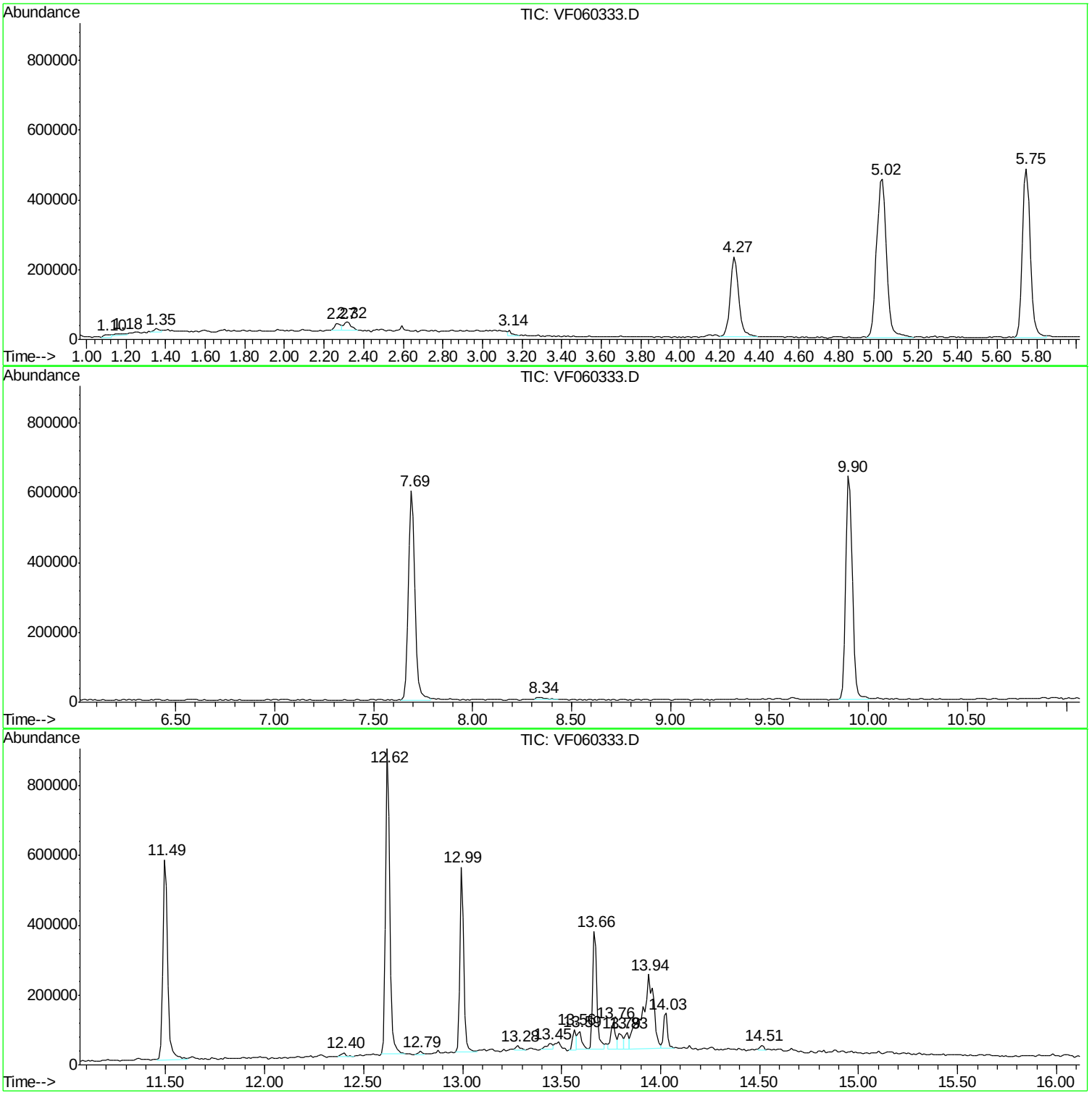
Instrument :
MSVOA_F
ClientSampleId :
OK-03-092418

