LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
Data File : VU027552.D
Acq On : 10 Oct 2018 03:22
Operator : MD/SY
Sample : J5324-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : OILY-DEBRIS

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_U\METHOD\82U100118W.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	1.476	87	94	103	rBV	23811	27043	1.58%	0.322%
2	2.013	251	261	281	rVB	28982	45878	2.68%	0.546%
3	2.324	346	358	370	rBV	30955	49483	2.89%	0.589%
4	2.704	463	476	496	rBV	142708	255300	14.90%	3.041%
5	4.887	1138	1155	1171	rBV	113581	257267	15.01%	3.064%
6	4.987	1171	1186	1206	rVV	188938	415234	24.23%	4.946%
7	5.311	1273	1287	1305	rBV	139563	298028	17.39%	3.550%
8	5.553	1346	1362	1386	rBV	52948	115736	6.75%	1.379%
9	5.890	1441	1467	1504	rBV	297434	657740	38.38%	7.835%
10	6.713	1713	1723	1742	rBV	18802	36869	2.15%	0.439%
11	7.569	1972	1989	2021	rBV	454217	825387	48.16%	9.832%
12	8.421	2246	2254	2265	rVB	14943	22393	1.31%	0.267%
13	8.906	2396	2405	2421	rBV	33780	56447	3.29%	0.672%
14	9.093	2441	2463	2486	rBV	401126	676929	39.50%	8.063%
15	10.308	2827	2841	2870	rBV	306586	485914	28.35%	5.788%
16	11.485	3194	3207	3227	rBV	386636	610280	35.61%	7.269%
17	11.594	3227	3241	3253	rVV2	50915	84545	4.93%	1.007%
18	11.742	3276	3287	3310	rBV	145721	250730	14.63%	2.987%
19	12.224	3429	3437	3454	rVB4	12301	23922	1.40%	0.285%
20	12.572	3536	3545	3557	rVB2	11562	18904	1.10%	0.225%
21	12.723	3577	3592	3612	rBV	134478	222425	12.98%	2.649%
22	12.851	3621	3632	3637	rBV	182920	275009	16.05%	3.276%
23	12.890	3637	3644	3679	rVB	459830	768099	44.82%	9.149%
24	13.314	3763	3776	3794	rBV	1117089	1713879	100.00%	20.415%
25	13.395	3796	3801	3825	rVB4	48854	97665	5.70%	1.163%
26	13.678	3881	3889	3902	rBV2	15261	27382	1.60%	0.326%
27	13.745	3902	3910	3917	rBV	16755	25078	1.46%	0.299%
28	14.597	4166	4175	4187	rBV4	14818	24760	1.44%	0.295%
29	14.826	4235	4246	4256	rBV4	14077	26893	1.57%	0.320%

Sum of corrected areas: 8395219

LSC Report - Integrated Chromatogram

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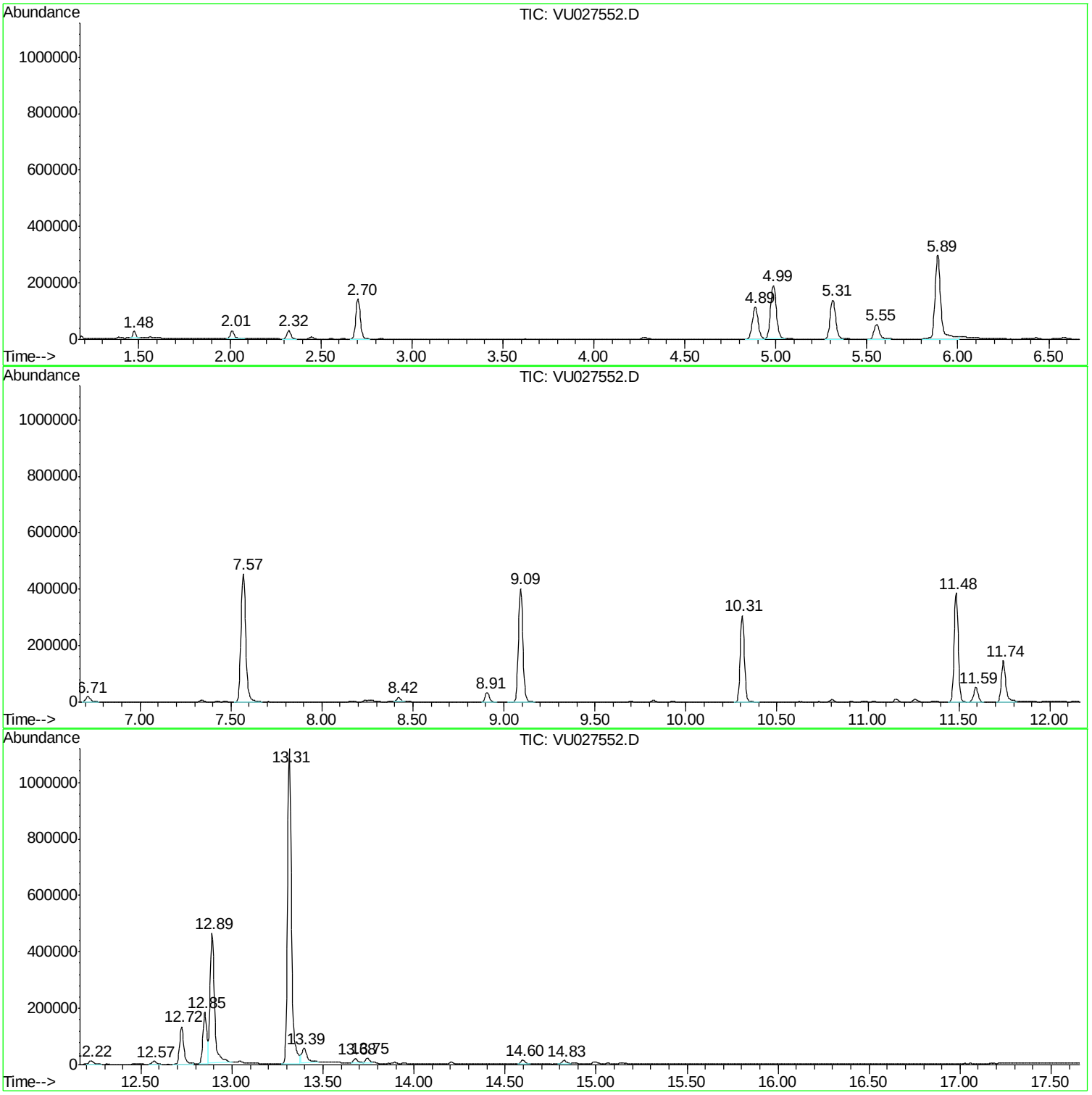
Data File : VU027552.D
Acq On : 10 Oct 2018 03:22
Operator : MD/SY
Sample : J5324-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
Data File : VU027552.D
Acq On : 10 Oct 2018 03:22
Operator : MD/SY
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Quant Title : SW846 8260

