LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
Data File : VD059882.D
Acq On : 23 Aug 2018 12:12
Operator : JC/SY
Sample : VD0823SBL01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0823SBL01

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_D\METHOD\82D082218S.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	1.433	119	123	126	rBV	1452565	3518513	67.81%	9.244%
2	1.492	126	129	147	rVB	1161653	3655267	70.45%	9.603%
3	3.707	350	354	363	rVB	57804	174990	3.37%	0.460%
4	4.504	430	435	443	rVB3	20410	60654	1.17%	0.159%
5	5.645	541	551	559	rBV	112711	364734	7.03%	0.958%
6	6.314	613	619	624	rBV	831044	2266499	43.68%	5.955%
7	6.403	624	628	646	rVB	1250585	3299394	63.59%	8.669%
8	6.777	658	666	682	rBV	648576	1721389	33.18%	4.523%
9	7.436	727	733	756	rBV	1676266	4002747	77.15%	10.516%
10	9.454	932	938	953	rBV	2295860	5188599	100.00%	13.632%
11	10.192	1006	1013	1021	rBV	302698	831299	16.02%	2.184%
12	10.772	1068	1072	1080	rVB	168613	320194	6.17%	0.841%
13	11.274	1119	1123	1134	rVB	2347967	4158466	80.15%	10.926%
14	12.426	1236	1240	1249	rBV	2552457	3485537	67.18%	9.158%
15	12.563	1249	1254	1259	rBV	237520	436255	8.41%	1.146%
16	12.918	1287	1290	1293	rBV	36777	52846	1.02%	0.139%
17	13.370	1332	1336	1345	rVB	3063756	4236777	81.66%	11.131%
18	13.646	1362	1364	1367	rVB2	38243	53647	1.03%	0.141%
19	13.951	1391	1395	1400	rBV2	115086	172335	3.32%	0.453%
20	15.112	1510	1513	1518	rBV2	30934	61721	1.19%	0.162%

Sum of corrected areas: 38061863

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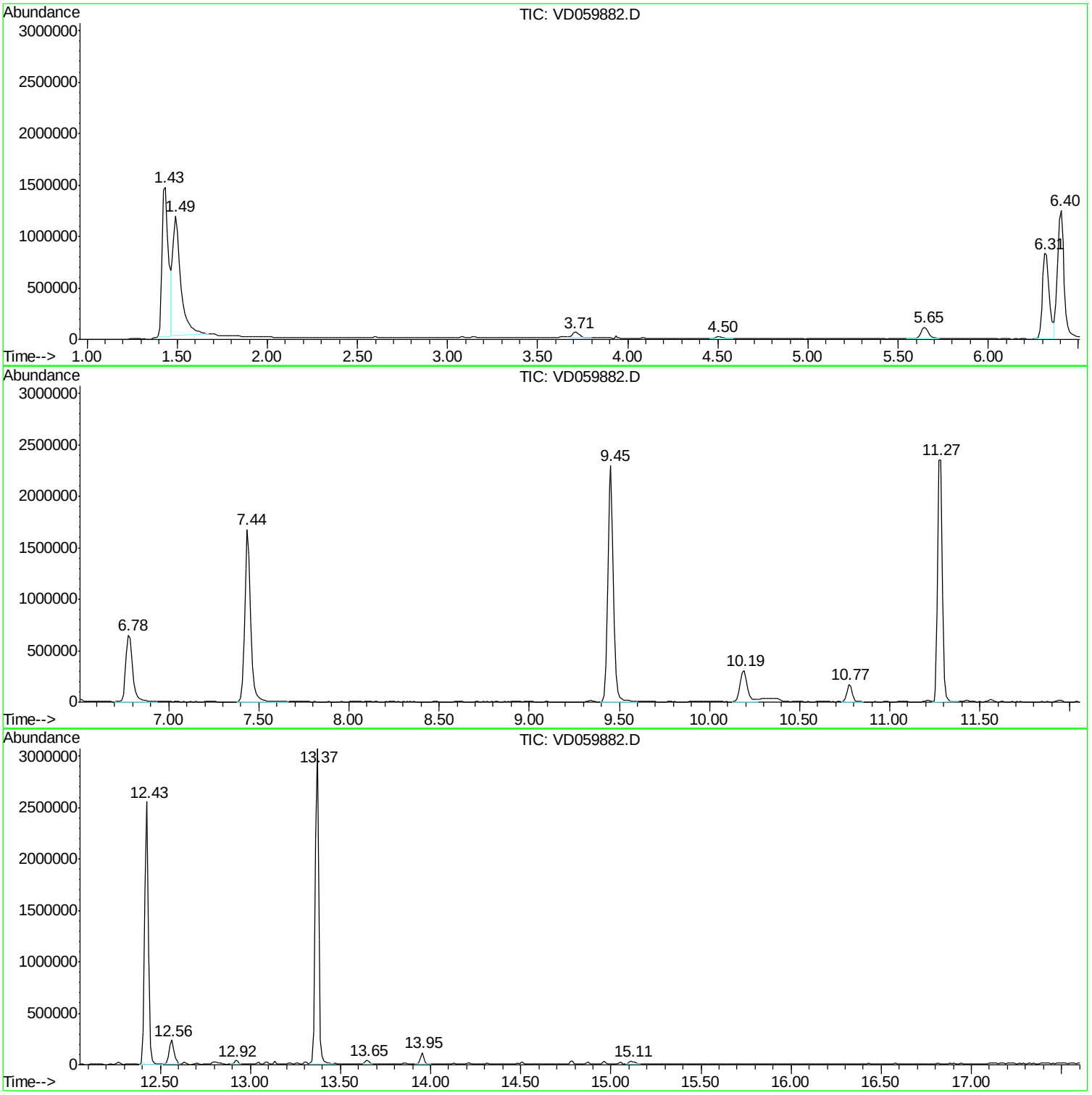
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBL01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260

