LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
Data File : VY002080.D
Acq On : 25 Mar 2020 20:13
Operator : SY/MD
Sample : L2042-04
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-04-5.5-6.0

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_Y\METHODS\82Y030420S.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	4.761	484	496	504	rBV3	6438	20636	2.41%	0.389%
2	7.017	855	866	875	rBV	3442	9176	1.07%	0.173%
3	7.748	976	986	992	rBV	103294	244377	28.48%	4.610%
4	7.822	992	998	1012	rVB	166156	377807	44.03%	7.127%
5	8.169	1047	1055	1068	rVB	111229	246547	28.73%	4.651%
6	8.718	1136	1145	1159	rBV	293177	576278	67.16%	10.871%
7	9.839	1322	1329	1333	rBV2	4703	8946	1.04%	0.169%
8	10.199	1379	1388	1403	rBV	497189	858033	100.00%	16.186%
9	10.388	1410	1419	1425	rVB	30491	54307	6.33%	1.024%
10	10.541	1439	1444	1449	rVB	12862	21383	2.49%	0.403%
11	10.638	1449	1460	1465	rBV4	13475	27769	3.24%	0.524%
12	10.730	1471	1475	1480	rVB4	5117	8599	1.00%	0.162%
13	10.815	1484	1489	1495	rVB	15866	26452	3.08%	0.499%
14	10.919	1500	1506	1511	rVV2	7639	16942	1.97%	0.320%
15	10.986	1511	1517	1521	rVV3	18110	36744	4.28%	0.693%
16	11.053	1524	1528	1532	rVV2	35928	57794	6.74%	1.090%
17	11.108	1532	1537	1542	rVV2	31233	58127	6.77%	1.097%
18	11.156	1542	1545	1549	rVV4	6205	8979	1.05%	0.169%
19	11.217	1549	1555	1559	rVV3	17809	31257	3.64%	0.590%
20	11.303	1559	1569	1579	rVB5	54398	151018	17.60%	2.849%
21	11.394	1579	1584	1589	rBV	40852	63159	7.36%	1.191%
22	11.504	1596	1602	1613	rBV	435189	711762	82.95%	13.427%
23	11.601	1613	1618	1621	rVV4	8961	15638	1.82%	0.295%
24	11.644	1621	1625	1628	rVV	21727	36349	4.24%	0.686%
25	11.723	1628	1638	1646	rVV4	97786	283939	33.09%	5.356%
26	11.796	1646	1650	1655	rVB3	26077	46290	5.39%	0.873%
27	12.016	1678	1686	1690	rBV2	33588	80978	9.44%	1.528%
28	12.180	1709	1713	1715	rBV3	7553	10881	1.27%	0.205%
29	12.217	1715	1719	1723	rVV3	14309	20916	2.44%	0.395%
30	12.266	1723	1727	1730	rVV2	16284	24257	2.83%	0.458%
31	12.498	1758	1765	1771	rVV	331126	510327	59.48%	9.627%
32	13.436	1912	1919	1928	rBV	426503	655446	76.39%	12.364%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Title : SW846 8260