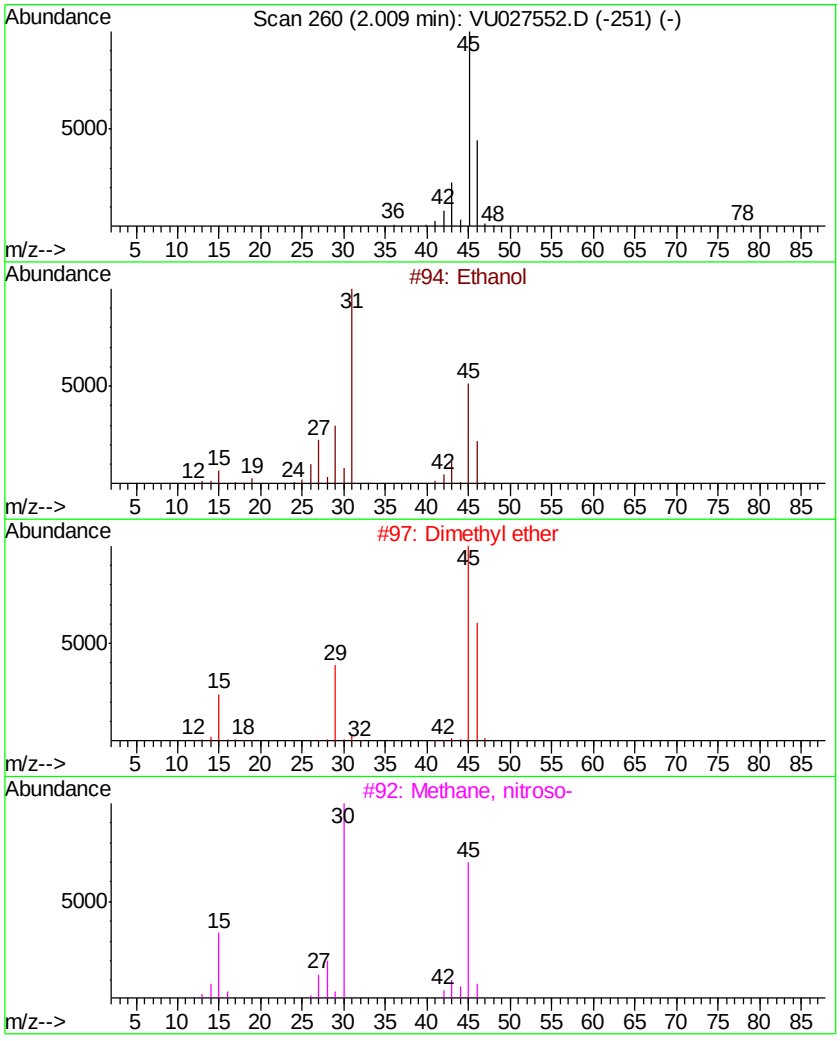
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

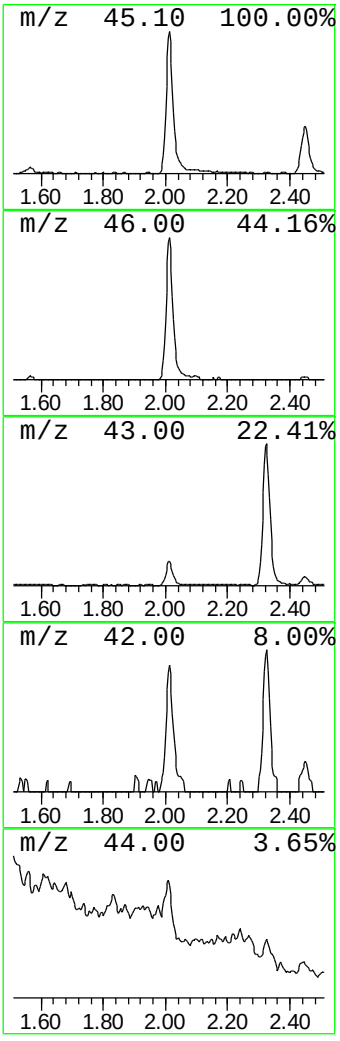
****

Peak Number 1 Ethanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	5.52 ug/l	45878	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	90
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	Oxalic acid	90	C2H2O4	000144-62-7	4





