LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010219\
Data File : VU028987.D
Acq On : 02 Jan 2019 13:46
Operator : MD/SY
Sample : J6593-01DL 25X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE803DL

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_U\METHOD\SOMUTR122818WMA.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	1.286	28	35	45	rVB	133218	127271	17.76%	3.404%
2	1.399	62	70	76	rBV	46225	48766	6.80%	1.304%
3	1.434	76	81	90	rVB	14024	14871	2.07%	0.398%
4	1.653	142	149	153	rBV	25234	30553	4.26%	0.817%
5	1.701	153	164	179	rVB2	74102	131981	18.41%	3.530%
6	2.103	280	289	303	rVB	37072	53203	7.42%	1.423%
7	2.273	331	342	354	rBV	73510	111170	15.51%	2.974%
8	2.701	466	475	484	rVB4	5342	8501	1.19%	0.227%
9	4.193	926	939	974	rBV	47486	130701	18.23%	3.496%
10	4.646	1064	1080	1104	rVB	52031	121633	16.97%	3.254%
11	5.337	1272	1295	1301	rBV2	113836	293391	40.93%	7.848%
12	5.386	1301	1310	1331	rVB	338991	716779	100.00%	19.173%
13	5.884	1452	1465	1489	rBV	108314	210171	29.32%	5.622%
14	6.212	1557	1567	1581	rVB3	14521	26342	3.68%	0.705%
15	6.331	1590	1604	1623	rBV	72961	144430	20.15%	3.863%
16	7.228	1872	1883	1897	rBV2	38477	68547	9.56%	1.834%
17	7.562	1975	1987	2005	rBV	148207	259940	36.27%	6.953%
18	7.848	2067	2076	2094	rBV2	22666	38725	5.40%	1.036%
19	8.311	2208	2220	2247	rBV	182806	322082	44.93%	8.615%
20	9.086	2450	2461	2482	rBV	156929	263959	36.83%	7.061%
21	10.167	2782	2797	2809	rBV	12911	19672	2.74%	0.526%
22	10.430	2868	2879	2896	rBV	54097	85680	11.95%	2.292%
23	10.588	2920	2928	2941	rVB3	5542	9011	1.26%	0.241%
24	10.970	3036	3047	3056	rVB	5793	8509	1.19%	0.228%
25	11.482	3195	3206	3227	rBV	152085	242390	33.82%	6.484%
26	11.768	3282	3295	3308	rBV3	13808	24466	3.41%	0.654%
27	11.858	3312	3323	3340	rBV	132097	217894	30.40%	5.828%
28	12.353	3469	3477	3488	rVB2	5582	7835	1.09%	0.210%

