LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF053119\
Data File : VF062811.D
Acq On : 31 May 2019 16:18
Operator : FY/SY
Sample : K3111-02
Misc : 5.04g/5mL/MSVOA F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-BPM-01-D1-D2-D1A-D2A

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\82F053019S.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	1.345	78	82	85	rBV6	11264	28646	1.20%	0.180%
2	3.090	257	259	264	rVB	29332	42922	1.80%	0.269%
3	4.233	368	375	379	rBV	56615	216849	9.08%	1.360%
4	4.332	379	385	396	rVB	375306	1161190	48.63%	7.283%
5	5.071	452	460	473	rBV2	750468	2381925	99.76%	14.939%
6	5.800	528	534	543	rBV	896026	2380388	99.69%	14.929%
7	7.732	723	730	739	rBV	859981	2095323	87.76%	13.141%
8	9.930	947	953	965	rBV	1097248	2387678	100.00%	14.975%
9	11.508	1109	1113	1120	rBV	828968	1361743	57.03%	8.540%
10	11.636	1123	1126	1133	rVB	40975	79353	3.32%	0.498%
11	12.188	1180	1182	1184	rBV	57797	57367	2.40%	0.360%
12	12.621	1222	1226	1240	rVV	1534131	2300966	96.37%	14.431%
13	12.996	1261	1264	1269	rVB2	23239	36318	1.52%	0.228%
14	13.331	1293	1298	1301	rVB3	31689	53647	2.25%	0.336%
15	13.755	1336	1341	1343	rBV5	13425	28350	1.19%	0.178%
16	14.189	1383	1385	1389	rBV3	20622	37573	1.57%	0.236%
17	14.366	1392	1403	1404	rBV4	95963	342201	14.33%	2.146%
18	14.406	1404	1407	1411	rVB2	154234	299410	12.54%	1.878%
19	14.465	1411	1413	1416	rBV	129177	199643	8.36%	1.252%
20	14.593	1421	1426	1430	rVV4	99121	257892	10.80%	1.617%
21	14.662	1430	1433	1437	rVB3	84213	139808	5.86%	0.877%
22	15.056	1471	1473	1475	rBV	84464	55386	2.32%	0.347%