Library Search Compound Report

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Data File : VU027552.D
Acq On : 10 Oct 2018 03:22
Operator : MD/SY
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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

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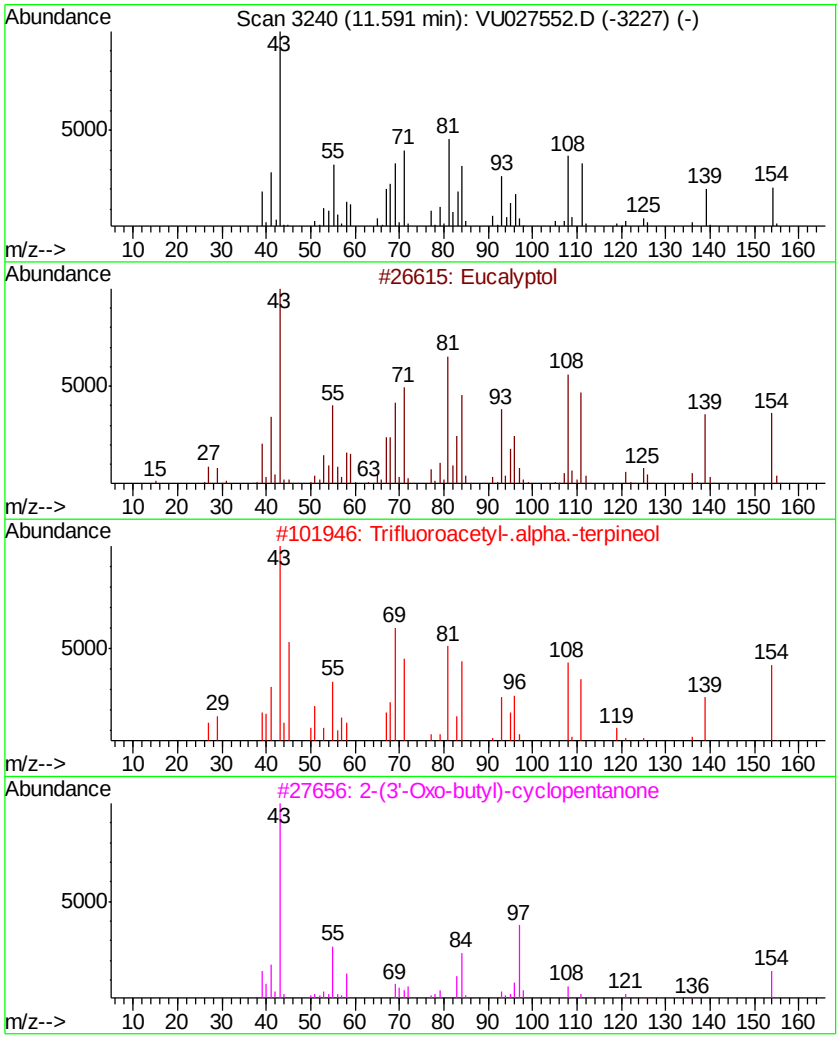
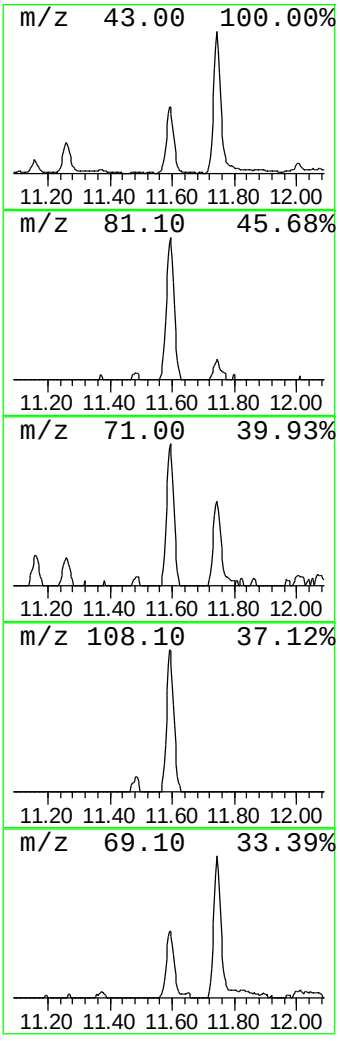
Peak Number 2 Eucalyptol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	6.93 ug/l	84545	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	97
2	Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	40
3	2-(3'-Oxo-butyl)-cyclopentanone	154	C9H14O2	1000143-37-2	27
4	2-Isopropyl-5-methylhex-2-enal	154	C10H18O	035158-25-9	27
5	3-Hepten-2-one, 3-propyl-	154	C10H18O	032064-69-0	25





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Data File : VU027552.D
Acq On : 10 Oct 2018 03:22
Operator : MD/SY
Sample : J5324-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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