Sum of corrected areas: 3738473

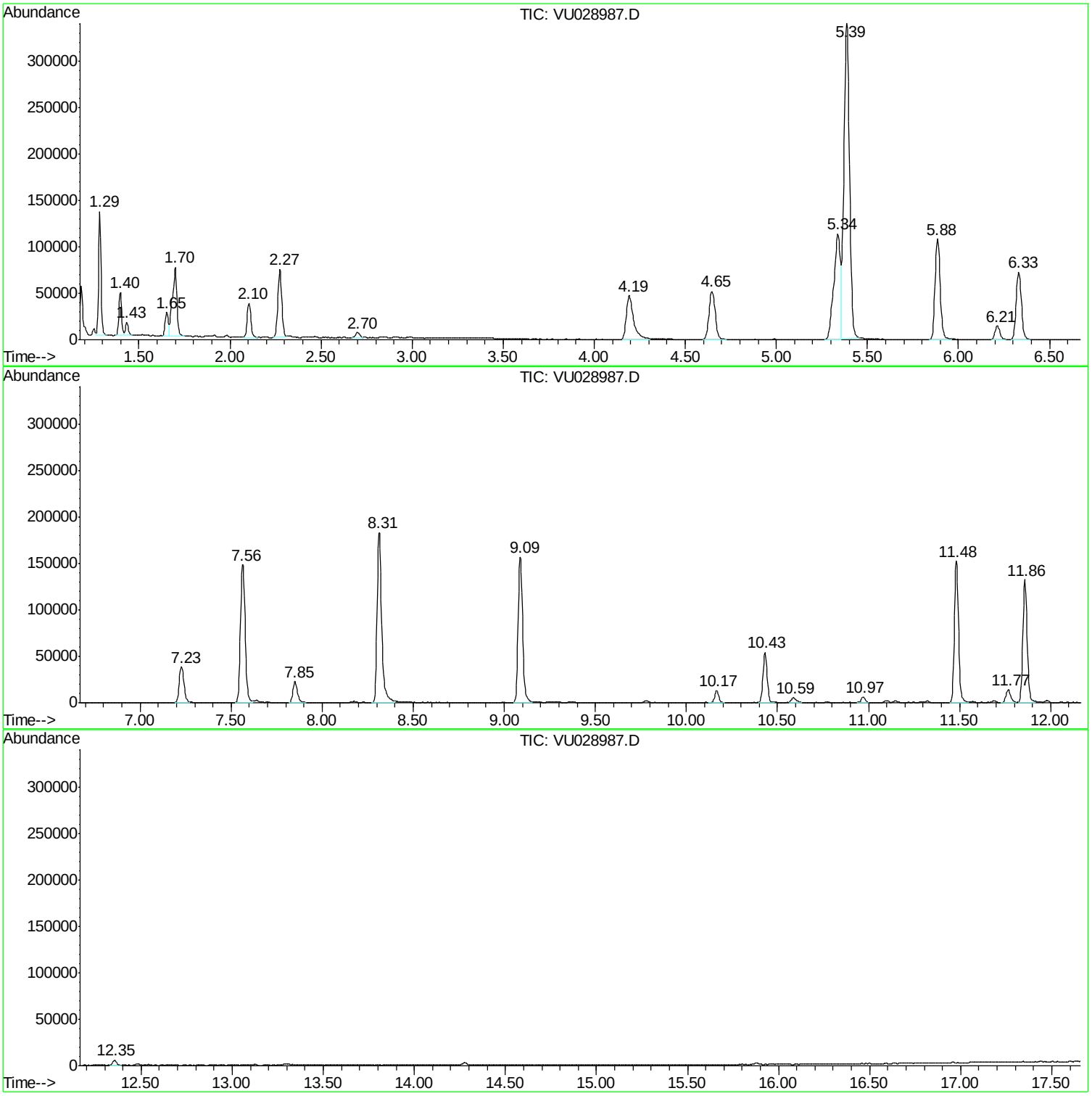
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010219\
Data File : VU028987.D
Acq On : 02 Jan 2019 13:46
Operator : MD/SY
Sample : J6593-01DL 25X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE803DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010219\
Data File : VU028987.D
Acq On : 02 Jan 2019 13:46
Operator : MD/SY
Sample : J6593-01DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE803DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0

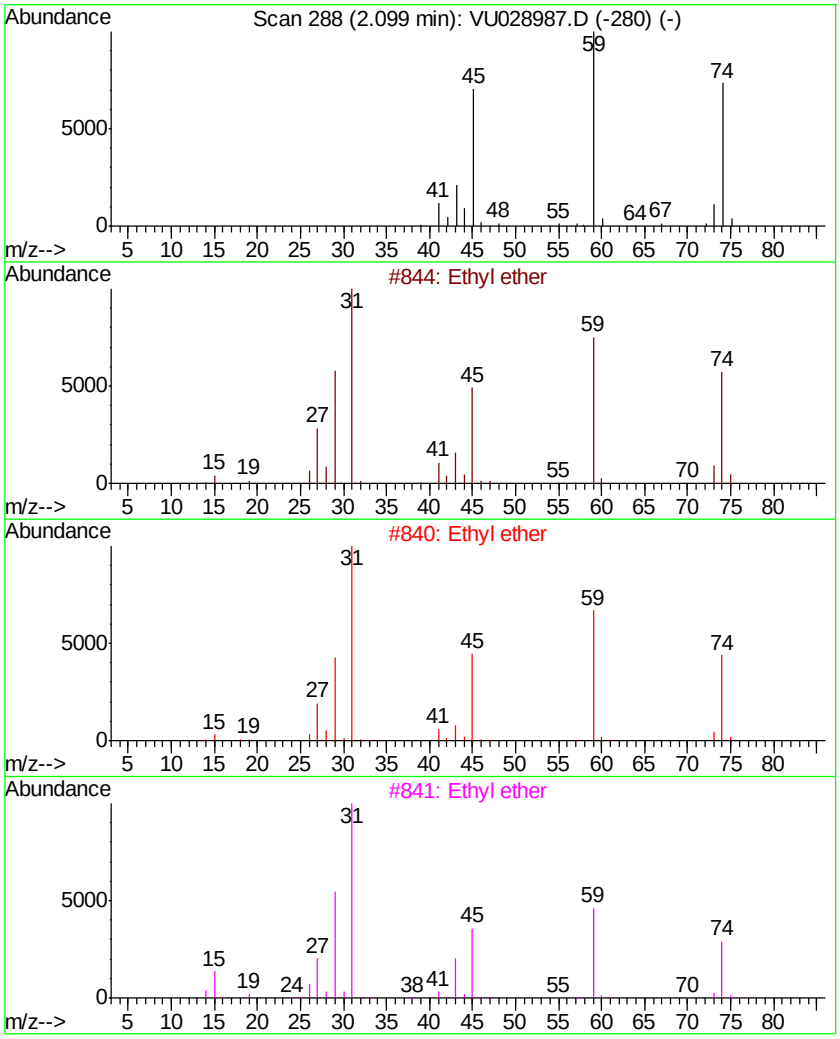
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