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260

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



Library Search Compound Report

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

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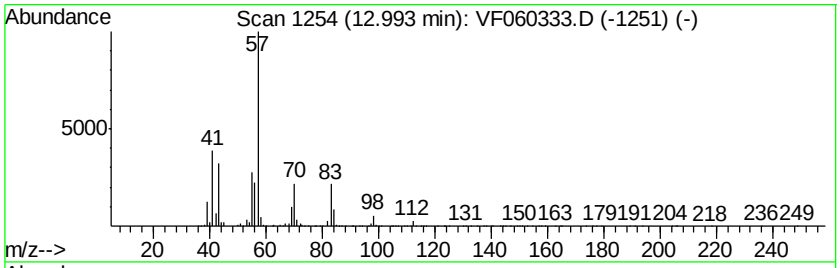
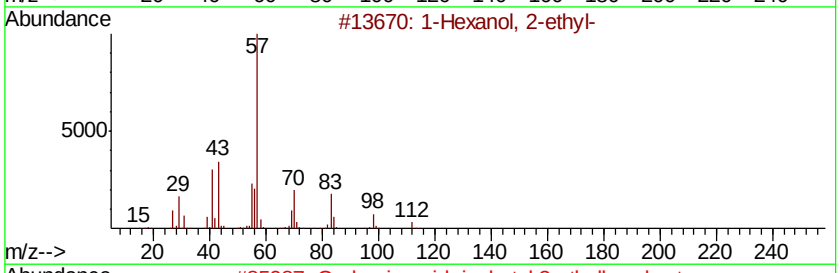
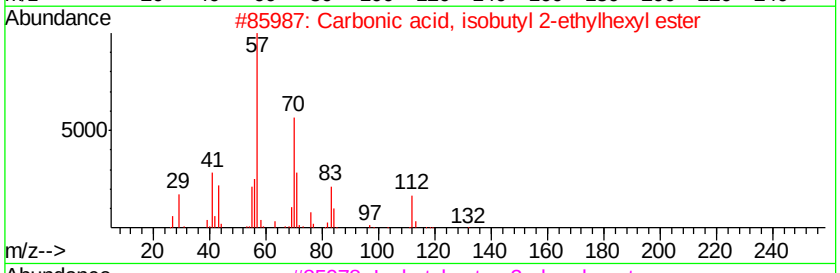
Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 2

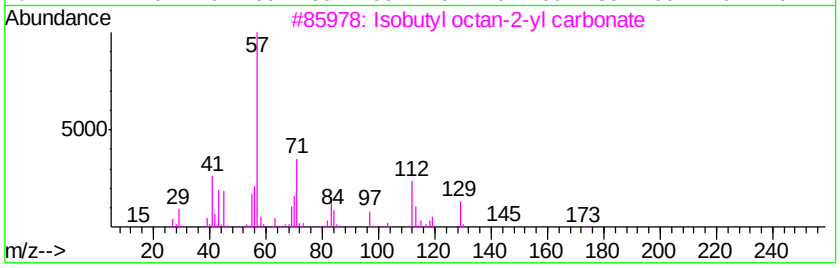
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	27.52 ug/l	746450	1,4-Dichlorobenzene-d4	12.62

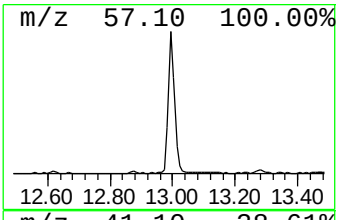
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	59
3	Isobutyl octan-2-yl carbonate	230	C13H26O3	1000372-74-7	56
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	47
5	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	47

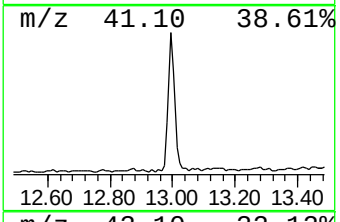


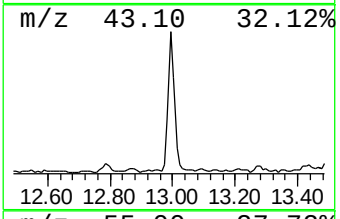


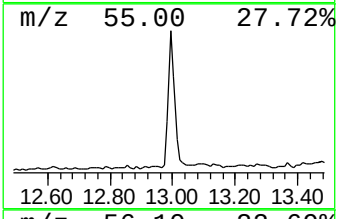


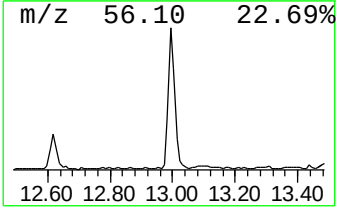












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ClientSampleId : OK-03-092418