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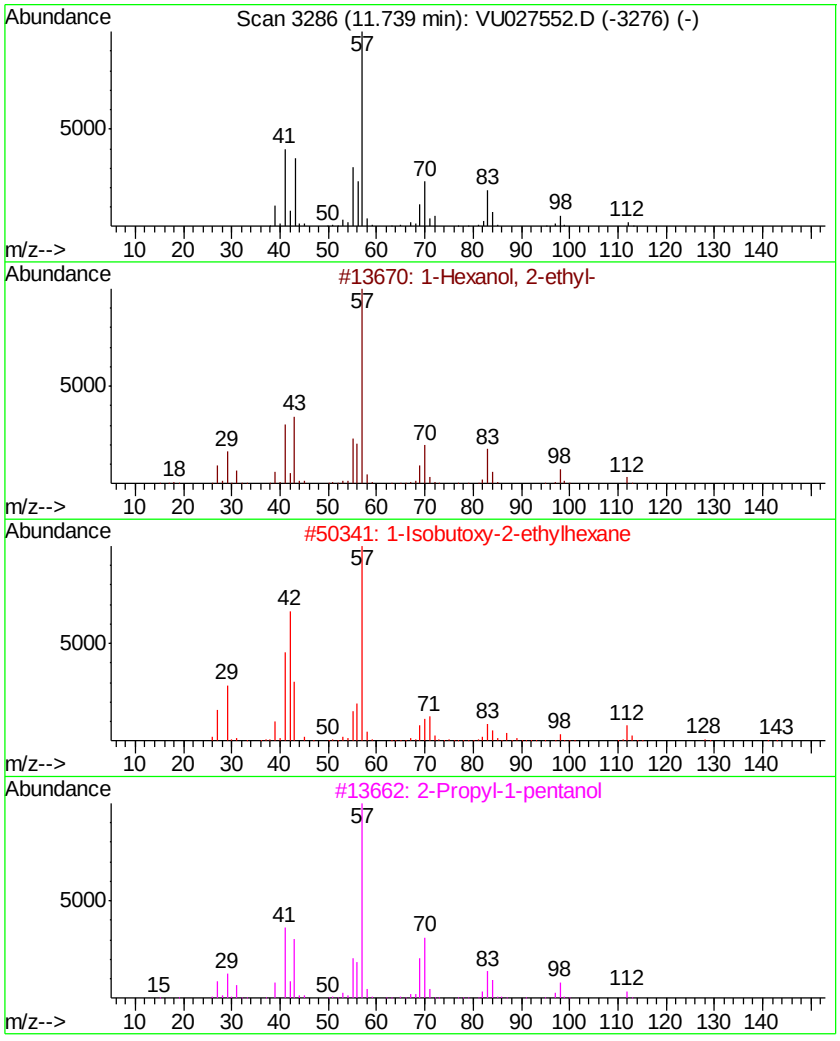
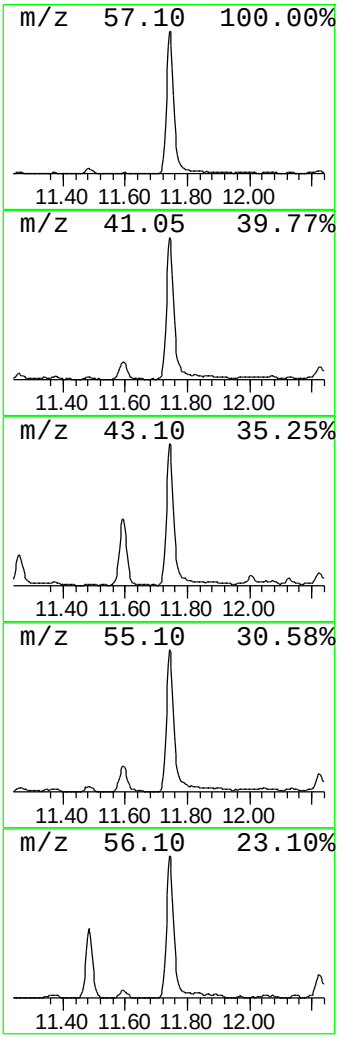
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	20.54 ug/l	250730	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	56
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027552.D
Acq On : 10 Oct 2018 03:22
Operator : MD/SY
Sample : J5324-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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