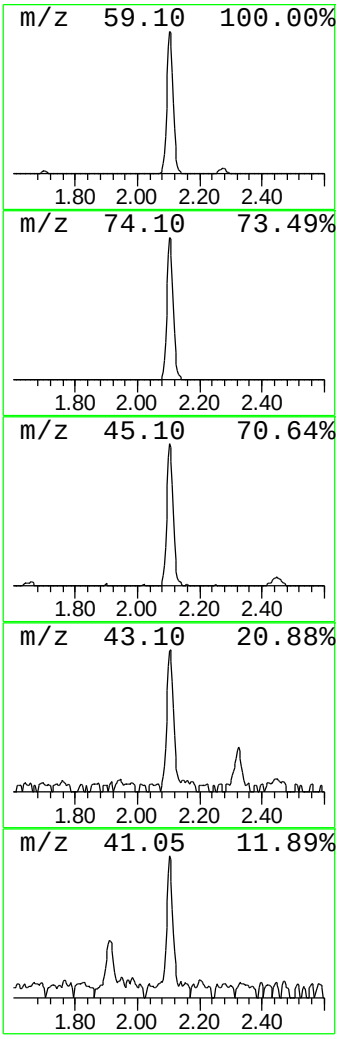
****

Peak Number 2 Ethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.10	1.27 ug/L	53203	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	91
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethyl ether	74	C4H10O	000060-29-7	83
4	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	78
5	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010219\
Data File : VU028987.D
Acq On : 02 Jan 2019 13:46
Operator : MD/SY
Sample : J6593-01DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE803DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0