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260

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

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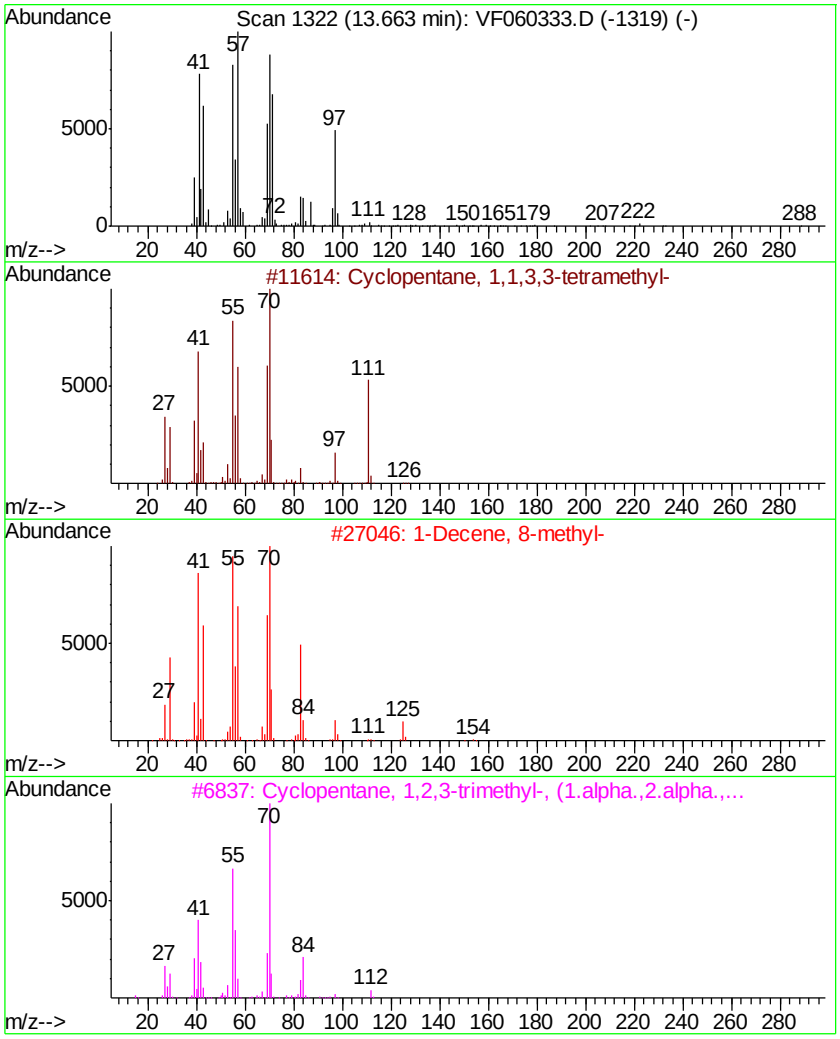
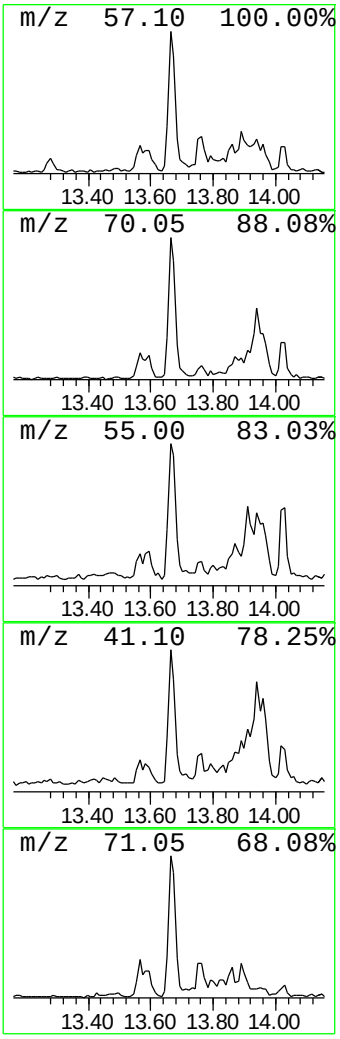
Peak Number 2 unknown13.66 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	19.69 ug/l	534167	1,4-Dichlorobenzene-d4	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	49
2	1-Decene, 8-methyl-	154	C11H22	061142-79-8	49
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	47
4	1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	43
5	2-Nonene, 3-methyl-, (E)-	140	C10H20	017003-99-5	43





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Instrument : MSVOA_F
ClientSampleId : OK-03-092418