Sum of corrected areas: 5301113

LSC Report - Integrated Chromatogram

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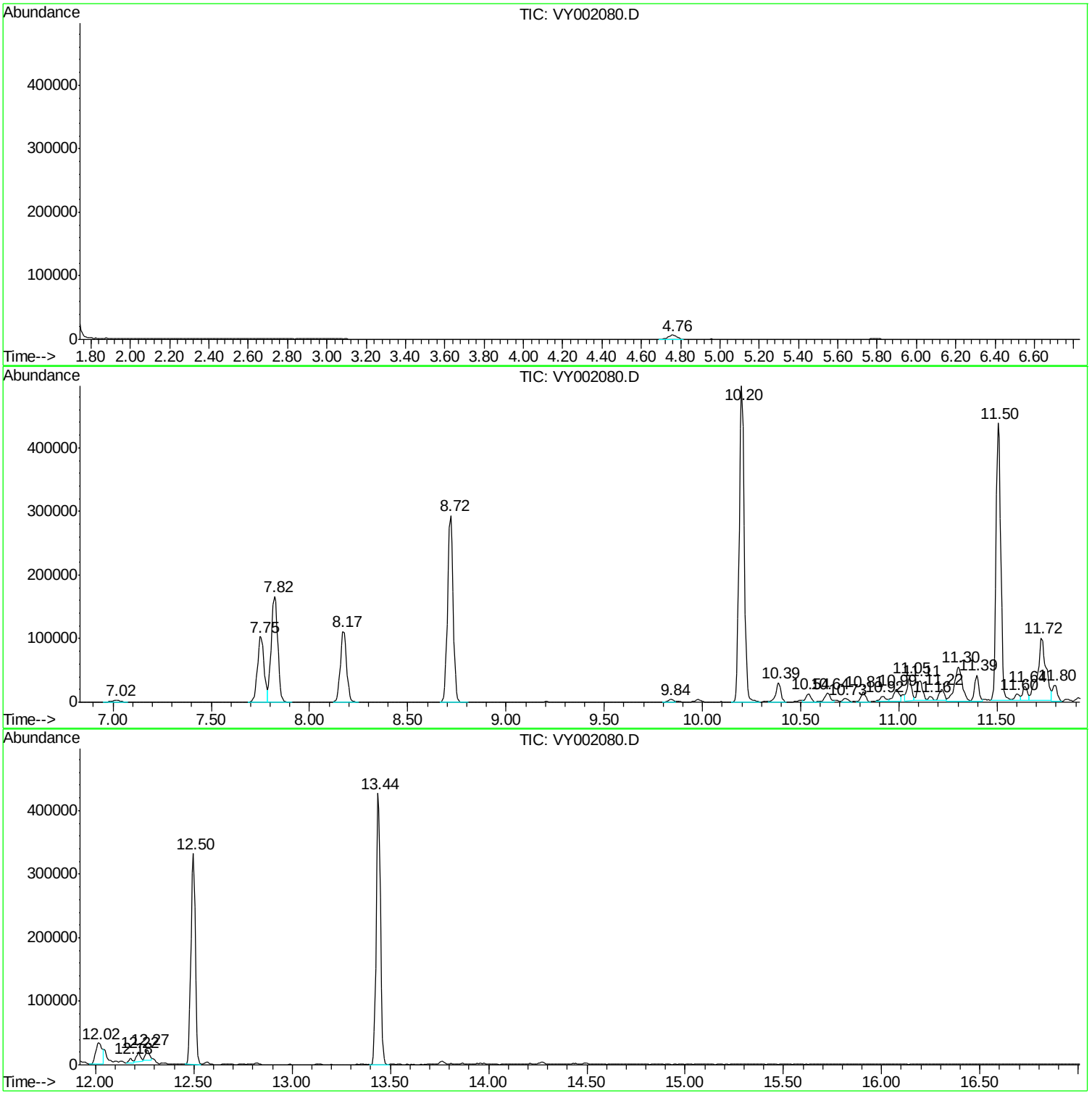
Data File : VY002080.D
Acq On : 25 Mar 2020 20:13
Operator : SY/MD
Sample : L2042-04
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-04-5.5-6.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032520\
Data File : VY002080.D
Acq On : 25 Mar 2020 20:13
Operator : SY/MD
Sample : L2042-04
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-04-5.5-6.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