Sum of corrected areas: 15944578

LSC Report - Integrated Chromatogram

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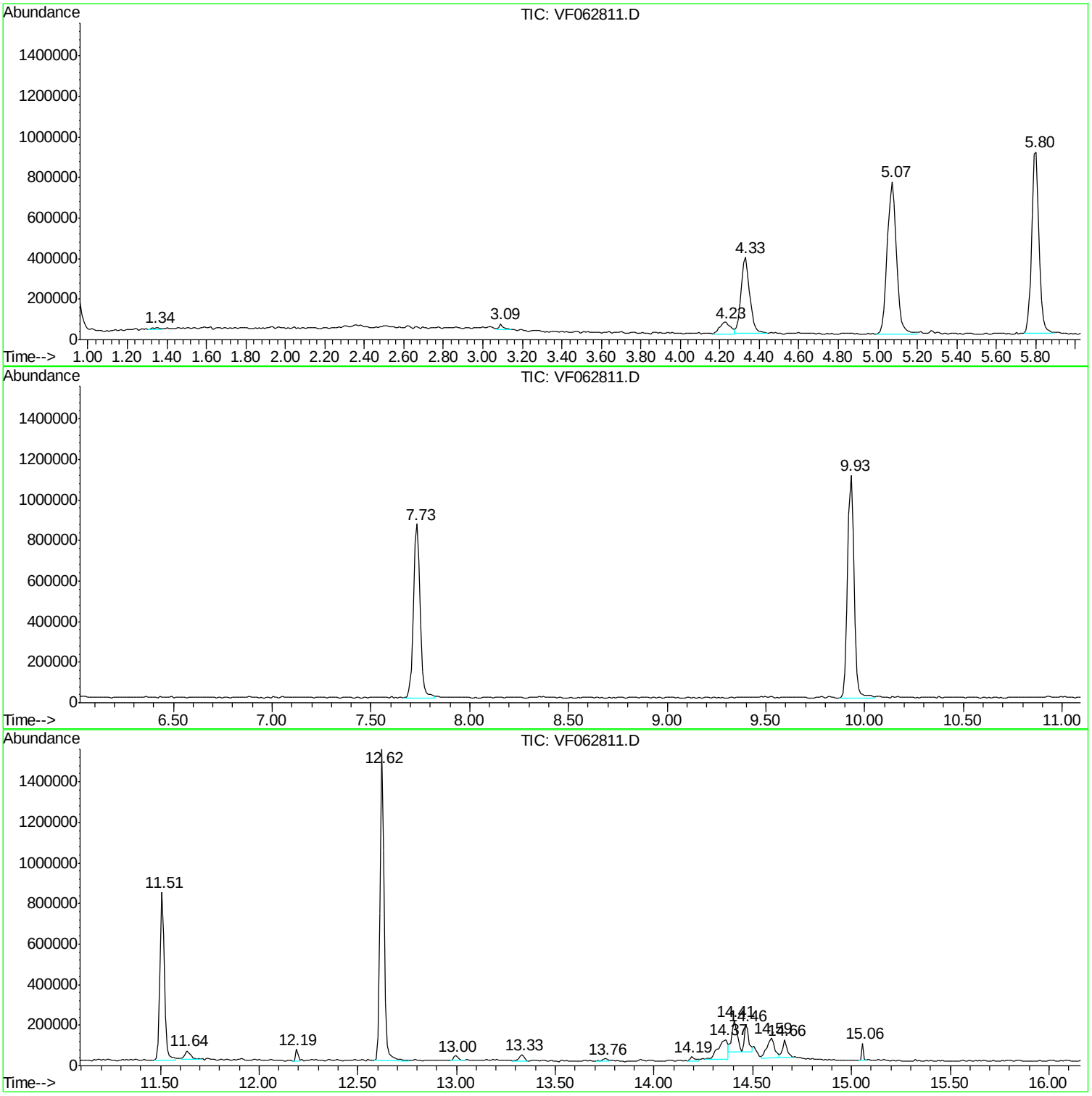
Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-D1-D2-D1A-D2A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Quant Title : SW846 8260

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

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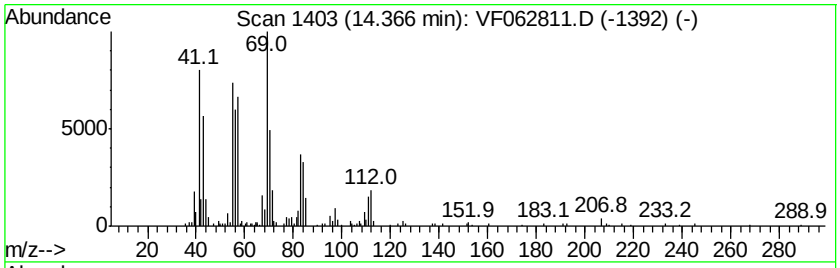
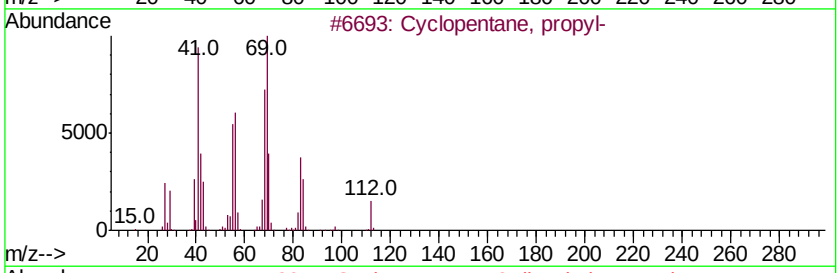
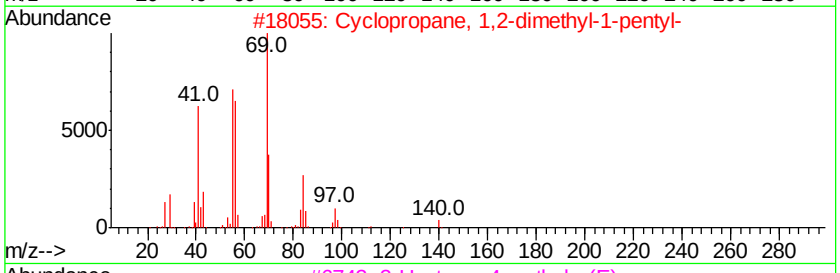
Peak Number 1 Cyclopentane, propyl- Concentration Rank 1