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260

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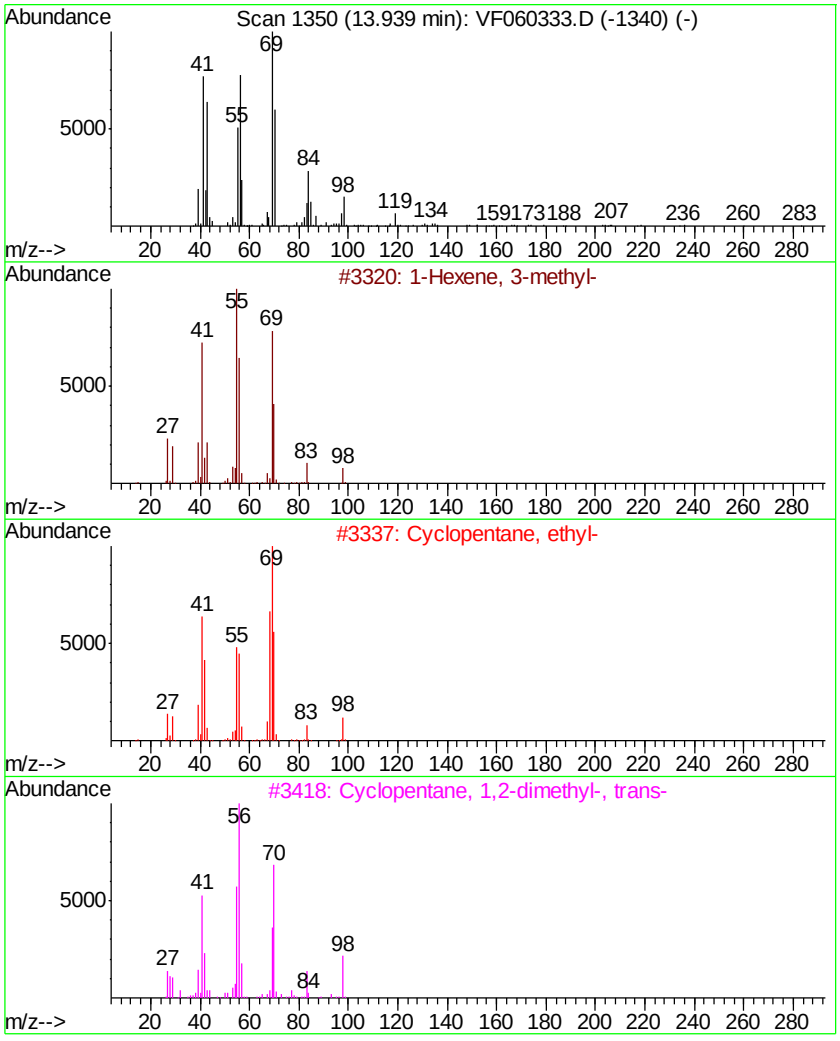
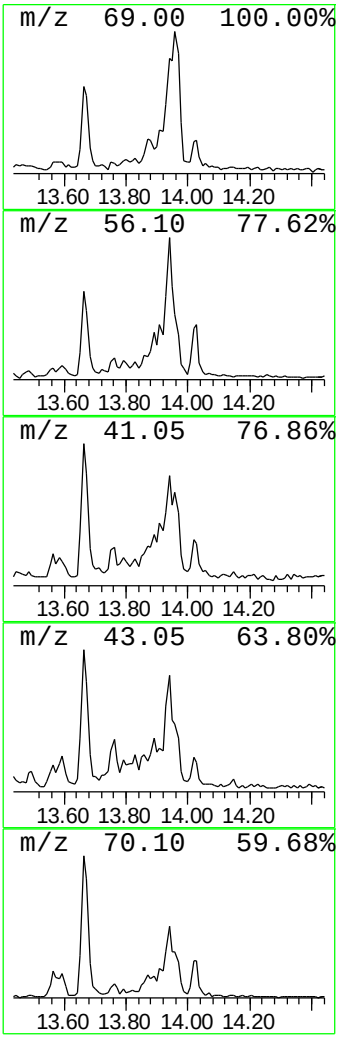
Peak Number 3 1-Hexene, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	33.21 ug/l	900907	1,4-Dichlorobenzene-d4	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	74
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	50
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	49
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	46
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	46





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Instrument : MSVOA_F
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260