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



Library Search Compound Report

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ClientSampleId : VD0823SBL01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260

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

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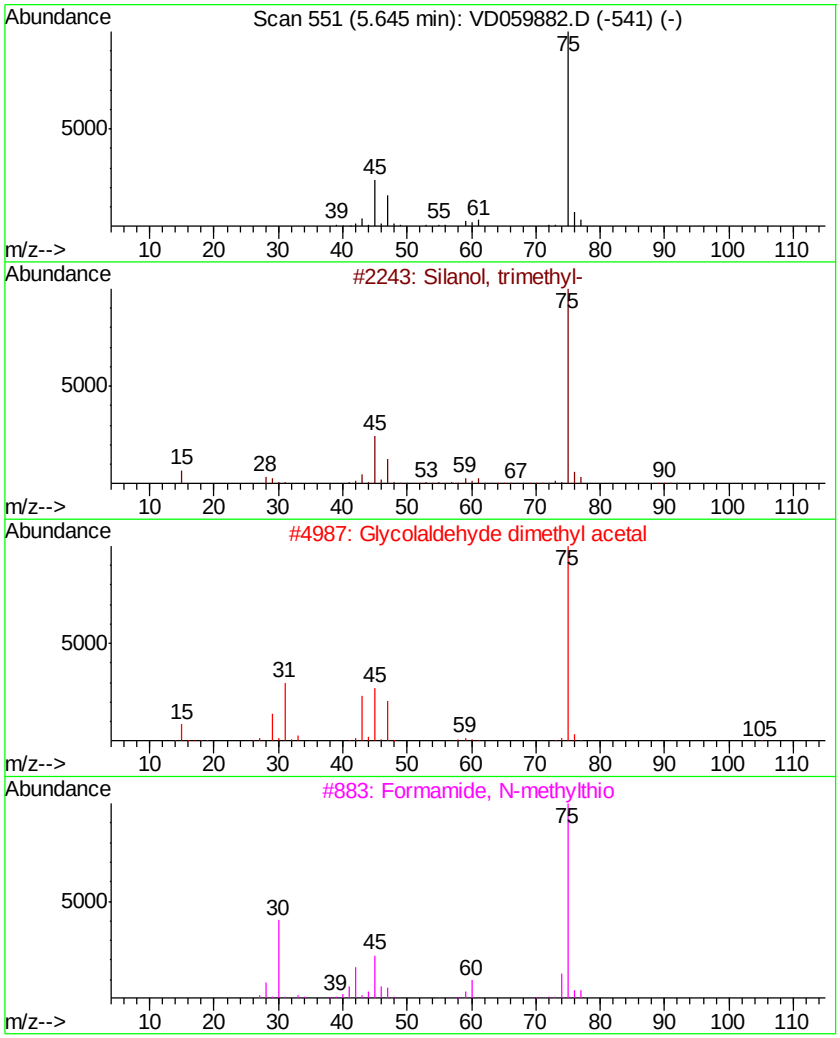
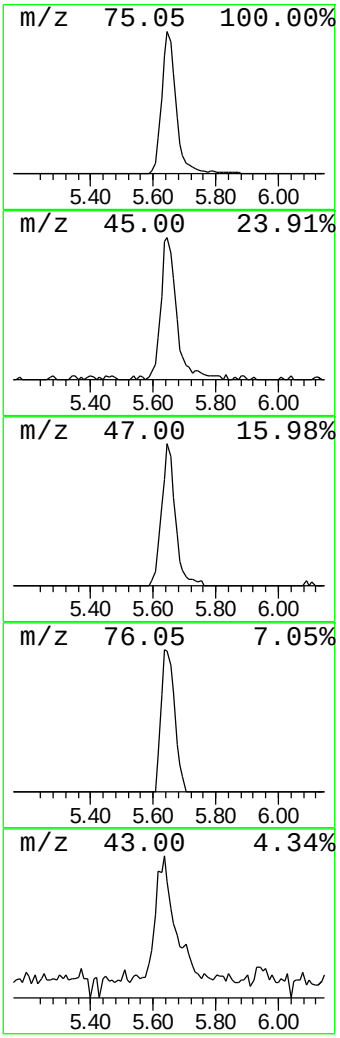
Peak Number 3 Silanol, trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	5.53 ug/l	364734	Pentafluorobenzene	6.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	83
2	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	43
3	Formamide, N-methylthio	75	C2H5NS	018952-41-5	40
4	tert-Butyldimethylsilanol	132	C6H16OSi	018173-64-3	40
5	Ethanol, 2-(trimethylsilyl)-	118	C5H14OSi	002916-68-9	9