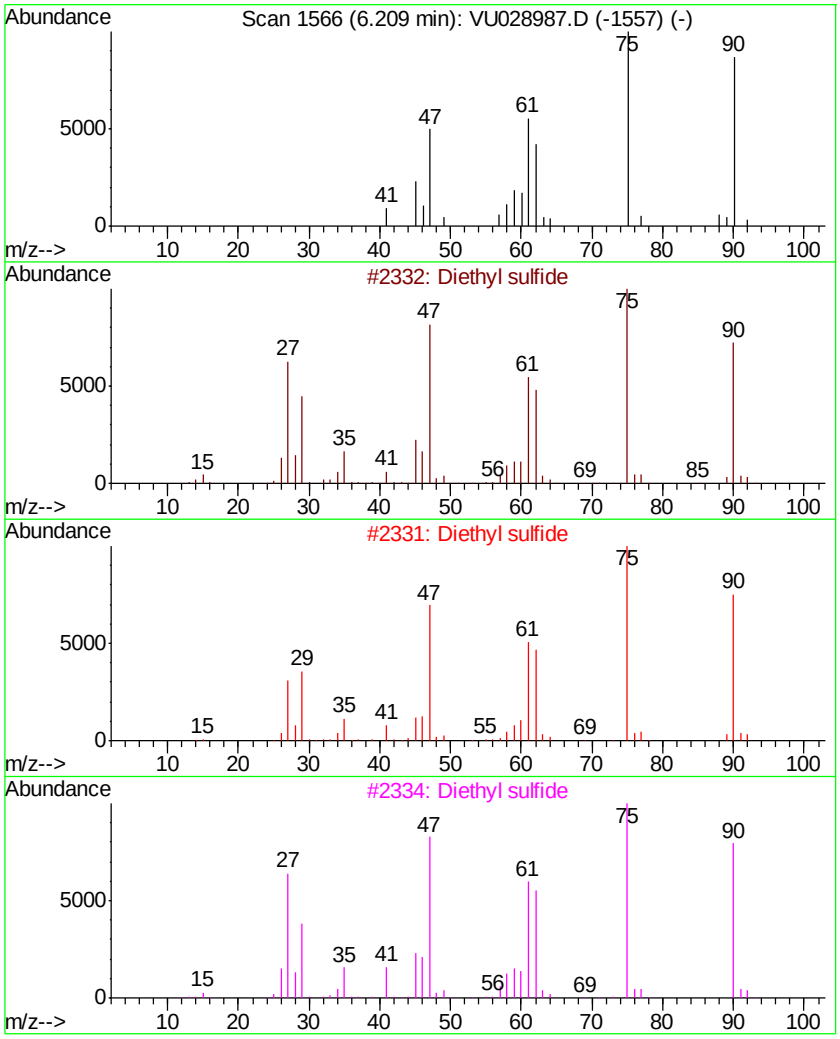
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

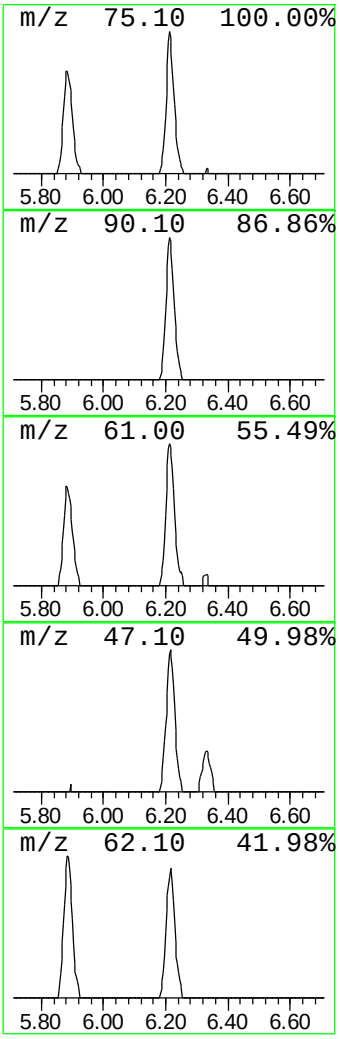
****

Peak Number 3 Diethyl sulfide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	0.63 ug/L	26342	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl sulfide	90	C4H10S	000352-93-2	91
2	Diethyl sulfide	90	C4H10S	000352-93-2	91
3	Diethyl sulfide	90	C4H10S	000352-93-2	91
4	Diethyl sulfide	90	C4H10S	000352-93-2	90
5	Sulfur diimide, dimethyl-	90	C2H6N2S	013849-02-0	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010219\
Data File : VU028987.D
Acq On : 02 Jan 2019 13:46
Operator : MD/SY
Sample : J6593-01DL 25X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE803DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0