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

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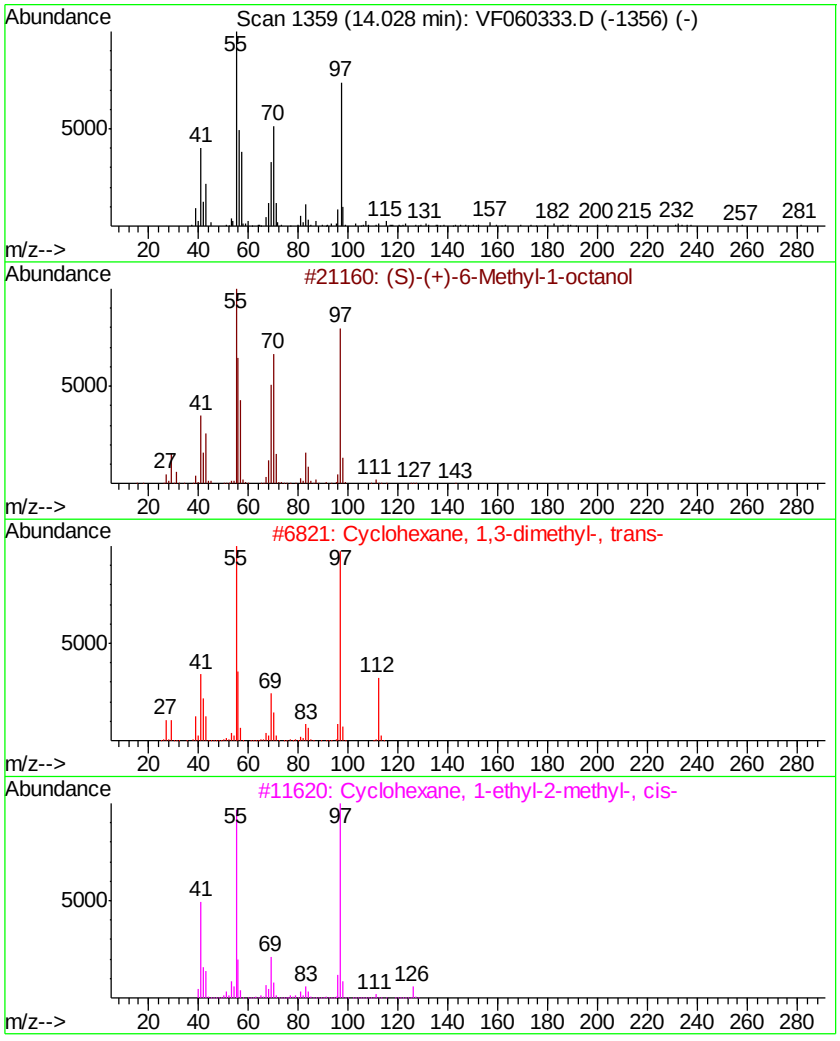
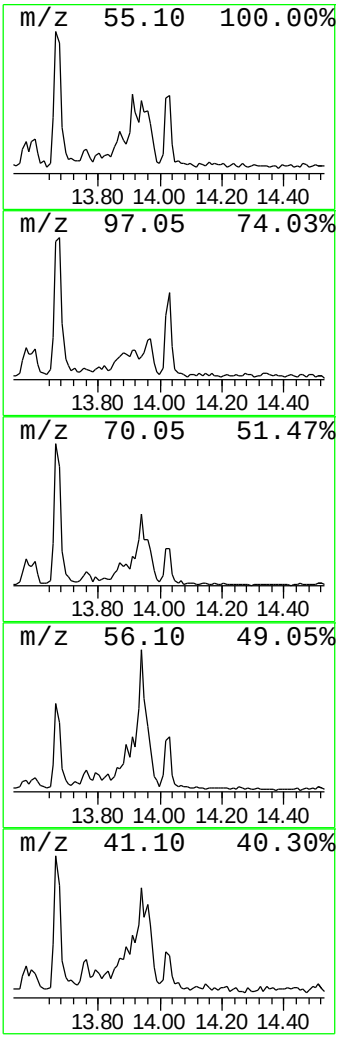
Peak Number 4 (S)-(+)-6-Methyl-1-octanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	5.50 ug/l	149084	1,4-Dichlorobenzene-d4	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-6-Methyl-1-octanol	144	C9H20O	110453-78-6	86
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	64
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	53
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	53
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	50





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Hexanol, 2-ethyl-	12.99	27.5	ug/l	746450	4	12.62	1356240	50.0
unknown13.66	13.66	19.7	ug/l	534167	4	12.62	1356240	50.0
1-Hexene, 3-methyl-	13.94	33.2	ug/l	900907	4	12.62	1356240	50.0
(S)-(+)-6-Methyl-...	14.03	5.5	ug/l	149084	4	12.62	1356240	50.0