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
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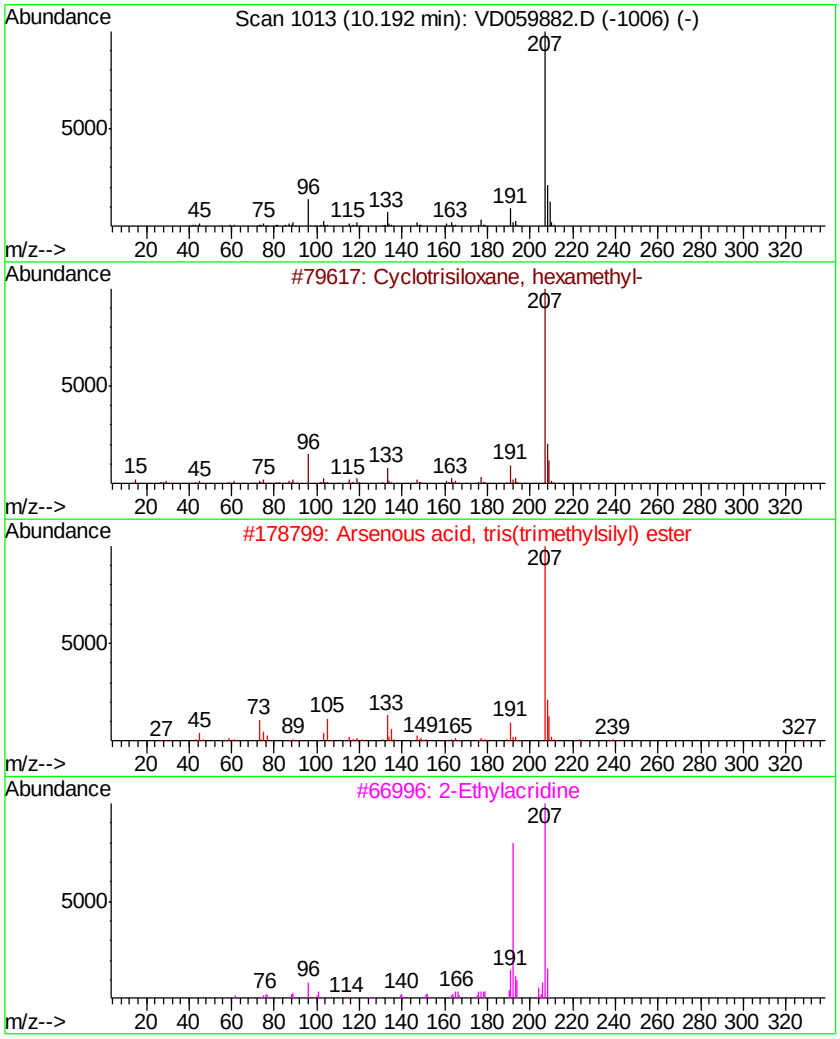
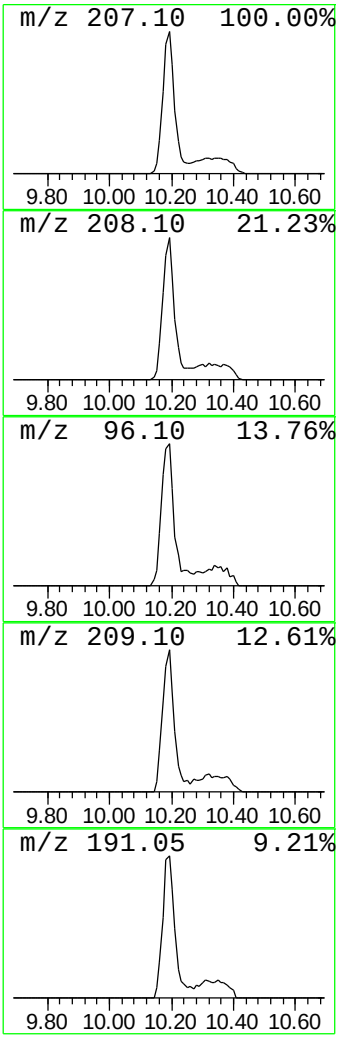
Peak Number 4 Cyclotrisiloxane, hexamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	10.00 ug/l	831299	Chlorobenzene-d5	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	64
3	2-Ethylacridine	207	C15H13N	055751-83-2	45
4	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	42
5	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	39





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ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0823SBL01