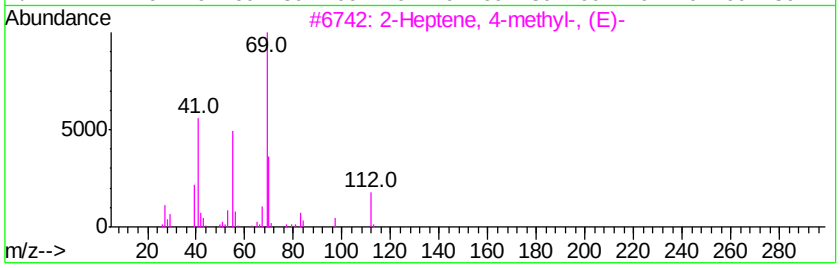
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	7.44 ug/l	342201	1,4-Dichlorobenzene-d4	12.62

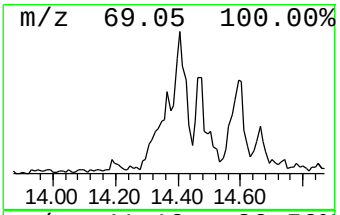
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, propyl-	112	C8H16	002040-96-2	87
2	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	80
3	2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	58
4	4-Methyl-2-heptene	112	C8H16	003404-56-6	58
5	3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	58

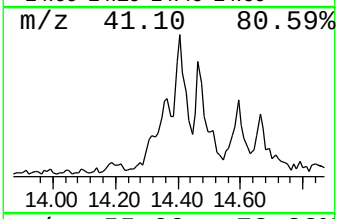


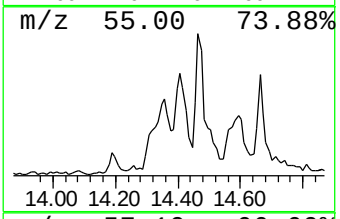


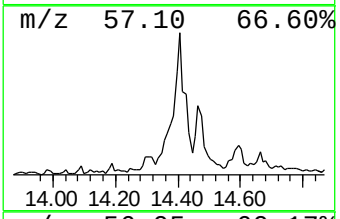


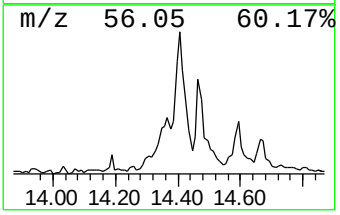












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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