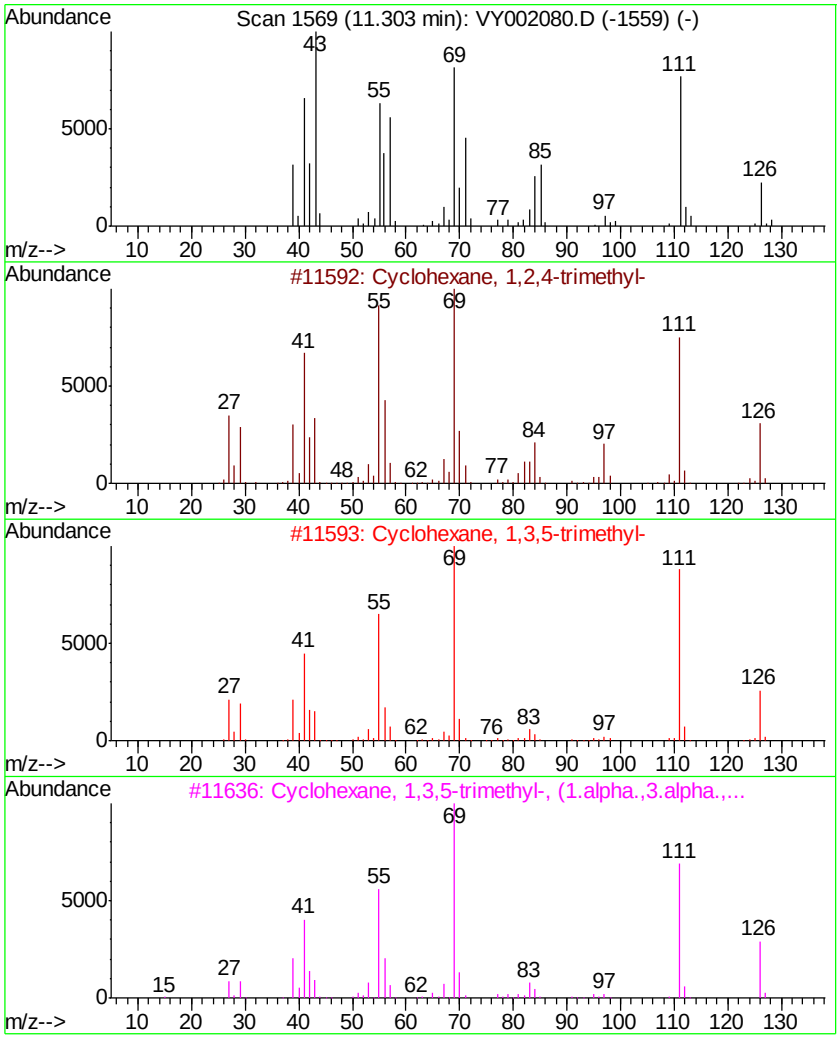
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

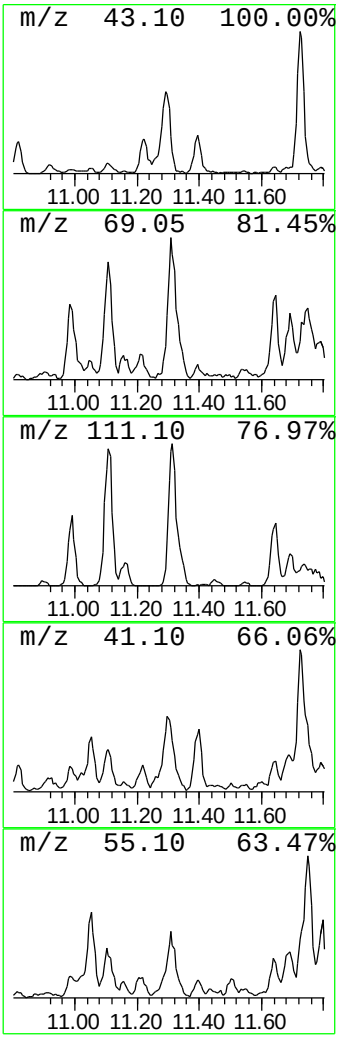
****

Peak Number 1 Cyclohexane, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	10.61 ug/l	151018	Chlorobenzene-d5	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	76
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	58
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	52
4	2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	49
5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	43





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Instrument : MSVOA_Y
ClientSampleId : SB-04-5.5-6.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