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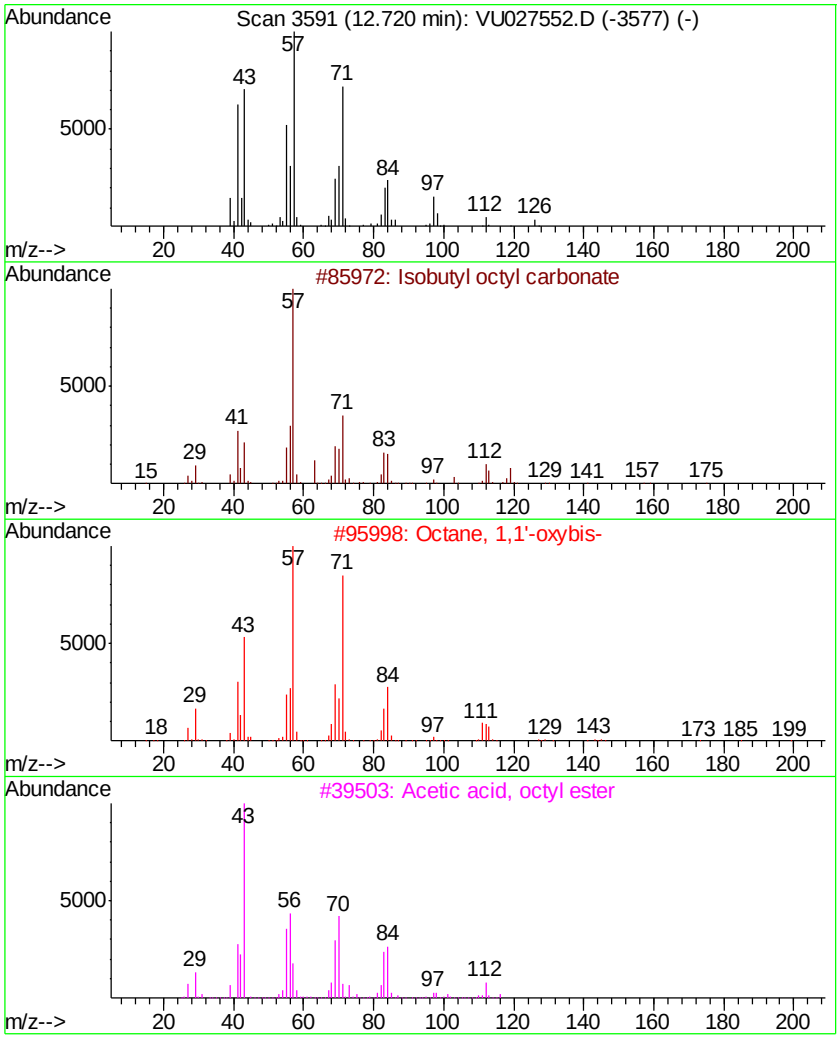
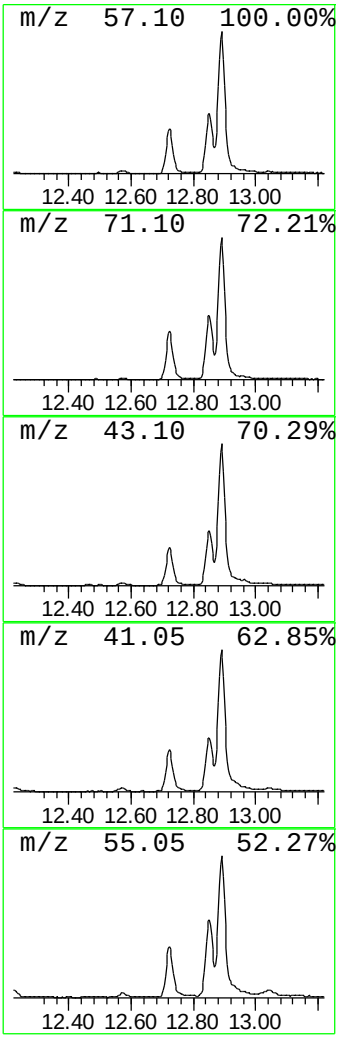
Peak Number 4 Isobutyl octyl carbonate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	18.22 ug/l	222425	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl octyl carbonate	230	C13H26O3	1000372-74-6	86
2	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64
3	Acetic acid, octyl ester	172	C10H20O2	000112-14-1	47
4	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	47
5	Cyclopropane, octyl-	154	C11H22	001472-09-9	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
Data File : VU027552.D
Acq On : 10 Oct 2018 03:22
Operator : MD/SY
Sample : J5324-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

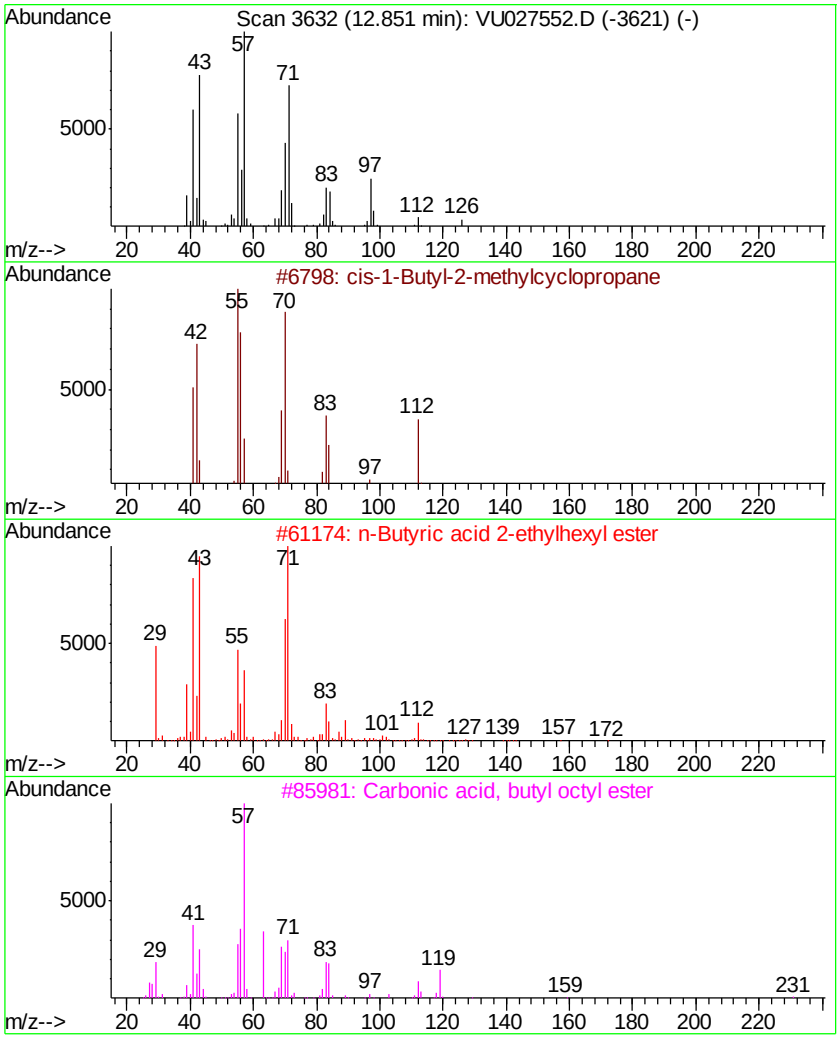
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