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

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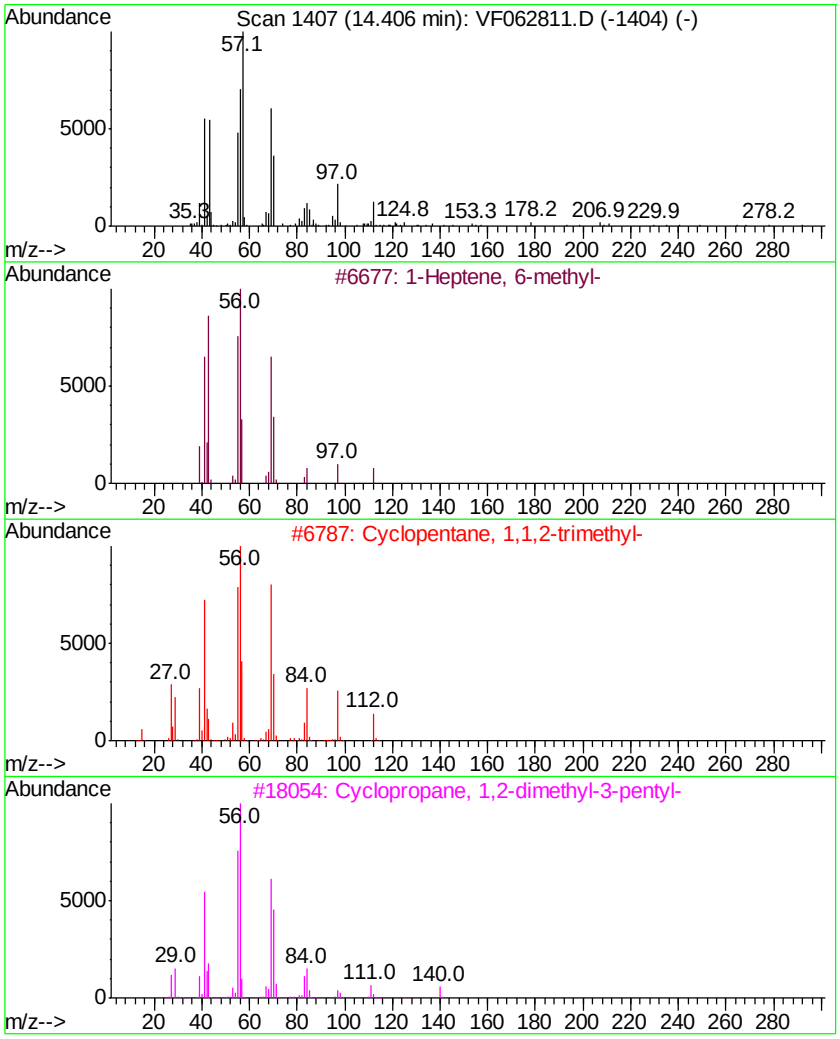
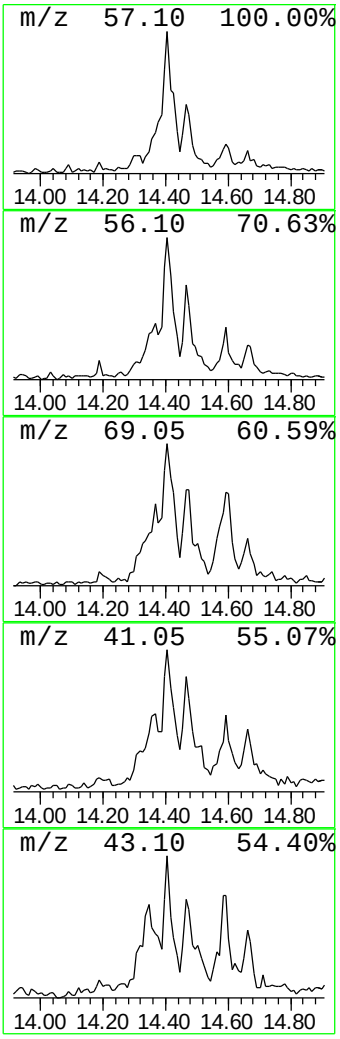
Peak Number 2 1-Heptene, 6-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	6.51 ug/l	299410	1,4-Dichlorobenzene-d4	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene, 6-methyl-	112	C8H16	005026-76-6	58
2	Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	53
3	Cyclopropane, 1,2-dimethyl-3-pen...	140	C10H20	062238-05-5	43
4	2-Heptene, 5-methyl-	112	C8H16	022487-87-2	43
5	1-Octene, 2,6-dimethyl-	140	C10H20	006874-29-9	43





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Instrument : MSVOA_F
ClientSampleId : FK-BPM-01-D1-D2-D1A-D2A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