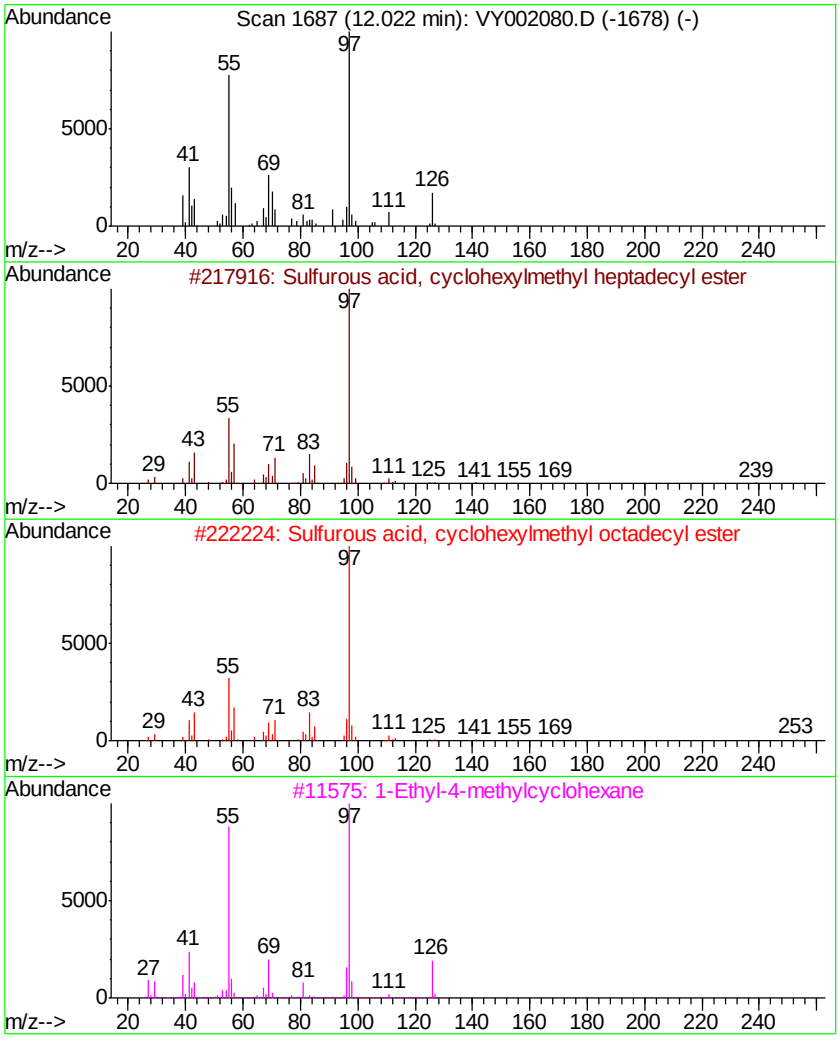
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

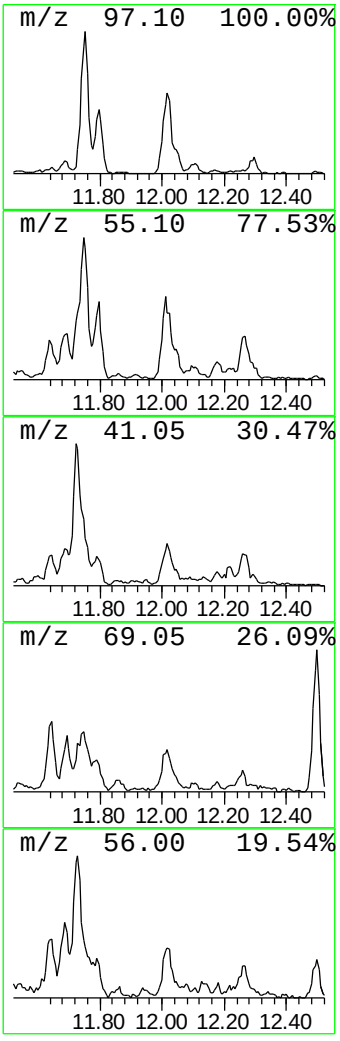
****

Peak Number 2 Sulfurous acid, cyclohexylm... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	5.69 ug/l	80978	Chlorobenzene-d5	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	80
2	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	80
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	74
4	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	74
5	4-Octen-3-one	126	C8H14O	014129-48-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032520\
Data File : VY002080.D
Acq On : 25 Mar 2020 20:13
Operator : SY/MD
Sample : L2042-04
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-04-5.5-6.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.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
Cyclohexane, 1,2,...	11.30	10.6	ug/l	151018	3	11.50	711762	50.0
Sulfurous acid, c...	12.02	5.7	ug/l	80978	3	11.50	711762	50.0