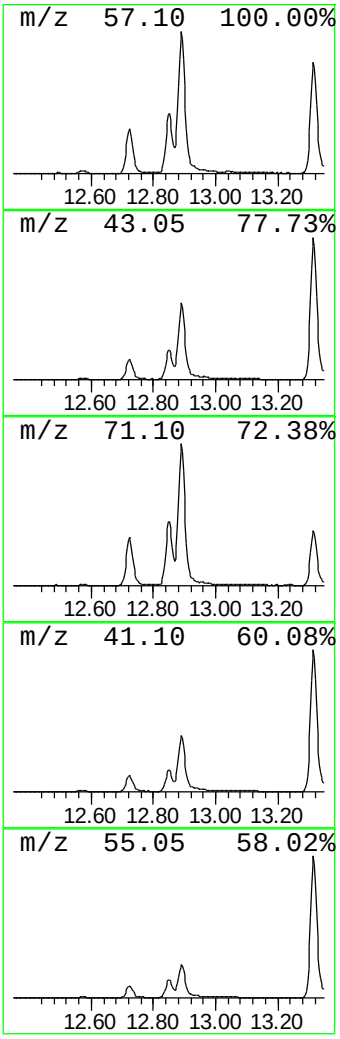
****

Peak Number 5 unknown12.85 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	22.53 ug/l	275009	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	47
2	n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	47
3	Carbonic acid, butyl octyl ester	230	C13H26O3	1000314-63-5	47
4	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	47
5	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	1000365-51-1	43





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ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

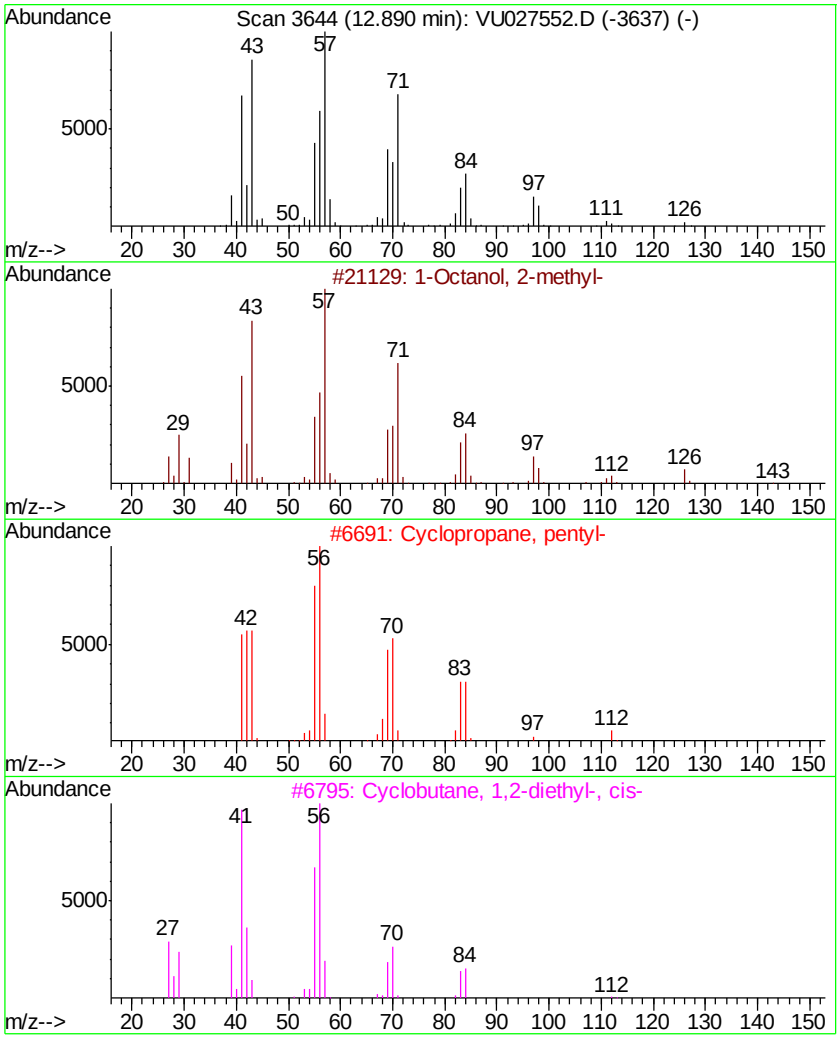
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