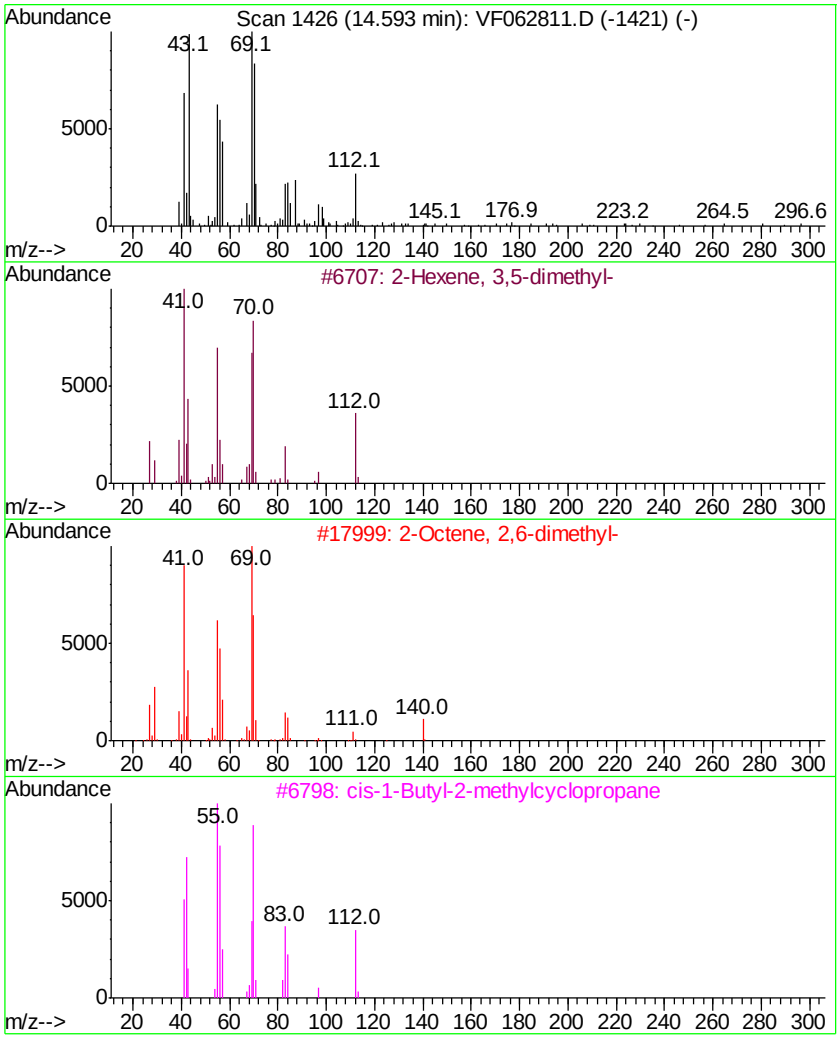
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

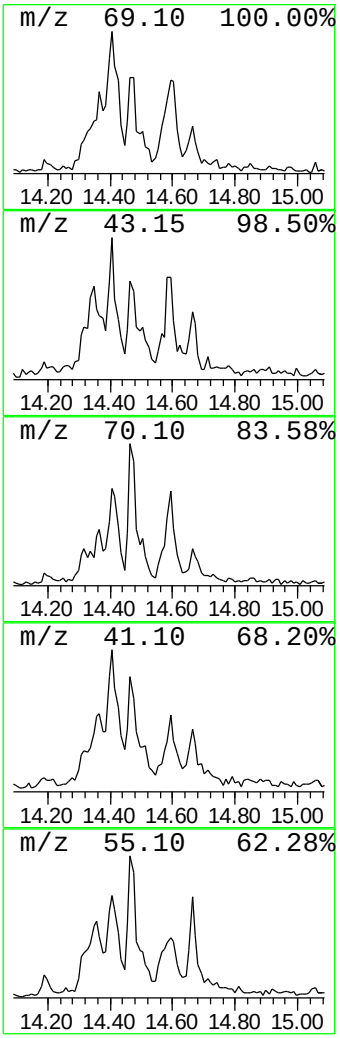
****

Peak Number 3 2-Hexene, 3,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	5.60 ug/l	257892	1,4-Dichlorobenzene-d4	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	76
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	68
3	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	49
4	3-Heptene, 2-methyl-	112	C8H16	017618-76-7	46
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	46





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentane, pro...	14.37	7.4	ug/l	342201	4	12.62	2300970	50.0
1-Heptene, 6-methyl-	14.41	6.5	ug/l	299410	4	12.62	2300970	50.0
2-Hexene, 3,5-dim...	14.59	5.6	ug/l	257892	4	12.62	2300970	50.0