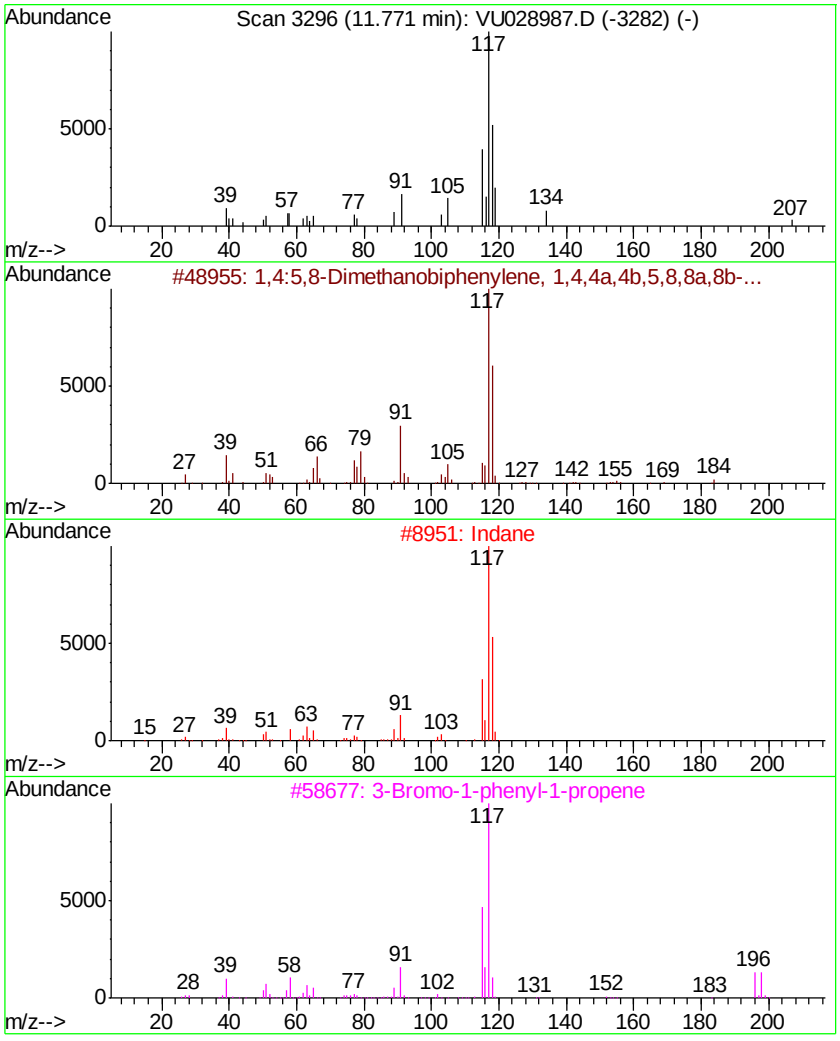
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

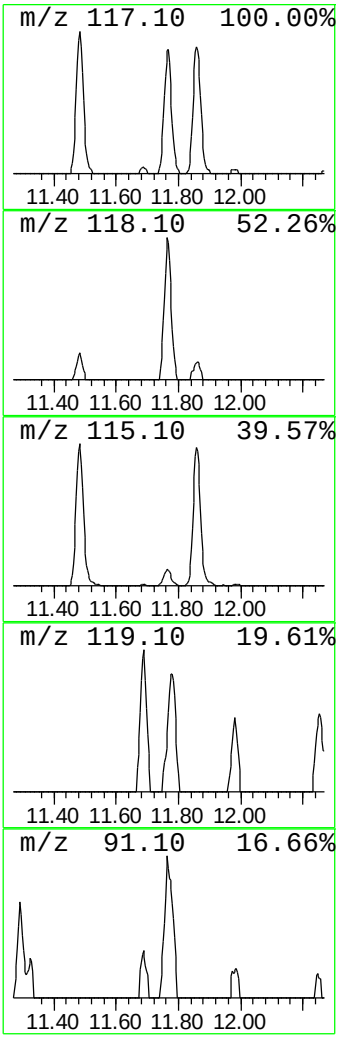
****

Peak Number 5 1,4:5,8-Dimethanobiphenylen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	0.50 ug/L	24466	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	64
2	Indane	118	C9H10	000496-11-7	58
3	3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	53
4	Benzeneethanol, .beta.-ethenyl-....	162	C11H14O	040596-14-3	53
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010219\
Data File : VU028987.D
Acq On : 02 Jan 2019 13:46
Operator : MD/SY
Sample : J6593-01DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE803DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
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
Ethyl ether	2.10	1.3	ug/L	53203	1	5.88	210171	5.0
Diethyl sulfide	6.21	0.6	ug/L	26342	1	5.88	210171	5.0
1,4:5,8-Dimethano...	11.77	0.5	ug/L	24466	3	11.48	242390	5.0