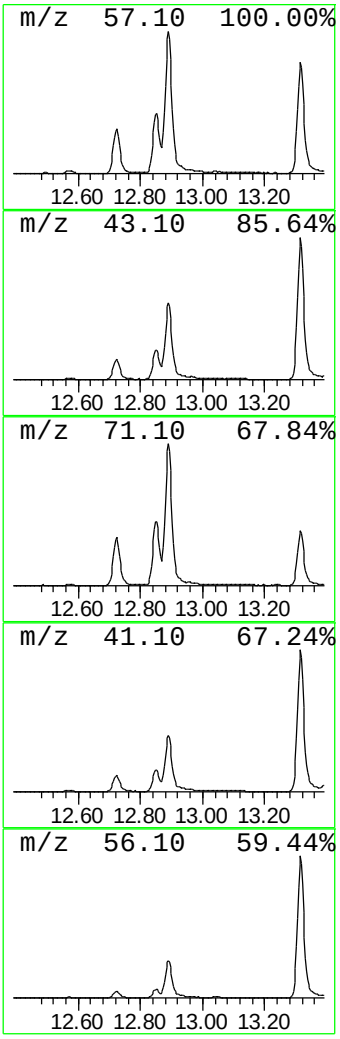
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	62.93 ug/l	768099	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-methyl-	144	C9H20O	000818-81-5	90
2	Cyclopropane, pentyl-	112	C8H16	002511-91-3	64
3	Cyclobutane, 1,2-diethyl-, cis-	112	C8H16	061141-50-2	52
4	1-Nonene	126	C9H18	000124-11-8	49
5	1-Heptene	98	C7H14	000592-76-7	43





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ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : OILY-DEBRIS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

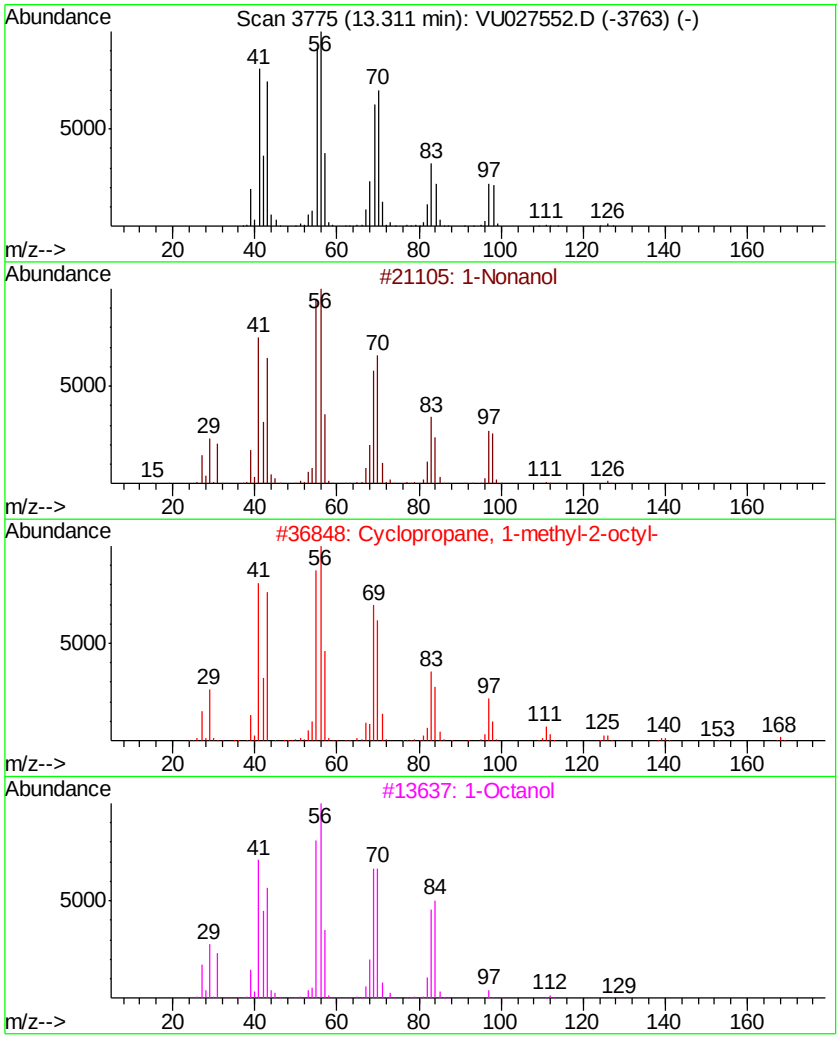
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

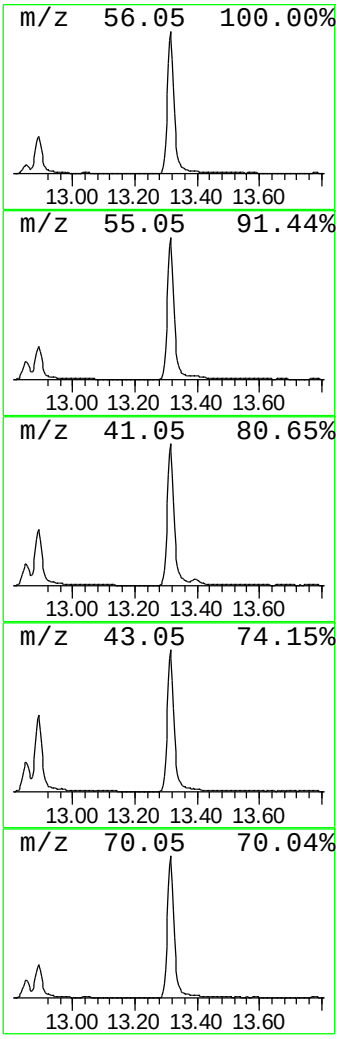
****

Peak Number 7 1-Nonanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	140.42 ug/l	1713880	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonanol	144	C9H20O	000143-08-8	91
2	Cyclopropane, 1-methyl-2-octyl-	168	C12H24	037617-26-8	80
3	1-Octanol	130	C8H18O	000111-87-5	72
4	Cyclopropane, 1-heptyl-2-methyl-	154	C11H22	074663-91-5	64
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	62