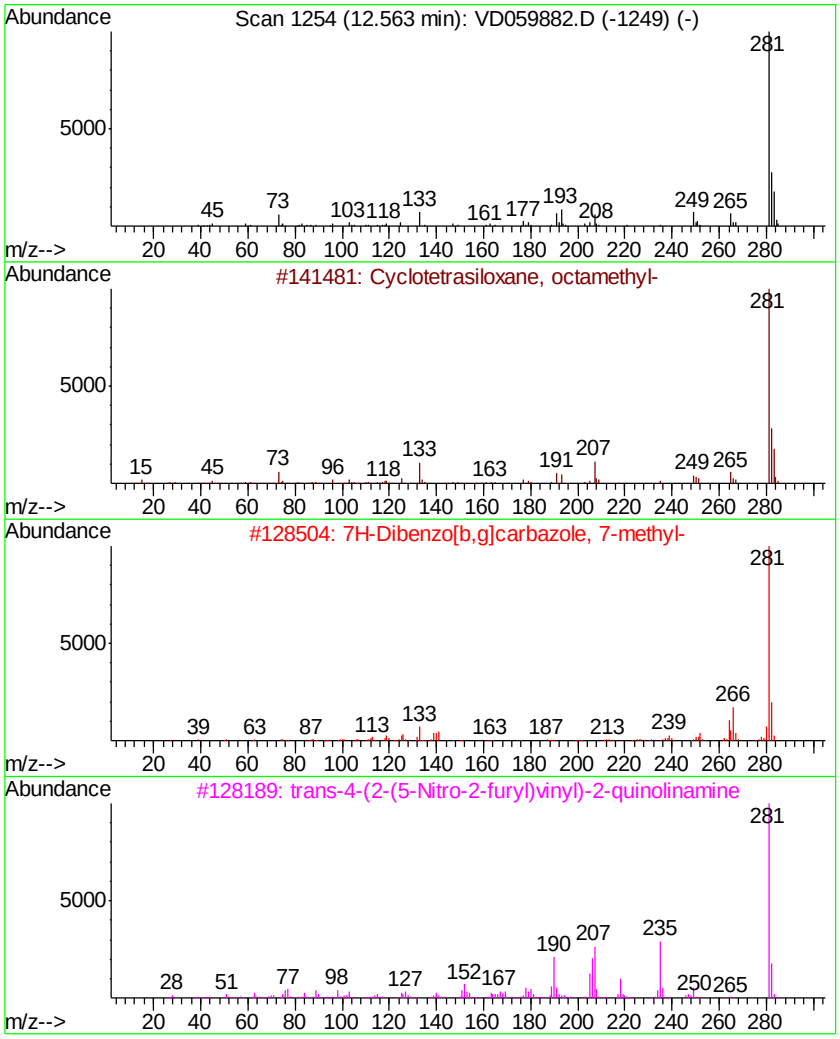
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260

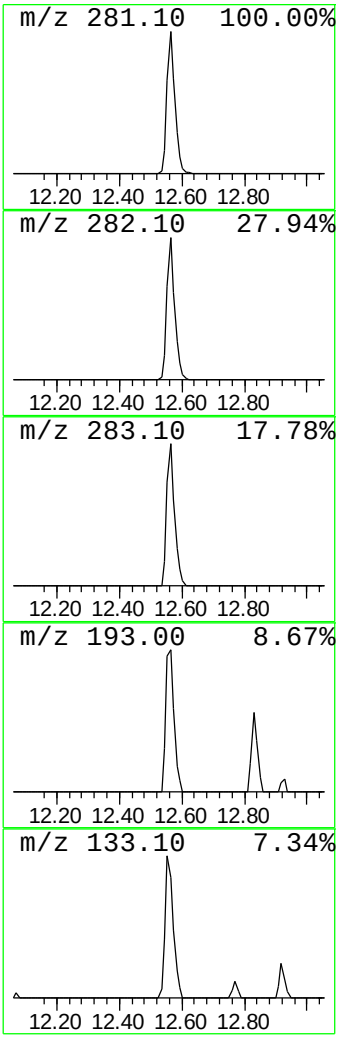
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclotetrasiloxane, octamet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	5.15 ug/l	436255	1,4-Dichlorobenzene-d4	13.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	78
2	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	64
3	trans-4-(2-(5-Nitro-2-furyl)vinyl...	281	C15H11N3O3	000847-10-9	53
4	5H-Naphtho[2,3-c]carbazole, 5-me...	281	C21H15N	100025-44-3	50
5	4-Nitro-4'-chlorodiphenylsulfoxide	281	C12H8ClNO3S	024535-53-3	42





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.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
Silanol, trimethyl-	5.65	5.5	ug/l	364734	1	6.40	3299390	50.0
Cyclotrisiloxane,...	10.19	10.0	ug/l	831299	3	11.28	4158470	50.0
Cyclotetrasiloxan...	12.56	5.2	ug/l	436255	4	13.37	4236780	50.0