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Quant Title : SW846 8260

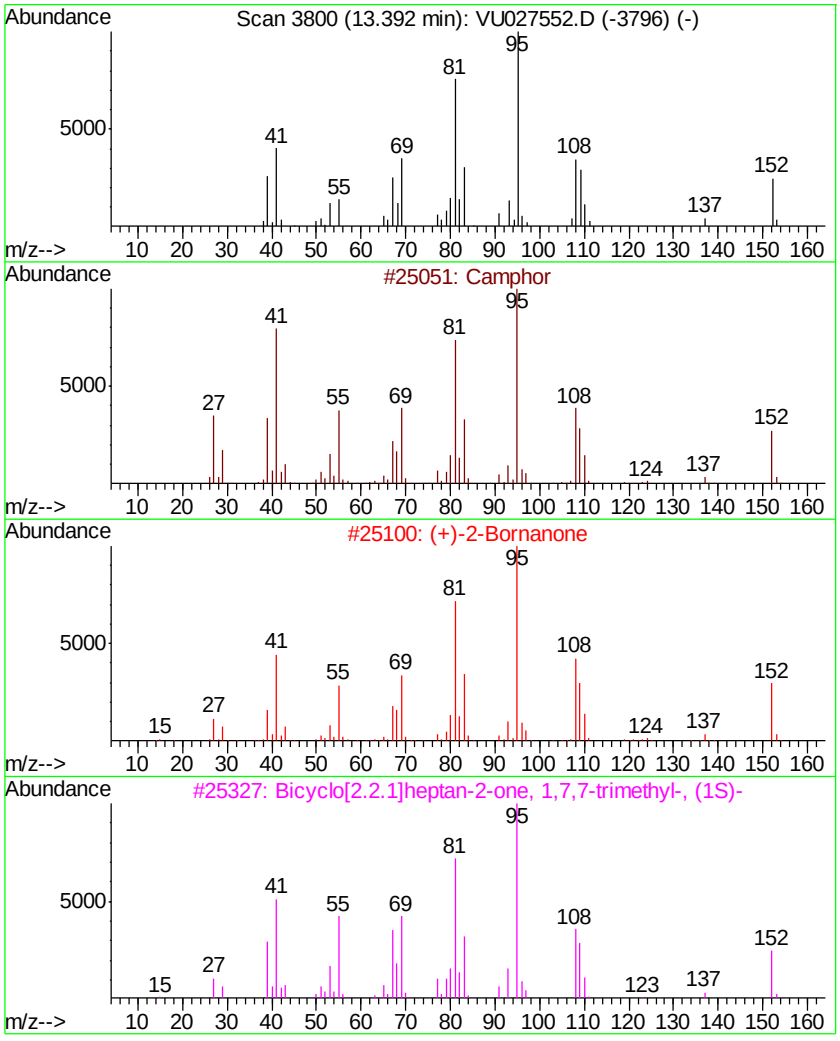
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

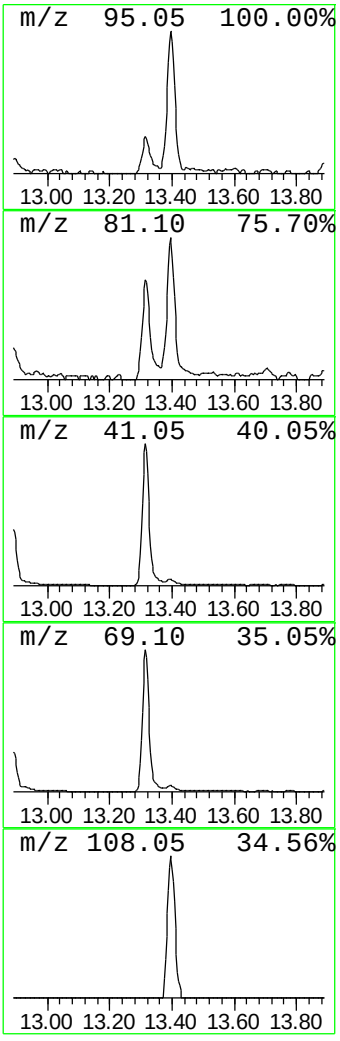
****

Peak Number 8 Camphor Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	8.00 ug/l	97665	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	97
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	000529-00-0	43
5	4-Ethylcyclohexene	110	C8H14	003742-42-5	38





Tentatively Identified Compound (LSC) summary

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Instrument : MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.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
Ethanol	2.01	5.5	ug/l	45878	1	4.99	415234	50.0
Eucalyptol	11.59	6.9	ug/l	84545	4	11.48	610280	50.0
1-Hexanol, 2-ethyl-	11.74	20.5	ug/l	250730	4	11.48	610280	50.0
Isobutyl octyl ca...	12.72	18.2	ug/l	222425	4	11.48	610280	50.0
unknown12.85	12.85	22.5	ug/l	275009	4	11.48	610280	50.0
1-Octanol, 2-methyl-	12.89	62.9	ug/l	768099	4	11.48	610280	50.0
1-Nonanol	13.31	140.4	ug/l	1713880	4	11.48	610280	50.0
Camphor	13.39	8.0	ug/l	97665	4	11.48	610280	50.0